



$$f_{ck} = 2.5 \text{ kN/cm}^2 \quad f_{yk} = 50 \text{ kN/cm}^2$$

$$a = 10 \text{ cm} \quad f_{ywd} = 43.48 \text{ kN/cm}^2$$

$$f_{cd} = 1.63 \text{ kN/cm}^2$$

Po Najdanoviču diagram 501 in 120

	smer vzbujanja		smer vzbujanja		$f_{cd} = 1.63 \text{ kN/cm}^2$ Po Najdanoviču diagram 501 in 120															
stena/etaža	X	Y	X	Y	mreža na eni strani!										strižna			robna		
X.C.11-10	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	189.4	66.4	757.8	265.5	200.7	802.9	532.5	301.1	802.9	0.25	4.65	0.009	0.028	-0.013	0.028	min	min	0.93	0.7	0.70
2	320.9	117.2	2008.8	717.8	341.7	2133.1	967.7	512.5	2449.3	0.25	4.65	0.028	0.051	0.007	0.051	2.97	0.16	1.58	1.9	1.19
1	472.1	187.0	3835.6	1436.0	507.8	4095.6	1402.8	761.7	4095.6	0.25	4.65	0.046	0.074	0.029	0.074	12.51	0.67	2.35	4.9	1.77

Po Najdanoviču diagram 501 in 120

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y	nreža na eni strani!										strižna		robna			
X.C.10-9	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	189.4	66.4	757.8	265.5	200.7	802.9	532.5	301.1	802.9	0.25	4.65	0.009	0.028	-0.013	0.028	min	min	0.93	0.7	0.70
2	320.9	117.2	2008.8	717.8	341.7	2133.1	967.7	512.5	2449.3	0.25	4.65	0.028	0.051	0.007	0.051	2.97	0.16	1.58	1.9	1.19
1	472.1	187.0	3835.6	1436.0	507.8	4095.6	1402.8	761.7	4095.6	0.25	4.65	0.046	0.074	0.029	0.074	12.51	0.67	2.35	4.9	1.77

Po Najdanoviču diagram 501 in 120

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y	reža na eni strani!										strižna		robna			
X.C.8-7	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	799.3	283.1	3197.1	1132.2	847.9	3391.6	1208.3	1271.9	3391.6	0.25	7.30	0.016	0.041	-0.011	0.041	min	min	2.50	1.9	1.88
2	1058.8	388.3	7384.0	2661.1	1127.7	7848.9	2176.9	1691.6	7881.9	0.25	7.30	0.036	0.073	0.006	0.073	3.80	0.13	3.33	3.4	2.50
1	1082.5	423.8	11600.5	4301.1	1162.5	12372.2	3145.4	1743.8	12372.2	0.25	7.30	0.057	0.105	0.025	0.105	17.45	0.60	3.43	6.9	2.58

Po Najdanoviču diagram 501 in 120

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120																		
	X	Y	X	Y	mreža na eni strani!										strižna					robna			
X.C.6-5	Q_x	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]			
3	867.0	307.3	3468.0	1229.0	919.8	3679.3	1270.3	1379.7	3679.3	0.25	7.50	0.016	0.041	-0.011	0.041	min	min	2.64	2.0	1.98			
2	1131.8	415.0	7946.3	2864.7	1205.5	8446.8	2287.5	1808.2	8435.3	0.25	7.50	0.037	0.075	0.005	0.075	3.64	0.12	3.47	3.5	2.60			
1	1135.1	444.1	12369.2	4583.8	1218.8	13191.3	3304.7	1828.2	13191.3	0.25	7.50	0.057	0.108	0.025	0.108	17.45	0.58	3.50	7.0	2.63			

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y											nreža na eni strani!			strižna		robna
X.C.4-3	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	867.0	307.3	3468.0	1229.0	919.8	3679.3	1270.3	1379.7	3679.3	0.25	7.50	0.016	0.041	-0.011	0.041	min	min	2.64	2.0	1.98
2	1131.8	415.0	7946.3	2864.7	1205.5	8446.8	2287.5	1808.2	8435.3	0.25	7.50	0.037	0.075	0.005	0.075	3.64	0.12	3.47	3.5	2.60
1	1135.1	444.1	12369.2	4583.8	1218.8	13191.3	3304.7	1828.2	13191.3	0.25	7.50	0.057	0.108	0.025	0.108	17.45	0.58	3.50	7.0	2.63

