
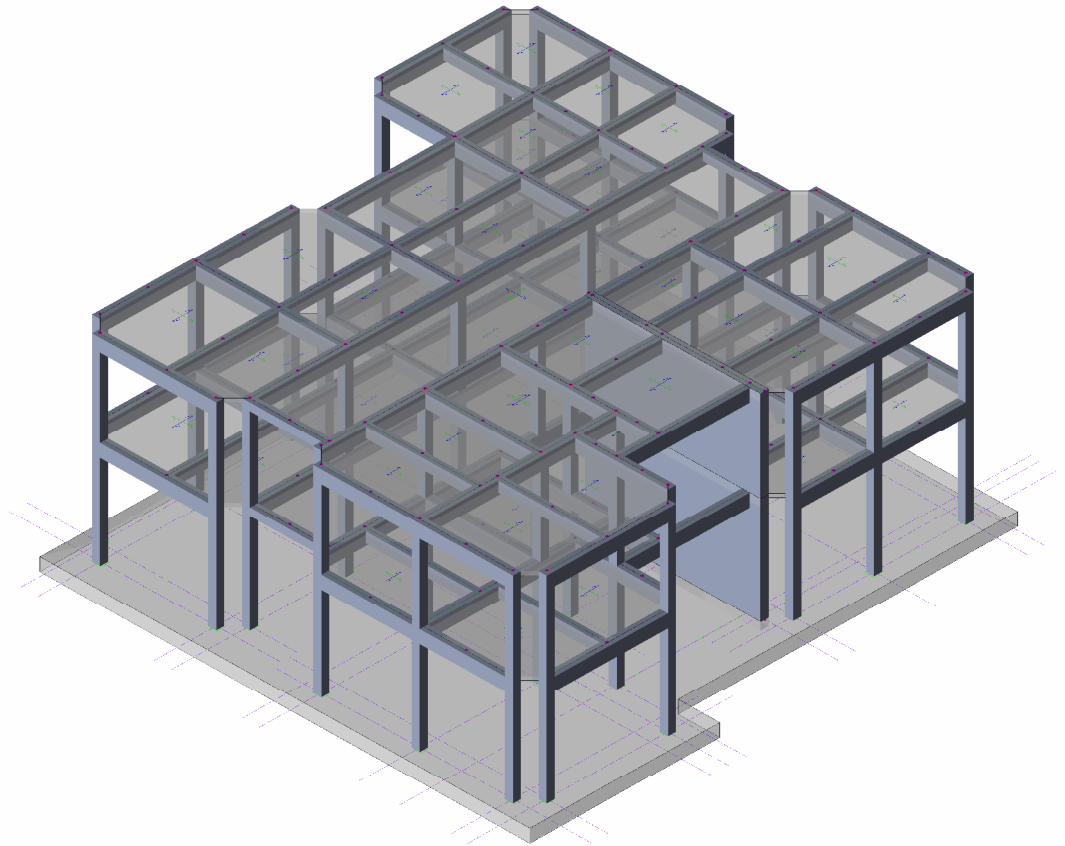


| | | | | | |
|---|------------|----------|-----------|---------------------|------|
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| V.Gruda | | V. Gruda | | | |



Structure

Structure

Action Codes


| | |
|-----------------|--------------------|
| General Loading | EN 1991-1-1 (2002) |
| Wind Loading | EN 1991-1-4 (2005) |
| Snow Loading | EN 1991-1-3 (2003) |
| Seismic Loading | EN 1998-1 (2004) |
| Combinations | EN 1990 (2002) |

Resistance Codes

| | |
|------------------------------|--------------------|
| Steel Design | EN 1993-1-1 (2005) |
| Concrete Design | EN 1992-1-1 (2004) |
| Composite Design | EN 1994-1-1 (2004) |
| Timber Design | EN 1995-1-1 (2004) |
| Masonry Design | EN 1996-1-1 (2005) |
| Foundation Design | EN 1997-1 (2004) |
| Seismic Design and Detailing | EN 1998-1 (2004) |
| Steel Fire Design | EN 1993-1-2 (2005) |

Loadcase Summary

- 1 Self weight - excluding slabs

| | | | | | | |
|---|-----------|---------|-----------------|----------|-----------|---------------------|
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| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 1.2 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 1.2 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 366.7 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 2284.1 |
| Total Load on Structure | 0.0 | 0.0 | 2284.1 |
| Total Reaction | 0.0 | 0.0 | 2284.1 |

2 Slab self weight


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.6 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.6 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 6381.3 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 6381.3 |
| Total Load on Structure | 0.0 | 0.0 | 6381.3 |
| Total Reaction | 0.0 | 0.0 | 6381.3 |

3 Dead

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.5 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.5 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 1427.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 1427.2 |
| Total Load on Structure | 0.0 | 0.0 | 1427.2 |
| Total Reaction | 0.0 | 0.0 | 1427.2 |

4 Services

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 0.0 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 0.0 |
| Total Reaction | 0.0 | 0.0 | 0.0 |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
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5 Imposed

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 1400.8 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 1400.8 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |
| Total Reaction | 0.0 | 0.0 | 1400.8 |

6 5 Imposed P1 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

7 5 Imposed P2 Dir1


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

8 5 Imposed P3 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

9 5 Imposed P4 Dir1

| Load Type | Force [kN] | | |
|--------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |

| | | | | | | |
|---|-----------|---------|-----------------|----------|-----------|---------------------|
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| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

10 5 Imposed P5 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

11 5 Imposed P1 Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

12 5 Imposed P2 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

13 5 Imposed P3 Dir2

| Load Type | Force [kN] | | |
|--------------------|------------|-----|-------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |

| | | | | | | |
|---|------------|----------|-----------|---------------------|------|--|
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| V.Gruda | | V. Gruda | | | | |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

14 5 Imposed P4 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

15 5 Imposed P5 Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 948.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 1400.8 |

16 Seismic Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 0.0 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 0.0 |

