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	area regularity	q1	L2		R3	OS	PolOS	String	Text	String	R4	LoR C
H-S	P-S	P-H-T			P1b	Radius ratio	q1	L2	%	R3	OS	PolOS	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S1_0.2	Canyon aspect ratio	q1	L2	m/m	R3	OS+BF+ST	PolOS + PolBF + PolST	Real	Number	Number	R4	LoR C
	P-S	P-H-T			S1_0.3	Proximity of sidewalk to traffic	q1	L4	m	R1	SW+ST	PolSW + PolST	Real	Length	Length	R4	LoR C
		P-H-T	S1_1	Dimension of OS	S1_1.1	area	q1	L2	mq	R2	OS	PolOS	Real	Area	Area	R4	LoR C
H-S	P-S	P-H-T			S1_1.3	width	q1	L2	m	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	q1	L3	m	R2	BF	PolBF	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S1_2.2	Average building height	q1	L3	m	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	incidence for classes	q1	L3	m/m*100	R3	BF	PolBf	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S2_F_1.2	lenght for types (or classes) of aggregates	q1	L3	m	R1	BF	PolBf	Real	Length	Length	R4	LoR C
H-S	P-S				S2_F_1.4	lenght of SU	q1	L3	m	R1	BF	PolBf	Real	Number	Number	R4	LoR C
H-S	P-S				S2_F_1.5	height of SU front	q1	L3	m	R2	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S				S2_F_1.9	number of storeys	q3	L3		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	q3	L4		R3	AC	LinAC	Integer	Number	Number	R1	LoR A + LoR B
H-S	P-S	P-H-T			S2_F_2.2	width	q1	L4	m	R2	AC	LinAC	Real	Length	Length	R4	LoR C
H-S	P-S	P-H-T			S2_F_2.3	position/orientation (azimuth)	q1	L3		R1	AC	LinAC	Real	Length/Length	Length/Length	R4	LoR C
		P-H-T			S2_F_2.4	presence of mitigation/control systems	q2	L3		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	q2	L2		R2	BF	PolBF	Boolean	Yes/No	True/False	R1	LoR A + LoR B + LoR C
		P-H-T			S2_F_3.3	number	q3	L2		R3	BF	PolBF	Integer	Number	Number	R1	LoR A + LoR B
H-S	P-S				S2_F_3.4	lenght of special buildings front	q1	L4	m	R1	BF	PolBF	Real	Length	Length	R4	LoR C
H-S	P-S				S2_F_3.5	height	q1	L4	m	R1	BF	PolBF	Real	Length	Length	R4	LoR C
		P-H-T			S2_F_3.6	area	q1	L3	m^2	R2	BF	PolBF	Real	Area	Area	R4	LoR C
H-S	P-S				S2_F_3.7	height of gable	q1	L3	m	R2	BF	PolBF	Real	Lenght	Lenght	R4	LoR C
H-S	P-S	P-H-T	S2_F_4b	Porches	P7	presence	q2	L2		R2	PR	PolPR	Boolean	Yes/No	True/False	R1	LoR A + LoR B + LoR C
H-S	P-S				S2_F_4b.2	linear extension	q1	L3	m	R1	PR	PolPR	Real	Length	Length	R4	LoR C
H-S	P-S				S2_F_4b.3	position	q1	L3		R2	PR	PolPR	Real/Real	Length/Length	Length/Length	R4	LoR C
H-S	P-S				S2_F_4b.4	width or depth	q1	L4	m	R2	PR	PolPR	Real	Length	Length	R4	LoR C
		P-H-T			S2_F_4b.5	area	q1	L3	m^2	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	q1	L3	m/m*100	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	Q2	L3		R2	BF	PolBF	String	Text	String/Option set	R1/R4	LoR A + LoR C
H-S	P-S				S3_F_2.2	masonry quality	Q1	L3		R2	BF	PolBF	String	Text	String/Option set	R1/R4	LoR A + LoR C
H-S	P-S				S3_F_2.3	wall thickness	q1	L3	m	R2	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S				S3_F_2.5	roofs types	Q2	L3		R2	BF	PolBF	String	Text	String/Option set	R4	LoR C
H-S	P-S				S3_F_2.8	% openings	q1	L3	mq/mq*100	R3	BF	PolBF	Real	Number	Number	R4	LoR C
H-S	P-S				S3_F_2.13	no-structural protruding and decorative elements	q2	L3		R2	BF	PolBF	Boolean	Yes/No	True/False	R1/R4	LoR A + LoR C
H-S	P-S				S3_F_2.14	a-seismic devices	q2	L3		R2	BF	PolBF	Boolean	Yes/No	True/False	R1/R4	LoR A + LoR C
