Table S1. Building code design and construction requirements on masonry buildings' storey number, materials, measures and openings, with respect to building code era, where n designates number of storeys; h_{tot} total height of the structure from the top of the foundation; h clear height of a masonry wall; h_{ef} effective height of the wall; h_1,h_2 clear height of an openings (door, window); h_{wp}/l_{wp} height to length ratio of a wall part between the openings, where height is measured from the top of the floor or parapet up to the opening upper edge; l length of the wall; l_o opening length; t_{min} minimal thickness of a wall; t_{ef} effective thickness of the wall; $f_{b,min}$ and $f_{bh,min}$ minimum normalized compressive strength of masonry units normal and parallel to the bed face, respectively; f_m minimum compressive strength of mortar; $\rho_{A,min}$ minimum sum of cross-sectional areas of horizontal shear walls in each direction, as percentage of the total floor area per storey; n/a not acceptable.

Building Code Time-Period	**1965–1981 [38]**		**1981–1998 [39]**		**1999–2012 [40–42]**		**2013 and ongoing [35–37]**	
Number of Storeys:								
a) Buildings with horizontal confining elements and RCslabs (vulnerability class C [44])	°MCS VII	n = 5 (h_{tot} = 18 m)	°MCS VII	n = 3	PGA (g) <0.20	n = 3 ($\rho_{a.min}$ = 3.0%)	PGA (g) ≤0.10	n = 3 ($\rho_{a.min}$ = 5.0%)
	VIII	n = 4 (h_{tot} = 15 m)	VIII	n = 2	≥0.20	n = 2 ($\rho_{a.min}$ = 5.0%)	≤0.15	n = 2 ($\rho_{a.min}$ = 5.0%)
	IX	n= 3 (h_{tot} = 11 m)	IX	n/a	≥0.30	n = 2 ($\rho_{a.min}$ = 6.0%)	≤0.20	n/a
b) Buildings with horizontal and vertical confined elements and RC slabs (vulnerability class D [44])	VII	n = 5 (h_{tot} = 20 m)	VII	n = 4	<0.20	n = 4 ($\rho_{a.min}$ = 2.0%)	≤0.10	n = 4 ($\rho_{a.min}$ = 5.0%)
	VIII	n = 4 (h_{tot} = 20 m)	VIII	n = 3	≥0.20	n = 3 ($\rho_{a.min}$ = 4.0%)	≤0.15	n = 3 ($\rho_{a.min}$ = 4.0%)
	IX	n = 3 (h_{tot} = 18 m)	IX	n = 2	≥0.30	n = 2 ($\rho_{a.min}$ = 5.0%)	≤0.20	n = 2 ($\rho_{a.min}$ = 3.5%)
Materials:								
c) Min. mortar quality (note: use of cement mortar n/a for 1965–1981 [38])	°MCS VII / VIII	lime	cement-lime; M25 (2,5 N/mm²)		M5; $f_{m,min}$ = 5.0 N/mm²			
	IX	cement-lime	cement-lime; M50 (5,0 N/mm²)					
d) Min. masonry units' quality	solid bricks		MO75 (7,5 N/mm²)		$f_{b,min}$ = 2.5 N/mm²; $f_{bh,min}$ = 2 N/mm²; Groups 1, 2		$f_{b,min}$ = 5 N/mm²; $f_{bh,min}$ = 2 N/mm²	

Measures:							
e) Min. structural wall thickness, max. slenderness and min. aspect ratio	t_{min}≥250 mm		t_{min}≥190 mm		$t_{ef,min}$≥300 mm; $(h_{ef}/t_{ef})_{max}$≤12; $(l/h)_{min}$≤2 in case of a) $t_{ef,min}$≥240 mm; $(h_{ef}/t_{ef})_{max}$≤15; $(l/h)_{min}$≤3 in case of b)	$t_{ef,min}$≥240 mm; $(h_{ef}/t_{ef})_{max}$≤15; $(l/h)_{min}$≥0.3
Openings:							
f) Min. wall measures between openings (note: can be reduced by 25 cm in case vertical confining elements present for 1981–1998 [39])	°MCS	VII	64 cm; h_{wp} / l_{wp} = 4/1; $l_{wp,min}$ = 1/3l_o	°MCS	VII	1/3l_o	1/10(h_1+h_2) ≥ t
		VIII	77 cm; h_{wp} / l_{wp} = 3/1 $l_{wp,min}$=1/2l_o		VIII	2/3l_o	
		IX	90 cm; h_{wp} / l_{wp} = 2/1 $l_{wp,min}$ = 1/2l_o		IX	2/3l_o	
g) Min. length of a structural wall beyond openings	t for walls intersection 38 cm + f) for building's corner walls			not defined			> h/5
h) Max. opening measures (note: l_o can be increased by 30% if vertical confining elements added along opening edges over the entire height of the wall for 1965–1981 [38]and 1981–1998 [39])	not explicitly defined; can be increased if vertical confining elements added along opening edges over the entire height of the wall			°MCS	VII	l_o = 3,0 m	A_o≤1.5 m^2 without opening confinement; with opening confinement explicitly defined
					VIII	l_o = 2,5 m	
					IX	l_o = 2,5 m	