17 Seismic Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 0.0 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 0.0 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
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18 Seismic

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 0.0 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 0.0 |

19 Roof

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.1 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.1 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 608.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 608.6 |
| Total Load on Structure | 0.0 | 0.0 | 608.6 |
| Total Reaction | 0.0 | 0.0 | 608.6 |


20 Seismic Torsion 100.00%Dir1 30.00%Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 0.0 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 0.0 |
| Total Reaction | 0.0 | 0.0 | 0.0 |

21 Seismic Torsion 30.00%Dir1 100.00%Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|-----|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 0.0 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 0.0 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 0.0 |
| Total Reaction | 0.0 | 0.0 | 0.0 |

Seismic Loading Summary

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
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Structure details

| | | | |
|--|----------------------------------|------------------|--------------------------------|
| Height of building from foundation or top of rigid basement | 7640.0 | mm | |
| Structural Ductility Class – Low, Medium or High | Medium | | |
| Reference Peak Ground Acceleration, a_{gR} | 2.98 | % g | PD6698:2009 |
| Site Specific Spectrum defined | | | |
| $S_{user}(0)/A_g$ | 0.352 | | |
| $S_{user}(T_{Buser})/A_g$ | 0.432 | | |
| T_{Buser} | 0.150 | sec | |
| T_{Cuser} | 0.500 | sec | |
| T_{Duser} | 2.000 | sec | |
| T_{Euser} | 5.000 | sec | |
| Importance class | III | | EN1998-1:2004 Table 4.3 |
| Lower bound factor, β | 0.200 | | |
| Design ground acceleration, $a_g = (g_{acc} \times a_{gR} \times \gamma_I)$ | 0.351 | m/s ² | |
| Importance factor, γ_I | 1.200 | | |
| Upper limit of the period of the constant spectral acceleration branch, T_c | 0.500 | sec | |
| Effective seismic structure mass, m | 585.56 | t | EN1998-1:2004 Cl. 4.3.3.2.2 |
| Structure Type | | | |
| Direction Dir1 | Concrete moment-resisting frames | | |
| Direction Dir2 | Concrete moment-resisting frames | | |
| | Direction | Direction | |
| | Dir1 | Dir2 | |
| Factor C_t | 0.075 | 0.075 | |
| Approximate fundamental period - $T_{1\text{approx}}$ [sec] | 0.345 | 0.345 | |
| Fundamental period - T_1 [sec] | 0.640 | 0.467 | |
| α_u/α_1 - user defined factor | 1.200 | 1.200 | |
| Behaviour Factor, q | 3.600 | 3.600 | |
| Design Spectrum Ordinate, $S_d(T_1)$ [m/s ²] | 0.033 | 0.042 | |
| Correction Factor, λ | 1.000 | 1.000 | |
| Seismic base shear, F_b [kN] | 19.3 | 24.7 | |
| Modal Base Shear (from RSA), V_t [kN] | 17.0 | 22.4 | |
| Structure Plan Irregularities - User Defined | | | |
| CI 4.2.3.2 (2) Asymmetric stiffness and mass distribution | Yes | | |
| CI 4.2.3.2 (3) Large re-entrant corners | Yes | | |
| CI 4.2.3.2 (4) Low in plane floor stiffness | No | | |
| CI 4.2.3.2 (5) Building slenderness > 4 | No | | |
| CI 4.2.3.2 (6a) Structural eccentricity > 0.3 × torsional radius | No | | |
| CI 4.2.3.2 (6b) Torsional radius < radius of gyration of the floor mass in plan | No | | |
| Structure Vertical Irregularities - User Defined | | | |
| CI 4.2.3.3 (2) Discontinuous lateral load resisting systems | No | | |
| CI 4.2.3.3 (3) Lateral stiffness and mass of stories not constant or gradually reducing | No | | |
| CI 4.2.3.3 (4) Ratio of actual story resistance to resistance required by analysis varying disproportionately between adjacent storeys | No | | |
| CI 4.2.3.3 (5a) Symmetric setback at any floor greater than 20% of the lower floor plan dimension | No | | |
| CI 4.2.3.3 (5b) Symmetric single setback in the lower 15% of the building > 50% of the lower plan dimension | No | | |
| CI 4.2.3.3 (5c) Asymmetric – the sum of all setbacks at all stories > 30% of the plan dimension at ground floor or one set back > 10% of the lower floor dimension | No | | |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|--|
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Lateral Force Method is acceptable (EN1998-1:2004:CI 4.3.3.2)

| Reference | Level [mm] | m _i [t] | Direction Dir1 | | | Direction Dir2 | | |
|-----------|------------|--------------------|----------------|---------------------|----------|----------------|---------------------|----------|
| | | | Factor | F _i [kN] | Ecc [mm] | Factor | F _i [kN] | Ecc [mm] |
| Kt. 2 (2) | 7040.0 | 283.89 | 0.636 | 12.2 | 977.5 | 0.636 | 15.7 | 960.0 |
| Kt. 1 (1) | 3520.0 | 301.67 | 0.364 | 7.0 | 977.5 | 0.364 | 9.0 | 960.0 |

Analysis procedure to be used:
Modal Response Spectrum Analysis

Localiza

Direction Dir1 Direction Dir2

Combinations Summary

1 Seismic Inertia

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8511.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 10428.9 |
| Total Load on Structure | 0.0 | 0.0 | 10428.9 |


2 (Final) STR₁-1.35G+1.5Q+1.5RQ

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 16639.2 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

3 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P1 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

4 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P2 Dir1

| | | | | | |
|---|------------|----------|-----------|---------------------|------|
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| Calc. by | | Chk'd by | Date | App'd by | Date |
| V.Gruda | | V. Gruda | | | |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

5 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P3 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

6 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P4 Dir1


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

7 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P5 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

8 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P1 Dir2

| Load Type | Force [kN] | | |
|--------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
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| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

9 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P2 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

10 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P3 Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

11 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P4 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