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y											nreža na eni strani!			strižna		robna
X.C.2-1	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	389.5	137.1	1558.1	548.4	412.9	1651.7	792.6	619.4	1651.7	0.25	5.80	0.012	0.033	-0.012	0.033	min	min	1.54	1.2	1.15
2	587.4	215.2	3866.6	1388.4	625.6	4108.4	1433.8	938.4	4372.6	0.25	5.80	0.032	0.060	0.007	0.060	3.86	0.17	2.33	2.7	1.74
1	716.4	282.2	6647.2	2476.3	770.0	7093.5	2075.0	1154.9	7093.5	0.25	5.80	0.052	0.088	0.029	0.088	15.64	0.67	2.86	6.1	2.15

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y											nreža na eni strani!			strižna		robna
X.B.8-7	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	412.2	233.8	1648.8	935.2	473.9	1895.6	763.1	710.9	1895.6	0.25	5.68	0.014	0.033	-0.006	0.033	min	min	1.80	1.3	1.35
2	609.9	351.9	4033.0	2310.6	704.2	4648.0	1380.9	1056.3	4913.0	0.25	5.68	0.037	0.059	0.021	0.059	11.02	0.49	2.67	4.8	2.00
1	729.5	427.2	6863.0	3973.6	845.3	7930.4	1998.8	1268.0	7930.4	0.25	5.68	0.060	0.086	0.050	0.086	26.88	1.18	3.21	9.1	2.41

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y											nreža na eni strani!			strižna		robna
X.B.6	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	64.8	36.5	259.1	145.9	74.3	297.4	277.1	111.5	297.4	0.25	3.20	0.007	0.021	-0.010	0.021	min	min	0.50	0.4	0.38
2	116.1	66.7	698.8	398.1	133.9	804.3	508.2	200.8	1066.6	0.25	3.20	0.025	0.039	0.013	0.039	4.01	0.31	0.90	1.7	0.68
1	230.6	135.3	1587.5	921.9	267.4	1835.8	739.2	401.1	1835.8	0.25	3.20	0.044	0.057	0.039	0.057	11.62	0.91	1.80	4.3	1.35

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y													nreža na eni strani!		strižna	robna
X.B.5-4	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	412.2	233.8	1648.8	935.2	473.9	1895.6	763.1	710.9	1895.6	0.25	5.68	0.014	0.033	-0.006	0.033	min	min	1.80	1.3	1.35
2	609.9	351.9	4033.0	2310.6	704.2	4648.0	1380.9	1056.3	4913.0	0.25	5.68	0.037	0.059	0.021	0.059	11.02	0.49	2.67	4.8	2.00
1	729.5	427.2	6863.0	3973.6	845.3	7930.4	1998.8	1268.0	7930.4	0.25	5.68	0.060	0.086	0.050	0.086	26.88	1.18	3.21	9.1	2.41

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y													nreža na eni strani!		strižna	robna
Y.C-D.9	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	399.4	1217.5	1597.6	4870.1	1281.4	5125.4	1147.9	1922.0	5125.4	0.25	7.10	0.025	0.040	0.011	0.040	7.53	0.27	3.89	4.8	2.92
2	532.0	1662.9	3682.8	11414.3	1745.9	11993.7	2068.9	2618.8	12182.2	0.25	7.10	0.059	0.071	0.061	0.071	40.63	1.43	5.30	14.1	3.98
1	558.5	1775.5	5833.6	18333.3	1861.3	19239.0	2990.0	2791.9	19239.0	0.25	7.10	0.093	0.103	0.116	0.103	77.67	2.73	5.65	23.7	4.24

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y													nreža na eni strani!		strižna	robna
Y.C-D.7	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	267.2	866.4	1069.0	3465.7	906.7	3626.8	1147.9	1360.1	3626.8	0.25	7.10	0.018	0.040	-0.005	0.040	min	min	2.75	2.1	2.07
2	361.0	1183.7	2487.7	8131.4	1237.5	8503.4	2068.9	1856.2	8631.3	0.25	7.10	0.042	0.071	0.020	0.071	13.66	0.48	3.76	6.2	2.82
1	383.3	1262.7	3970.1	13045.1	1319.6	13635.8	2990.0	1979.4	13635.8	0.25	7.10	0.066	0.103	0.050	0.103	33.57	1.18	4.01	11.4	3.01

