

Combination	Code	Description	Descriptor code	Descriptor	Q/q code	Scale code	[u.m.]	R code (GIS/BIM)	EBIM code	EGIS code	GIS Data Type	BIM (REVIT) Data Type	BIM (ARCHICAD) Data Type	R code (VT)	EVT code
Section 1: MAIN TYPE															
H-S	P-S	P-H-T	S1_0	Morpho-typology	P1a										
					P1b										
H-S	P-S	P-H-T			S1_0.2		%	R3	OS	PolOS	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S1_0.3			R3	OS+BF+ST	PolOS + PolBF + PolST	Real	Number	Number	R4	LoR C
					S1_0.3			R1	SW+ST	PolSW + PolST	Real	Length	Length	R4	LoR C
			S1_1	Dimension of OS	S1_1.1		area	R2	OS	PolOS	Real	Area	Area	R4	LoR C
H-S	P-S	P-H-T			S1_1.3		width	R2	OS	PolOS	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T	S1_2	Hmax built front	S1_2.1		H max	R2	BF	PolBF	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S1_2.2		Average building height	R3	BF	PolBF	Real	Length	Length	R4	LoR C
SECTION 2: CHARACTERISTICS OF GEOMETRY AND SPACE															
Frontier															
H-S	P-S	P-H-T	S2_F_1	Type of Aggregates	S2_F_1.1		% of SA	R3	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S2_F_1.2		Length of the built front	R1	BF	PolBF	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S2_F_1.3		number of SU	R2	BF	PolBF	Real	Number	Number	R1	LoR A + LoR C
H-S	P-S	P-H-T			S2_F_1.4		length of SU	R1	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S2_F_1.5		height of SU front	R2	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S2_F_1.9		number of storeys	R2	BF	PolBF	Real	Number	Number	R1	LoR A + LoR C
H-S	P-S	P-H-T	S2_F_2	Accesses	S2_F_2.1		number	R3	AC	LinAC	Integer	Number	Number	R1	LoR A + LoR B
H-S	P-S	P-H-T			S2_F_2.2		width	R2	AC	LinAC	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S2_F_2.3		position/orientation (azimuth)	R1	AC	LinAC	Real	Length/Length	Length/Length	R4	LoR C
					S2_F_2.4		presence of mitigation/control systems	R2	MC/AC	LinAC/LinMC	String	Text/Multi-line text	String/Option set/Tags List	R1	LoR A + LoR B
H-S	P-S	P-H-T	S2_F_3	Special buildings	P5		presence	R2	BF	PolBF	Boolean	Yes/No	True/False	R1	LoR A + LoR B + LoR C
					S2_F_3.3		number	R3	BF	PolBF	Integer	Number	Number	R1	LoR A + LoR B
H-S	P-S	P-H-T			S2_F_3.4		length of special buildings front	R1	BF	PolBF	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S2_F_3.5		height	R1	BF	PolBF	Real	Length	Length	R4	LoR C
					S2_F_3.6		area	R2	BF	PolBF	Real	Area	Area	R4	LoR C
H-S	P-S	P-H-T			S2_F_3.7		height of gable	R2	BF	PolBF	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T	S2_F_4b	Porches	P7		presence	R2	PR	PolPR	Boolean	Yes/No	True/False	R1	LoR A + LoR B + LoR C
H-S	P-S	P-H-T			S2_F_4b.2		linear extension	R1	PR	PolPR	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S2_F_4b.3		position	R2	PR	PolPR	Real/Real	Length/Length	Length/Length	R4	LoR C
H-S	P-S	P-H-T			S2_F_4b.4		width or depth	R2	PR	PolPR	Real	Length	Length	R4	LoR C
					S2_F_4b.5		area	R2	PR	PolPR	Real	Area	Area	R4	LoR C
Content / Frontier															
H-S	P-S	P-H-T	S2_C_2	Quote difference/slope	P8		slope	R2	TR + SR	PolTR + PolSR	Real	Slope	Number	R4	LoR C
SECTION 3: CONSTRUCTIVE CHARACTERISTICS															
Frontier															
H-S	P-S	P-H-T	S3_F_2	Homogeneity of constructive techniques	P6		homogeneous/not homogeneous	R2	BF	PolBF	String	Text	String/Option set	R1/R4	LoR A + LoR C
H-S	P-S	P-H-T			S3_F_2.2		masonry quality	R2	BF	PolBF	String	Text	String/Option set	R1/R4	LoR A + LoR C
H-S	P-S	P-H-T			S3_F_2.3		wall thickness	R2	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S3_F_2.5		roofs types	R2	BF	PolBF	String	Text	String/Option set	R4	LoR C