12 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P5 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

| | | | | | |
|---|------------------------------|--|---------------------------------|------|----------|
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13 (Final) STR_{3,1}-1.35G+1.5Q+1.5RQ+EHF_{Dir1+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 3.8 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 3.8 | 0.0 | 16639.2 |
| Total Load on Structure | 3.8 | 0.0 | 16639.2 |

14 (Final) STR_{3,2}-1.35G+1.5Q+1.5RQ+EHF_{Dir1-}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -3.8 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -3.8 | 0.0 | 16639.2 |
| Total Load on Structure | -3.8 | 0.0 | 16639.2 |


15 (Final) STR_{3,3}-1.35G+1.5Q+1.5RQ+EHF_{Dir2+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 3.8 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 3.8 | 16639.2 |
| Total Load on Structure | 0.0 | 3.8 | 16639.2 |

16 (Final) STR_{3,4}-1.35G+1.5Q+1.5RQ+EHF_{Dir2-}

| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -3.8 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -3.8 | 16639.2 |
| Total Load on Structure | 0.0 | -3.8 | 16639.2 |

17 (Final) EQU₁-1.1G+1.5Q+1.5RQ

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
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| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 12006.8 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 14116.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

18 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

19 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir1


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

20 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

21 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir1

| Load Type | Force [kN] | | |
|----------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |

| | | | | | |
|---|------------|----------|------------|---------------------|------|
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| Calc. by | | Chk'd by | Date | App'd by | Date |
| V.Gruda | | V. Gruda | | | |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

22 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

23 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

24 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

25 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
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26 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

27 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |


28 (Final) GEO_{1,1}-G+1.3Q+1.3RQ+EHF_{Dir1+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 2.9 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 2.9 | 0.0 | 12704.9 |
| Total Load on Structure | 2.9 | 0.0 | 12704.9 |

29 (Final) GEO_{1,2}-G+1.3Q+1.3RQ+EHF_{Dir1-}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -2.9 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -2.9 | 0.0 | 12704.9 |
| Total Load on Structure | -2.9 | 0.0 | 12704.9 |

30 (Final) GEO_{1,3}-G+1.3Q+1.3RQ+EHF_{Dir2+}

| | | | | | |
|---|------------|----------|------------|---------------------|------|
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| V.Gruda | | V. Gruda | | | |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 2.9 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 2.9 | 12704.9 |
| Total Load on Structure | 0.0 | 2.9 | 12704.9 |

31 (Final) GEO_{1.4}-G+1.3Q+1.3RQ+EHF_{Dir2}-

| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -2.9 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -2.9 | 12704.9 |
| Total Load on Structure | 0.0 | -2.9 | 12704.9 |

40 (Operating) STR₁-1.35G+1.5Q+1.5RQ


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 16639.2 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

41 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P5 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

42 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P4 Dir2

| Load Type | Force [kN] | | |
|--------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
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| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

43 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P3 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

44 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P2 Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

45 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P1 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

46 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P5 Dir1

| Load Type | Force [kN] | | |
|--------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | | Sheet no. Page 17/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | Date | App'd by |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

47 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P4 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

48 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P3 Dir1


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

49 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P2 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

50 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P1 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 13372.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 16639.2 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | Sheet no. Page 18/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

51 (Operating) STR_{3,1}-1.35G+1.5Q+1.5RQ+EHF_{Dir1+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 3.8 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 3.8 | 0.0 | 16639.2 |
| Total Load on Structure | 3.8 | 0.0 | 16639.2 |

52 (Operating) STR_{3,2}-1.35G+1.5Q+1.5RQ+EHF_{Dir1-}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -3.8 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -3.8 | 0.0 | 16639.2 |
| Total Load on Structure | -3.8 | 0.0 | 16639.2 |


53 (Operating) STR_{3,3}-1.35G+1.5Q+1.5RQ+EHF_{Dir2+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 3.8 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 3.8 | 16639.2 |
| Total Load on Structure | 0.0 | 3.8 | 16639.2 |

54 (Operating) STR_{3,4}-1.35G+1.5Q+1.5RQ+EHF_{Dir2-}

| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2588.6 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -3.8 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 14050.6 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -3.8 | 16639.2 |
| Total Load on Structure | 0.0 | -3.8 | 16639.2 |

55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | | Sheet no. Page 19/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | Date | App'd by |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 12006.8 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 0.0 | 14116.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

56 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

57 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir2


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

58 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

59 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir2

| Load Type | Force [kN] | | |
|----------------|------------|-----|--------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
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| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

60 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir2

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

61 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir1


| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

62 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

63 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | | Sheet no. Page 21/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | Date | App'd by |

64 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |

65 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir1

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 2109.2 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 11328.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total Load on Structure | 0.0 | 0.0 | 14116.0 |


66 (Operating) GEO_{1.1}-G+1.3Q+1.3RQ+EHF_{Dir1+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 2.9 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 2.9 | 0.0 | 12704.9 |
| Total Load on Structure | 2.9 | 0.0 | 12704.9 |

67 (Operating) GEO_{1.2}-G+1.3Q+1.3RQ+EHF_{Dir1-}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -2.9 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -2.9 | 0.0 | 12704.9 |
| Total Load on Structure | -2.9 | 0.0 | 12704.9 |

68 (Operating) GEO_{1.3}-G+1.3Q+1.3RQ+EHF_{Dir2+}

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | Sheet no. Page 22/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 2.9 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 2.9 | 12704.9 |
| Total Load on Structure | 0.0 | 2.9 | 12704.9 |

69 (Operating) $GEO_{1.4}-G+1.3Q+1.3RQ+E_{HF}^{Dir2-}$

| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -2.9 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 10787.4 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -2.9 | 12704.9 |
| Total Load on Structure | 0.0 | -2.9 | 12704.9 |


70 (Operating) $SEIS_{1.1}-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+E_{HF}^{Dir1+}$