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y													nreža na eni strani!		strižna	robna
Y.C-D.5	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	245.6	841.2	982.2	3364.7	876.3	3505.2	1147.9	1314.4	3505.2	0.25	7.10	0.017	0.040	-0.006	0.040	min	min	2.66	2.0	2.00
2	333.4	1149.8	2291.7	7907.0	1197.1	8232.4	2068.9	1795.7	8349.3	0.25	7.10	0.041	0.071	0.017	0.071	11.52	0.41	3.64	5.6	2.73
1	356.5	1227.3	3670.5	12672.5	1278.1	13193.4	2990.0	1917.1	13193.4	0.25	7.10	0.064	0.103	0.045	0.103	30.09	1.06	3.88	10.4	2.91

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y	mreža na eni strani!										strižna		robna			
Y.C-D.3	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	355.2	1163.2	1420.8	4652.8	1216.2	4864.9	1147.9	1824.3	4864.9	0.25	7.10	0.024	0.040	0.008	0.040	5.62	0.20	3.69	4.2	2.77
2	474.9	1590.0	3279.1	10931.2	1659.4	11412.4	2068.9	2489.1	11577.5	0.25	7.10	0.056	0.071	0.054	0.071	36.04	1.27	5.04	12.8	3.78
1	502.3	1699.6	5211.9	17531.7	1772.2	18290.1	2990.0	2658.4	18290.1	0.25	7.10	0.089	0.103	0.105	0.103	70.20	2.47	5.38	21.6	4.04

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120															
	X	Y	X	Y	mreža na eni strani!										strižna		robna			
Y.A-B.8	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]
3	24.8	75.1	99.1	300.5	79.1	316.4	290.5	118.7	316.4	0.20	3.40	0.008	0.026	-0.012	0.026	min	min	0.50	0.4	0.38
2	44.9	141.7	267.3	837.0	148.6	878.6	529.0	222.9	1179.6	0.20	3.40	0.031	0.048	0.018	0.048	4.59	0.34	0.94	1.9	0.71
1	89.5	288.2	608.3	1950.0	301.8	2042.7	767.6	452.7	2042.7	0.20	3.40	0.054	0.069	0.051	0.069	13.03	0.96	1.91	4.7	1.44

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120																	
	X	Y	X	Y											mreža na eni strani!					strižna		robna
Y.A-B.6	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]		
3	77.8	261.3	311.0	1045.1	272.6	1090.4	606.3	408.9	1090.4	0.25	5.00	0.011	0.030	-0.011	0.030	min	min	1.18	0.9	0.88		
2	128.4	435.9	808.0	2744.8	454.4	2861.2	1100.0	681.6	3220.1	0.25	5.00	0.032	0.054	0.013	0.054	5.98	0.30	1.96	3.0	1.47		
1	182.3	617.6	1509.9	5132.3	643.9	5349.8	1593.8	965.9	5349.8	0.25	5.00	0.052	0.078	0.039	0.078	18.34	0.92	2.78	6.7	2.08		

stena/etaža	smer vzbujanja		smer vzbujanja		Po Najdanoviču diagram 501 in 120																	
	X	Y	X	Y											mreža na eni strani!					strižna		robna
Y.A-B.4	Q_x [kN]	Q_y [kN]	M_x [kNm]	M_y [kNm]	ΣQ	ΣM	N_{Ed} [kN]	V_{Ed} [kN]	M_{Ed} [kNm]	b [m]	d [m]	m	n	μ	V_d	A_a [cm ²]	A_m [cm ² /m]	A_{sw}/s [cm ² /m]	A_r [cm ²]	ΔA_s [cm ²]		
3	22.0	70.9	88.2	283.6	74.2	297.0	290.5	111.4	297.0	0.20	3.40	0.008	0.026	-0.014	0.026	min	min	0.47	0.4	0.35		
2	40.1	135.8	237.5	805.2	141.6	839.5	529.0	212.3	1121.5	0.20	3.40	0.030	0.048	0.014	0.048	3.69	0.27	0.90	1.6	0.67		
1	80.8	276.9	545.3	1868.0	288.5	1946.0	767.6	432.8	1946.0	0.20	3.40	0.051	0.069	0.045	0.069	11.50	0.85	1.83	4.2	1.37		