H-S		P-H-T			S3_F_2.16	Facade finishing albedo	q4	L4	-	R2	BF	PolBF	Real	Number	Number	R2	LoR C
H-S	P-S	P-H-T			S3_F_2.18	Facade finishing current roughness	q4	L4	-	R2	BF	PolBF	Real	Number	Number	R2	LoR C
H-S		P-H-T			S3_F_2.21	Facade heat capacity	q4	L4	J/ kg K	R2	BF	PolBF	Real	Heat capacity (Energy)	Heat capacity	R2	LoR C
	P-S	P-H-T			S3_F_2.22	Facade pollutant deposition capacity	q4	L4	mass/time o mass/are	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	Q2/q4	L2	pp/mq	R2			String	Text	String	R1/R4	LoR A + LoR B + LoR C
		P-H-T			S4_1.3	tourism attraction	q4	L2	arrivals/inhabitants [pp/pp]	R2			String	Text/Multi-line text	String	R4	LoR C
		P-H-T	S4_3	Strategic building / Special uses of building facing OS	S4_3.1	presence of special buildings or special uses	q2	L2		R2	BF	PolBF				R1	LoR A + LoR B
H-S	P-S	P-H-T			S4_3.2	crowding potential	Q2	L4		R2	BF	PolBF	String	Text	String	R1/R4	LoR A + LoR B + LoR C
		P-H-T			S4_3.3	Symbolism level	Q2	L4		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	Q1	L4		R3	BF	PolBF	Boolean	Yes/No	True/False	R1	LoR A + LoR B
		P-H-T	S4_4	Accessibility for vehicle	S4_4.1	incidence of accessibility to vehicles to total accesses	q1	L2	m/m *100	R2	ST+AC	PolST + PolAC	Real	Number	Number	R4	LoR C
H-S	P-S	P-H-T			S4_4.2	Traffic intensity	q4/Q1	L2	Vehicle/km	R2	ST	PolST	Real/Number/Enum	Number/Text	String	R4	LoR C
		P-H-T			S4_4.4	level of accessibility	Q2	L2		R2	ST	PolST	String	Text/Multi-line text	String	R1/R4	LoR A + LoR B + LoR C
		P-H-T	S4_5	Accessibility for pedestrian	S4_5.1	incidence of accessibility to pedestrian to total accesses	q1	L2	m/m *100	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	q1	L2		R1	PK	PolPK	Real/Real	Length/Length	Length/Length	R1/R4	LoR A + LoR B + LoR C
		P-H-T	S4_7	Sights	S4_7.1	presence of sight	q2	L2		R2	OS+MN+BF+GR+WT	PolOs + PolMN + PolBF + PolGR + PolWT	Boolean	Yes/No	True/False	R1	LoR A + LoR B
		P-H-T			S4_7.4	Symbolism level	Q2	L4		R2	OS+MN+BF+GR+WT	PolOs + PolMN + PolBF + PolGR + PolWT	String	Text	String	R4	LoRC
		P-H-T	S4_8	Sensitive targets	S4_8.1	presence of Sensitive target (people as hard target)	q2	L2		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	q1	L2	%	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		S5_1	Seismic intensity	S5_1.1	Ground motion severity	Q2	L1		R2			String	Text	String/Option set	R4	LoR C
H-S		P-H-T	S5_2	Climate classification [DPR 412/1993]	S5_2.1	Climate zone	Q2	L1		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	q4	L1	m/s	R2			Real	Speed (Structural)	Number	R4	LoR C
H-S	P-S	P-H-T			S5_3.3	Air temperature	q4	L1	°C	R2			Real	Temperature (HVAC)	Number	R4	LoR C
H-S	P-S	P-H-T			S5_3.4	Solar Irradiation	q4	L1	W/mq	R2			Real	Number	Number	R4	LoR C
	P-S	P-H-T			S5_3.6	Pollutant concentration	Q2		AQI	R2			Real	Number	Number	R4	LoR C
	P-S	P-H-T	S5_4	Multi-hazard potential	S5_4.2	Pollution sources presence Boolean	q2	L2		R2			Boolean	Yes/No	True/False	R1/R4	LoR A + LoR B + LoR C
H-S	P-S		S5_5	Ground type	S5_5.1	classes of types	Q2	L1		R2	TR		String	Text	String/Option set	R4	LoR C
H-S	P-S	P-H-T			S5_5.2	Ground roughness	q4	L2	-	R2	TR		String	Text	String/Option set	R4	LoR C
H-S		P-H-T			S5_5.3	Ground albedo	q4	L2	-	R2	TR		Real	Number	Number	R4	LoR C
H-S		P-H-T			S5_5.4	Ground heat capacity	q4	L2	J/ kg K	R2	TR		Real	Heat capacity (Energy)	Heat capacity	R4	LoR C