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 2.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 2.4 | 0.0 | 10512.9 |
| Total Load on Structure | 2.4 | 0.0 | 10512.9 |
| Total Reaction | -2.4 | 0.0 | 10512.9 |

71 (Operating) $SEIS_{1.2}-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+E_{HF}^{Dir1-}$

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -2.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -2.4 | 0.0 | 10512.9 |
| Total Load on Structure | -2.4 | 0.0 | 10512.9 |
| Total Reaction | 2.4 | 0.0 | 10512.9 |

72 (Operating) $SEIS_{1.3}-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+E_{HF}^{Dir2+}$

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | | Sheet no. Page 23/43 | |
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| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 2.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 2.4 | 10512.9 |
| Total Load on Structure | 0.0 | 2.4 | 10512.9 |
| Total Reaction | 0.0 | -2.4 | 10512.9 |

73 (Operating) $SEIS_{1.4-G} + \psi_2 Q + \psi_2 RQ \pm A_{Ed} + EHF_{Dir2-}$


| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -2.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -2.4 | 10512.9 |
| Total Load on Structure | 0.0 | -2.4 | 10512.9 |
| Total Reaction | 0.0 | 2.4 | 10512.9 |

74 (Operating) $SEIS_{3.1-G} \pm A_{Ed} + EHF_{Dir1+}$

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 2.3 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 2.3 | 0.0 | 10092.7 |
| Total Load on Structure | 2.3 | 0.0 | 10092.7 |
| Total Reaction | -2.3 | 0.0 | 10092.7 |

75 (Operating) $SEIS_{3.2-G} \pm A_{Ed} + EHF_{Dir1-}$

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -2.3 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -2.3 | 0.0 | 10092.7 |
| Total Load on Structure | -2.3 | 0.0 | 10092.7 |
| Total Reaction | 2.3 | 0.0 | 10092.7 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | Sheet no. Page 24/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

76 (Operating) SEIS_{3,3}-G±A_{Ed}+EHF_{Dir2+}

| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 2.3 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 2.3 | 10092.7 |
| Total Load on Structure | 0.0 | 2.3 | 10092.7 |
| Total Reaction | 0.0 | -2.3 | 10092.7 |

77 (Operating) SEIS_{3,4}-G±A_{Ed}+EHF_{Dir2-}


| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -2.3 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -2.3 | 10092.7 |
| Total Load on Structure | 0.0 | -2.3 | 10092.7 |
| Total Reaction | 0.0 | 2.3 | 10092.7 |

78 (Final) SEIS_{1,1}-G+ψ₂Q+ψ₂RQ±A_{Ed}+EHF_{Dir1+}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 2.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 2.4 | 0.0 | 10512.9 |
| Total Load on Structure | 2.4 | 0.0 | 10512.9 |
| Total Reaction | -2.4 | 0.0 | 10512.9 |

79 (Final) SEIS_{1,2}-G+ψ₂Q+ψ₂RQ±A_{Ed}+EHF_{Dir1-}

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -2.4 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -2.4 | 0.0 | 10512.9 |
| Total Load on Structure | -2.4 | 0.0 | 10512.9 |
| Total Reaction | 2.4 | 0.0 | 10512.9 |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | | Sheet no. Page 25/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | Date | App'd by |

80 (Final) $SEIS_{1.3-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+EHF_{Dir2+}}$

| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 2.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 2.4 | 10512.9 |
| Total Load on Structure | 0.0 | 2.4 | 10512.9 |
| Total Reaction | 0.0 | -2.4 | 10512.9 |

81 (Final) $SEIS_{1.4-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+EHF_{Dir2-}}$


| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -2.4 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8595.5 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -2.4 | 10512.9 |
| Total Load on Structure | 0.0 | -2.4 | 10512.9 |
| Total Reaction | 0.0 | 2.4 | 10512.9 |

82 (Final) $SEIS_{3.1-G\pm A_{Ed}+EHF_{Dir1+}}$

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 2.3 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 2.3 | 0.0 | 10092.7 |
| Total Load on Structure | 2.3 | 0.0 | 10092.7 |
| Total Reaction | -2.3 | 0.0 | 10092.7 |

83 (Final) $SEIS_{3.2-G\pm A_{Ed}+EHF_{Dir1-}}$

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | -2.3 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 0.0 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | -2.3 | 0.0 | 10092.7 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | Sheet no. Page 26/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

| Load Type | Force [kN] | | |
|-------------------------|------------|-----|---------|
| | X | Y | Z |
| Total Load on Structure | -2.3 | 0.0 | 10092.7 |
| Total Reaction | 2.3 | 0.0 | 10092.7 |

84 (Final) SEIS_{3,3}-G±A_{Ed}+EHF_{Dir2+}


| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | 2.3 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | 2.3 | 10092.7 |
| Total Load on Structure | 0.0 | 2.3 | 10092.7 |
| Total Reaction | 0.0 | -2.3 | 10092.7 |

85 (Final) SEIS_{3,4}-G±A_{Ed}+EHF_{Dir2-}


| Load Type | Force [kN] | | |
|-------------------------|------------|------|---------|
| | X | Y | Z |
| Member Loads | 0.0 | 0.0 | 1917.5 |
| Nodal Loads | 0.0 | 0.0 | 0.0 |
| Total NHF Dir1 | 0.0 | 0.0 | 0.0 |
| Total NHF Dir2 | 0.0 | -2.3 | 0.0 |
| Decomposable Loads | 0.0 | 0.0 | 8175.2 |
| 1 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| 2 Way Decomp Results | 0.0 | 0.0 | 0.0 |
| Total User Applied Load | 0.0 | -2.3 | 10092.7 |
| Total Load on Structure | 0.0 | -2.3 | 10092.7 |
| Total Reaction | 0.0 | 2.3 | 10092.7 |