Table S2. Building code design and construction requirements on masonry buildings' horizontal and vertical confining elements with respect to building code era, where A_c cross-sectional area of the confinement; A_o opening area; A_s cross-sectional area of the reinforcement; b width of the confinement cross-section; d depth of the confinement cross-section; GA 240/360, i.e., f_{yk}=240 N/mm^2/f_{uk}=360 N/mm^2, where f_{yk} and f_{uk} are characteristic yield and ultimate strength of reinforcement, respectively; h clear height of a masonry wall; n number of storeys above ground; t thickness of the wall.

Building Code Time Period	**1965–1981 [38]**	**1981–1998 [39]**	**1999–2012 [40–42]**	**2013 and ongoing [35–37]**
	Horizontal confining elements:			
a) Mandatory	yes	yes	yes	yes
b) Placement	along and above all load-bearing walls			
	in 1/2 or 1/3 of the wall h if h>6 m	not defined	in the wall if h > 4 m	
c) Min. measures	d≥150 mm	d≥200 mm (not less than slab thickness)	d≥150 mm	d≥150 mm
	max (b≥150 mm or t)	b = t (can be 5 cm indent due to insulation placing)	max (b≥150 mm)	max (b≥150 mm)
d) Min. longitudinal reinforced steel content (note: dependent on the no. of storeys, wall length and seismicity; if h > 3.25 m confined elements should be strengthened for 1965–1981 [38])	°MCS VII 4 ø 10 mm; °MCS VIII 4 ø 10 mm; °MCS IX 4 ø 12 mm	4 ø 12 mm ($A_{s,min}$≥452 mm^2)	$A_{s,min}$≥240 mm^2	$A_{s,min}$≥200 mm^2
e) Material: Concrete	MB≥160 (approximately C12/15 in compliance with[X])			≥ C 16/20
e) Material: Reinforcing steel	≥ GA 240/360			Class B or C [36]
	Vertical confining elements:			
f) Mandatory	°MCS VII yes, if n>2; °MCS VIII yes, if n>2	°MCS VII yes, if n>3; °MCS VIII yes, if n>2	PGA (g) <0.20 yes, if n>3; PGA (g) ≥0.20 yes, if n>2	PGA (g) ≤0.10 yes, if n>3; PGA (g) ≤0.15 yes, if n>2

		IX yes	IX yes	≥0.30 yes, if n>1	≤0.20	yes
g) Placing	at building's corners	yes	yes	yes		yes
	at walls' intersection	yes	yes	yes		yes
	at walls' free ends	no	yes	yes		yes
	at opening edges (note: large open. not defined)	yes, in case of large openings			yes, if $A_0 \geq 1.5$ m^2	
	min. distance between confined elements	7 m	5 m		5 m	
h) Min. measures		d ≥ 150 mm	d ≥ 190 mm	d ≥ 150 mm	d ≥ 150 mm	
		b ≥ 150 mm or t	b ≥ 190 mm or t	b ≥ 150 mm	b ≥ 150 mm	
i) Min. reinforced steel content	longitudinal	4 ø 16 mm at n ≤ 2 4 ø 14 at n > 2	4 ø 14 mm (could be designed)	$A_{s,min} \geq 240$ mm^2	max. of $A_{s,min} \geq 300$ mm^2 or $A_{s,min} \geq 1$ % A_c	
	transversal	ø 6 mm / 250 mm	not defined		ø ≥5 mm / 150 mm	
j) Connection to the wall		toothed	toothed	not defined	toothed	