H-S	P-S	P-H-T			S3_F_2.8		% openings	R3	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S3_F_2.16		Facade finishing albedo	R2	BF	PolBF	Real	Number	Number	R2	LoR C
H-S	P-S	P-H-T			S3_F_2.18		Facade finishing current roughness	R2	BF	PolBF	Real	Number	Number	R2	LoR C
H-S	P-S	P-H-T			S3_F_2.21		Facade heat capacity	R2	BF	PolBF	Real	Heat capacity (Energy)	Heat capacity	R2	LoR C
					S3_F_2.22		Facade pollutant deposition capacity	R2	BF	PolBF	Real	Number	Number	R2	LoR C
SECTION 4: CHARACTERISTICS OF USE															
H-S	P-S	P-H-T	S4_1	Crowding	S4_1.2		crowding potential	R2			String	Text	String	R1/R4	LoR A + LoR B + LoR C
					S4_1.3		tourism attraction	R2			String	Text/Multi-line text	String	R4	LoR C
			S4_3	Strategic building / Special uses of building facing OS	S4_3.1		presence of special buildings or special uses	R2	BF	PolBF				R1	LoR A + LoR B
H-S	P-S	P-H-T			S4_3.2		crowding potential	R2	BF	PolBF	String	Text	String	R1/R4	LoR A + LoR B + LoR C
					S4_3.3		Symbolism level	R2	BF	PolBF	String	Text/Multi-line text	String	R1/R4	LoR A + LoR B + LoR C
H-S	P-S	P-H-T			S4_3.7		Sensitive targets attraction to building use	R3	BF	PolBF	Boolean	Yes/No	True/False	R1	LoR A + LoR B
			S4_4	Accessibility for vehicle	S4_4.1		incidence of accessibility to vehicles to total accesses	R2	ST+AC	PolST + PolAC	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S4_4.2		Traffic intensity	R2	ST	PolST	Real/Number/Enum	Number/Text	String	R4	LoR C
					S4_4.4		level of accessibility	R2	ST	PolST	String	Text/Multi-line text	String	R1/R4	LoR A + LoR B + LoR C
			S4_5	Accessibility for pedestrian	S4_5.1		incidence of accessibility to pedestrian to total accesses	R3	ST+AC	PolST + PolAC	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T	S4_6	Vehicles (parking)	S4_6.5		Parking area location	R1	PK	PolPK	Real/Real	Length/Length	Length/Length	R1/R4	LoR A + LoR B + LoR C
			S4_7	Sights	S4_7.1		presence of sight	R2	OS+MN+BF+GR+WT	PolOS + PolMN + PolBF + PolGR + PolWT	Boolean	Yes/No	True/False	R1	LoR A + LoR B
					S4_7.4		Symbolism level	R2	OS+MN+BF+GR+WT	PolOS + PolMN + PolBF + PolGR + PolWT	String	Text	String	R4	LoR C
			S4_8	Sensitive targets	S4_8.1		presence of Sensitive target (people as hard target)	R2	OS+MN+BF+GR+WT	PolOS + PolMN + PolBF + PolGR + PolWT	Boolean	Yes/No	True/False	R1	LoR A + LoR B
H-S	P-S	P-H-T			S4_8.3		% per user profile depending on age, gender, prevalent presence space (i.e. indoor, outdoor)	R3	OS+MN+BF+GR+WT	PolOS + PolMN + PolBF + PolGR + PolWT	Real	Number	Number	R1/R4	LoR A + LoR B + LoR C
SECTION 5: ENVIRONMENTAL CHARACTERISTICS															
H-S	P-S	P-H-T	S5_1	Seismic intensity	S5_1.1		Ground motion severity	R2			String	Text	String/Option set	R4	LoR C
H-S	P-S	P-H-T	S5_2	Climate classification [DPR 412/1993]	S5_2.1		Climate zone	R2			String	Text	String/Option set	R4	LoR C
H-S	P-S	P-H-T	S5_3	Climate conditions	S5_3.1		Wind/breeze speed	R2			Real	Speed (Structural)	Number	R4	LoR C
H-S	P-S	P-H-T			S5_3.3		Air temperature	R2			Real	Temperature (HVAC)	Number	R4	LoR C
H-S	P-S	P-H-T			S5_3.4		Solar irradiation	R2			Real	Number	Number	R4	LoR C
					S5_3.6		Pollutant concentration	R2			Real	Number	Number	R4	LoR C
			S5_4	Multi-hazard potential	S5_4.2		Pollution sources presence Boolean	R2			Boolean	Yes/No	True/False	R1/R4	LoR A + LoR B + LoR C
H-S	P-S	P-H-T	S5_5	Ground type	S5_5.2		Ground roughness	R2	TR		String	Text	String/Option set	R4	LoR C
H-S	P-S	P-H-T			S5_5.3		Ground albedo	R2	TR		Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S5_5.4		Ground heat capacity	R2	TR		Real	Heat capacity (Energy)	Heat capacity	R4	LoR C