Combinations

| Name | Class | Active | Strength | Service |
|--|------------|--------|----------|---------|
| 1 Seismic Inertia | Modal Mass | • | • | |
| 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ | Gravity | • | • | |
| 3 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P1 Dir1 | Gravity | • | • | |
| 4 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P2 Dir1 | Gravity | • | • | |
| 5 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P3 Dir1 | Gravity | • | • | |
| 6 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P4 Dir1 | Gravity | • | • | |
| 7 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P5 Dir1 | Gravity | • | • | |
| 8 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P1 Dir2 | Gravity | • | • | |
| 9 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P2 Dir2 | Gravity | • | • | |
| 10 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P3 Dir2 | Gravity | • | • | |
| 11 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P4 Dir2 | Gravity | • | • | |
| 12 2 (Final) STR ₁ -1.35G+1.5Q+1.5RQ P5 Dir2 | Gravity | • | • | |
| 13 (Final) STR _{3,1} -1.35G+1.5Q+1.5RQ+EHF _{Dir1+} | Lateral | • | • | |
| 14 (Final) STR _{3,2} -1.35G+1.5Q+1.5RQ+EHF _{Dir1-} | Lateral | • | • | |
| 15 (Final) STR _{3,3} -1.35G+1.5Q+1.5RQ+EHF _{Dir2+} | Lateral | • | • | |
| 16 (Final) STR _{3,4} -1.35G+1.5Q+1.5RQ+EHF _{Dir2-} | Lateral | • | • | |
| 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ | Gravity | • | • | |
| 18 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P4 Dir1 | Gravity | • | • | |
| 19 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P3 Dir1 | Gravity | • | • | |

| | | | | | | | | |
|---|-----------|---------|-----------------|----------|-----------|----------|---------------------|--|
|  PALMA CONSTRUCTION | Project | | Kopshti 50 | | Job Ref. | | Projektim Struktura | |
| | Structure | | Rama Beton Arme | | Sheet no. | | Page 27/43 | |
| | Calc. by | V.Gruda | Chk'd by | V. Gruda | Date | App'd by | Date | |

| Name | Class | Active | Strength | Service |
|--|-------------|--------|----------|---------|
| 20 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P2 Dir1 | Gravity | ● | ● | |
| 21 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P1 Dir1 | Gravity | ● | ● | |
| 22 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P5 Dir1 | Gravity | ● | ● | |
| 23 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P1 Dir2 | Gravity | ● | ● | |
| 24 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P2 Dir2 | Gravity | ● | ● | |
| 25 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P3 Dir2 | Gravity | ● | ● | |
| 26 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P4 Dir2 | Gravity | ● | ● | |
| 27 17 (Final) EQU ₁ -1.1G+1.5Q+1.5RQ P5 Dir2 | Gravity | ● | ● | |
| 28 (Final) GEO _{1.1} -G+1.3Q+1.3RQ+EHF _{Dir1+} | Lateral | ● | ● | |
| 29 (Final) GEO _{1.2} -G+1.3Q+1.3RQ+EHF _{Dir1-} | Lateral | ● | ● | |
| 30 (Final) GEO _{1.3} -G+1.3Q+1.3RQ+EHF _{Dir2+} | Lateral | ● | ● | |
| 31 (Final) GEO _{1.4} -G+1.3Q+1.3RQ+EHF _{Dir2-} | Lateral | ● | ● | |
| 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ | Gravity | ● | | ● |
| 41 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P5 Dir2 | Gravity | ● | | ● |
| 42 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P4 Dir2 | Gravity | ● | | ● |
| 43 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P3 Dir2 | Gravity | ● | | ● |
| 44 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P2 Dir2 | Gravity | ● | | ● |
| 45 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P1 Dir2 | Gravity | ● | | ● |
| 46 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P5 Dir1 | Gravity | ● | | ● |
| 47 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P4 Dir1 | Gravity | ● | | ● |
| 48 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P3 Dir1 | Gravity | ● | | ● |
| 49 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P2 Dir1 | Gravity | ● | | ● |
| 50 40 (Operating) STR ₁ -1.35G+1.5Q+1.5RQ P1 Dir1 | Gravity | ● | | ● |
| 51 (Operating) STR _{3.1} -1.35G+1.5Q+1.5RQ+EHF _{Dir1+} | Lateral | ● | | ● |
| 52 (Operating) STR _{3.2} -1.35G+1.5Q+1.5RQ+EHF _{Dir1-} | Lateral | ● | | ● |
| 53 (Operating) STR _{3.3} -1.35G+1.5Q+1.5RQ+EHF _{Dir2+} | Lateral | ● | | ● |
| 54 (Operating) STR _{3.4} -1.35G+1.5Q+1.5RQ+EHF _{Dir2-} | Lateral | ● | | ● |
| 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ | Gravity | ● | | ● |
| 56 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P5 Dir2 | Gravity | ● | | ● |
| 57 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P4 Dir2 | Gravity | ● | | ● |
| 58 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P3 Dir2 | Gravity | ● | | ● |
| 59 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P2 Dir2 | Gravity | ● | | ● |
| 60 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P1 Dir2 | Gravity | ● | | ● |
| 61 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P5 Dir1 | Gravity | ● | | ● |
| 62 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P4 Dir1 | Gravity | ● | | ● |
| 63 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P3 Dir1 | Gravity | ● | | ● |
| 64 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P2 Dir1 | Gravity | ● | | ● |
| 65 55 (Operating) EQU ₁ -1.1G+1.5Q+1.5RQ P1 Dir1 | Gravity | ● | | ● |
| 66 (Operating) GEO _{1.1} -G+1.3Q+1.3RQ+EHF _{Dir1+} | Lateral | ● | | ● |
| 67 (Operating) GEO _{1.2} -G+1.3Q+1.3RQ+EHF _{Dir1-} | Lateral | ● | | ● |
| 68 (Operating) GEO _{1.3} -G+1.3Q+1.3RQ+EHF _{Dir2+} | Lateral | ● | | ● |
| 69 (Operating) GEO _{1.4} -G+1.3Q+1.3RQ+EHF _{Dir2-} | Lateral | ● | | ● |
| 70 (Operating) SEIS _{1.1} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir1+} | Seismic RSA | ● | | ● |
| 71 (Operating) SEIS _{1.2} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir1-} | Seismic RSA | ● | | ● |
| 72 (Operating) SEIS _{1.3} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir2+} | Seismic RSA | ● | | ● |
| 73 (Operating) SEIS _{1.4} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir2-} | Seismic RSA | ● | | ● |
| 74 (Operating) SEIS _{3.1} -G \pm A _{Ed} +EHF _{Dir1+} | Seismic RSA | ● | | ● |
| 75 (Operating) SEIS _{3.2} -G \pm A _{Ed} +EHF _{Dir1-} | Seismic RSA | ● | | ● |
| 76 (Operating) SEIS _{3.3} -G \pm A _{Ed} +EHF _{Dir2+} | Seismic RSA | ● | | ● |
| 77 (Operating) SEIS _{3.4} -G \pm A _{Ed} +EHF _{Dir2-} | Seismic RSA | ● | | ● |
| 78 (Final) SEIS _{1.1} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir1+} | Seismic RSA | ● | ● | |
| 79 (Final) SEIS _{1.2} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir1-} | Seismic RSA | ● | ● | |
| 80 (Final) SEIS _{1.3} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir2+} | Seismic RSA | ● | ● | |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
| | Structure Rama Beton Arme | | Sheet no. Page 28/43 | |
| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

| Name | Class | Active | Strength | Service |
|---|-------------|--------|----------|---------|
| 81 (Final) SEIS _{1.4} -G+ ψ_2 Q+ ψ_2 RQ \pm A _{Ed} +EHF _{Dir2} - | Seismic RSA | ● | ● | |
| 82 (Final) SEIS _{3.1} -G \pm A _{Ed} +EHF _{Dir1} + | Seismic RSA | ● | ● | |
| 83 (Final) SEIS _{3.2} -G \pm A _{Ed} +EHF _{Dir1} - | Seismic RSA | ● | ● | |
| 84 (Final) SEIS _{3.3} -G \pm A _{Ed} +EHF _{Dir2} + | Seismic RSA | ● | ● | |
| 85 (Final) SEIS _{3.4} -G \pm A _{Ed} +EHF _{Dir2} - | Seismic RSA | ● | ● | |

1 Seismic Inertia

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 1.000 |
| 2 Slab self weight | 1.000 | 1.000 |
| 3 Dead | 1.000 | 1.000 |
| 4 Services | 1.000 | 1.000 |
| 5 Imposed | 0.240 | 1.000 |
| 19 Roof | 0.000 | 1.000 |

2 (Final) STR₁-1.35G+1.5Q+1.5RQ

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 5 Imposed | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

3 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P1 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 6 5 Imposed P1 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |


4 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P2 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 7 5 Imposed P2 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

5 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P3 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 8 5 Imposed P3 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

6 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P4 Dir1

| | | | | | | |
|---|------------|----------|------------|---------------------|------|--|
|  PALMA CONSTRUCTION | Project | | | Job Ref. | | |
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| | Structure | | | Sheet no. | | |
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| V.Gruda | | V. Gruda | | | | |

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 9 5 Imposed P4 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

7 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P5 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 10 5 Imposed P5 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

8 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P1 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 11 5 Imposed P1 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

9 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P2 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 12 5 Imposed P2 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |


10 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P3 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 13 5 Imposed P3 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

11 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P4 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 14 5 Imposed P4 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

12 2 (Final) STR₁-1.35G+1.5Q+1.5RQ P5 Dir2

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
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| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 15 5 Imposed P5 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

13 (Final) STR_{3,1}-1.35G+1.5Q+1.5RQ+EHF_{Dir1+}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir1+} | 1.000 | 0.000 |

14 (Final) STR_{3,2}-1.35G+1.5Q+1.5RQ+EHF_{Dir1-}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir1-} | 1.000 | 0.000 |

15 (Final) STR_{3,3}-1.35G+1.5Q+1.5RQ+EHF_{Dir2+}


| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir2+} | 1.000 | 0.000 |

16 (Final) STR_{3,4}-1.35G+1.5Q+1.5RQ+EHF_{Dir2-}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir2-} | 1.000 | 0.000 |

17 (Final) EQU₁-1.1G+1.5Q+1.5RQ

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
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| | Calc. by V.Gruda | | Chk'd by V. Gruda | Date | App'd by |

| Loadcase Title | Strength | Service | SLS Quasi |
|----------------|----------|---------|-----------|
| 5 Imposed | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

18 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 9 5 Imposed P4 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

19 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 8 5 Imposed P3 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

20 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 7 5 Imposed P2 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

21 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir1


| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 6 5 Imposed P1 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

22 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 10 5 Imposed P5 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

23 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
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| Loadcase Title | Strength | Service | SLS Quasi |
|----------------------|----------|---------|-----------|
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 11 5 Imposed P1 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

24 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 12 5 Imposed P2 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

25 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 13 5 Imposed P3 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

26 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 14 5 Imposed P4 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |


27 17 (Final) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 15 5 Imposed P5 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

28 (Final) GEO_{1,1}-G+1.3Q+1.3RQ+EHF_{Dir1+}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF _{Dir1+} | 1.000 | 0.000 |

29 (Final) GEO_{1,2}-G+1.3Q+1.3RQ+EHF_{Dir1-}

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
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| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF _{Dir1-} | 1.000 | 0.000 |

30 (Final) GEO_{1,3}-G+1.3Q+1.3RQ+EHF_{Dir2+}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF _{Dir2+} | 1.000 | 0.000 |

31 (Final) GEO_{1,4}-G+1.3Q+1.3RQ+EHF_{Dir2-}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF _{Dir2-} | 1.000 | 0.000 |

40 (Operating) STR₁-1.35G+1.5Q+1.5RQ


| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 5 Imposed | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

41 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P5 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 15 5 Imposed P5 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

42 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P4 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 14 5 Imposed P4 Dir2 | 1.500 | 1.000 | 0.300 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
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| | Calc. by V.Gruda | | Chk'd by V. Gruda | App'd by |

| Loadcase Title | Strength | Service | SLS Quasi |
|----------------|----------|---------|-----------|
| 19 Roof | 1.500 | 1.000 | 0.000 |

43 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P3 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 13 5 Imposed P3 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

44 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P2 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 12 5 Imposed P2 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

45 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P1 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 11 5 Imposed P1 Dir2 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

46 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P5 Dir1


| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 10 5 Imposed P5 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

47 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P4 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 9 5 Imposed P4 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

48 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P3 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |

| | | | | | | |
|---|------------|----------|------------|---------------------|------|--|
|  PALMA CONSTRUCTION | Project | | | Job Ref. | | |
| | Kopshti 50 | | | Projektim Struktura | | |
| | Structure | | | Sheet no. | | |
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| Calc. by | | Chk'd by | Date | App'd by | Date | |
| V.Gruda | | V. Gruda | | | | |

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------|----------|---------|-----------|
| 4 Services | 1.350 | 1.000 | 1.000 |
| 8 5 Imposed P3 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

49 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P2 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 7 5 Imposed P2 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

50 40 (Operating) STR₁-1.35G+1.5Q+1.5RQ P1 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 | 1.000 |
| 3 Dead | 1.350 | 1.000 | 1.000 |
| 4 Services | 1.350 | 1.000 | 1.000 |
| 6 5 Imposed P1 Dir1 | 1.500 | 1.000 | 0.300 |
| 19 Roof | 1.500 | 1.000 | 0.000 |

51 (Operating) STR_{3,1}-1.35G+1.5Q+1.5RQ+EHF_{Dir1+}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir1+} | 1.000 | 0.000 |


52 (Operating) STR_{3,2}-1.35G+1.5Q+1.5RQ+EHF_{Dir1-}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir1-} | 1.000 | 0.000 |

53 (Operating) STR_{3,3}-1.35G+1.5Q+1.5RQ+EHF_{Dir2+}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir2+} | 1.000 | 0.000 |

54 (Operating) STR_{3,4}-1.35G+1.5Q+1.5RQ+EHF_{Dir2-}

| | | | | | | |
|---|-----------|---------|-----------------|----------|-----------|---------------------|
|  PALMA CONSTRUCTION | Project | | Kopshti 50 | | Job Ref. | Projektim Struktura |
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| | Calc. by | V.Gruda | Chk'd by | V. Gruda | App'd by | |

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.350 | 1.000 |
| 2 Slab self weight | 1.350 | 1.000 |
| 3 Dead | 1.350 | 1.000 |
| 4 Services | 1.350 | 1.000 |
| 5 Imposed | 1.500 | 1.000 |
| 19 Roof | 1.500 | 1.000 |
| EHF _{Dir2} | 1.000 | 0.000 |

55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 5 Imposed | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

56 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 15 5 Imposed P5 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

57 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir2


| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 14 5 Imposed P4 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

58 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 13 5 Imposed P3 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

59 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 12 5 Imposed P2 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

| | | | | | |
|---|------------|----------|------------|---------------------|------|
|  PALMA CONSTRUCTION | Project | | | Job Ref. | |
| | Kopshti 50 | | | Projektim Struktura | |
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| Calc. by | | Chk'd by | Date | App'd by | Date |
| V.Gruda | | V. Gruda | | | |

60 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir2

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 11 5 Imposed P1 Dir2 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

61 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P5 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 10 5 Imposed P5 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

62 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P4 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 9 5 Imposed P4 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

63 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P3 Dir1


| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 8 5 Imposed P3 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

64 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P2 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 7 5 Imposed P2 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

65 55 (Operating) EQU₁-1.1G+1.5Q+1.5RQ P1 Dir1

| Loadcase Title | Strength | Service | SLS Quasi |
|---------------------------------|----------|---------|-----------|
| 1 Self weight - excluding slabs | 1.100 | 0.000 | 0.000 |
| 2 Slab self weight | 1.100 | 0.000 | 0.000 |
| 3 Dead | 1.100 | 0.000 | 0.000 |
| 4 Services | 1.100 | 0.000 | 0.000 |
| 6 5 Imposed P1 Dir1 | 1.500 | 0.000 | 0.000 |
| 19 Roof | 1.500 | 0.000 | 0.000 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | Job Ref. Projektim Struktura | |
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66 (Operating) $GEO_{1.1-G+1.3Q+1.3RQ+EHF_{Dir1+}}$

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF_{Dir1+} | 1.000 | 0.000 |

67 (Operating) $GEO_{1.2-G+1.3Q+1.3RQ+EHF_{Dir1-}}$

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF_{Dir1-} | 1.000 | 0.000 |

68 (Operating) $GEO_{1.3-G+1.3Q+1.3RQ+EHF_{Dir2+}}$

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF_{Dir2+} | 1.000 | 0.000 |


69 (Operating) $GEO_{1.4-G+1.3Q+1.3RQ+EHF_{Dir2-}}$

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 1.300 | 0.000 |
| 19 Roof | 1.300 | 0.000 |
| EHF_{Dir2-} | 1.000 | 0.000 |

70 (Operating) $SEIS_{1.1-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+EHF_{Dir1+}}$

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF_{Dir1+} | 1.000 | 0.000 |

71 (Operating) $SEIS_{1.2-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+EHF_{Dir1-}}$

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
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| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir1-} | 1.000 | 0.000 |

72 (Operating) SEIS_{1.3-G+ψ₂Q+ψ₂RQ±A_{Ed}+EHF_{Dir2+}}

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir2+} | 1.000 | 0.000 |

73 (Operating) SEIS_{1.4-G+ψ₂Q+ψ₂RQ±A_{Ed}+EHF_{Dir2-}}


| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir2-} | 1.000 | 0.000 |

74 (Operating) SEIS_{3.1-G±A_{Ed}+EHF_{Dir1+}}

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir1+} | 1.000 | 0.000 |

75 (Operating) SEIS_{3.2-G±A_{Ed}+EHF_{Dir1-}}

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
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| Loadcase Title | Strength | Service |
|---|----------|---------|
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir1-} | 1.000 | 0.000 |

76 (Operating) SEIS_{3,3}-G±A_{Ed}+EHF_{Dir2+}

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir2+} | 1.000 | 0.000 |

77 (Operating) SEIS_{3,4}-G±A_{Ed}+EHF_{Dir2-}


| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir2-} | 1.000 | 0.000 |

78 (Final) SEIS_{1,1}-G+ψ₂Q+ψ₂RQ±A_{Ed}+EHF_{Dir1+}

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir1+} | 1.000 | 0.000 |

79 (Final) SEIS_{1,2}-G+ψ₂Q+ψ₂RQ±A_{Ed}+EHF_{Dir1-}

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir1-} | 1.000 | 0.000 |

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
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80 (Final) $SEIS_{1.3-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+EHF_{Dir2+}}$

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF_{Dir2+} | 1.000 | 0.000 |

81 (Final) $SEIS_{1.4-G+\psi_2Q+\psi_2RQ\pm A_{Ed}+EHF_{Dir2-}}$

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 5 Imposed | 0.300 | 0.000 |
| 19 Roof | 0.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF_{Dir2-} | 1.000 | 0.000 |

82 (Final) $SEIS_{3.1-G\pm A_{Ed}+EHF_{Dir1+}}$


| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF_{Dir1+} | 1.000 | 0.000 |

83 (Final) $SEIS_{3.2-G\pm A_{Ed}+EHF_{Dir1-}}$

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 1.200 | 0.000 |
| 17 Seismic Dir2 | 0.360 | 0.000 |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | 1.200 | 0.000 |
| EHF_{Dir1-} | 1.000 | 0.000 |

84 (Final) $SEIS_{3.3-G\pm A_{Ed}+EHF_{Dir2+}}$

| Loadcase Title | Strength | Service |
|---------------------------------|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |

| | | | | |
|---|------------------------------|--|---------------------------------|----------|
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| Loadcase Title | Strength | Service |
|---|----------|---------|
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir2+} | 1.000 | 0.000 |

85 (Final) SEIS_{3,4}-G±A_{Ed}+EHF_{Dir2-}

| Loadcase Title | Strength | Service |
|---|----------|---------|
| 1 Self weight - excluding slabs | 1.000 | 0.000 |
| 2 Slab self weight | 1.000 | 0.000 |
| 3 Dead | 1.000 | 0.000 |
| 4 Services | 1.000 | 0.000 |
| 16 Seismic Dir1 | 0.360 | 0.000 |
| 17 Seismic Dir2 | 1.200 | 0.000 |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | 1.200 | 0.000 |
| EHF _{Dir2-} | 1.000 | 0.000 |

Loadcases

| Loadcase Title | Type | Calculate Automatically | Include In Generator | Imposed Load Reductions | Pattern Load |
|---|--------------|-------------------------|----------------------|-------------------------|--------------|
| 1 Self weight - excluding slabs | SelfWeight | • | • | | |
| 2 Slab self weight | Slab Dry | • | • | | |
| 3 Dead | Dead | | • | | |
| 4 Services | Dead | | • | | |
| 5 Imposed | Imposed | | • | | • |
| 16 Seismic Dir1 | Seismic RSA | • | • | | |
| 17 Seismic Dir2 | Seismic RSA | • | • | | |
| 21 Seismic Torsion 30.00%Dir1 100.00%Dir2 | Seismic RSA | • | | | |
| 19 Roof | Roof Imposed | | • | | |
| 18 Seismic | Seismic | | | | |
| 20 Seismic Torsion 100.00%Dir1 30.00%Dir2 | Seismic RSA | • | | | |

2 Slab self weight

No loads.

3 Dead

Kt. 1 (1)

Level Load

| No. | Load [kN/m ²] |
|-----|---------------------------|
| 1 | 2.000 |


Kt. 2 (2)

Slab Load

| No. | Slab | Load [kN/m ²] |
|-----|------|---------------------------|
| 1 | S 23 | 3.000 |
| 2 | S 24 | 3.000 |
| 3 | S 15 | 3.000 |
| 4 | S 25 | 3.000 |

4 Services

No loads.

| | | | | | |
|---|------------------------------|--|----------------------|---------------------------------|----------|
|  PALMA CONSTRUCTION | Project Kopshti 50 | | | Job Ref. Projektim Struktura | |
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5 Imposed

Kt. 1 (1)

Perimeter Load

| No. | Load [kN/m] |
|-----|----------------|
| 1 | 5.0 |

Slab Load

| No. | Slab | Load [kN/m ²] |
|-----|------|------------------------------|
| 1 | S 21 | 3.000 |
| 2 | S 19 | 3.000 |
| 3 | S 26 | 5.000 |
| 4 | S 22 | 3.000 |

16 Seismic Dir1

No loads.

17 Seismic Dir2

No loads.

21 Seismic Torsion 30.00%Dir1 100.00%Dir2

No loads.

19 Roof

Kt. 2 (2)

Slab Load

| No. | Slab | Load [kN/m ²] |
|-----|------|------------------------------|
| 1 | S 24 | 1.000 |
| 2 | S 25 | 1.000 |
| 3 | S 23 | 1.000 |
| 4 | S 15 | 1.000 |

Perimeter Load

| No. | Load [kN/m] |
|-----|----------------|
| 1 | 4.0 |

18 Seismic

No loads.

20 Seismic Torsion 100.00%Dir1 30.00%Dir2

No loads.