Data Exchange Standard on Structured Address

October 2007

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1 Introduction

1.1.1 There is currently no common data standard for exchanging local address information in structured format in Hong Kong. As a result of various business needs and design, different systems of B/Ds are recording address information in different structures, and the records referencing the same physical location may carry inconsistent values even in fields of same field names.

1.1.2 It is suggested that a data exchange standard should be established to facilitate information sharing in the Government. A common data schema would enable more efficient information sharing by saving the cost and time on unnecessary processing steps like manual resolution on data conflicts and data re-entry as per receiving system's data model.

1.1.3 The proposed Data Exchange Standard focuses on "structured addresses", which refers to addresses presented as a set of structured components. It may contain addresses with details at 2D or 3D level. A 2D address refers to an address without floor and unit information (e.g. Cyberport 1, 100 Cyberport Road, Hong Kong). A 3D address refers to an address with floor and unit information (e.g. Room 619, Level 6, Cyberport 1, 100 Cyberport Road, Hong Kong).

1.1.4 Table 1 depicts the composition of structured addresses concerned in the proposed Data Exchange Standard:

Address Components		Part of 2D Address?	Part of 3D Address?
Unit No.	單位編號		✓
Unit Descriptor	單位描述		✓
Floor	層數		✓
Block No. in estates	座數	✓	✓
Block Descriptor	座數描述	✓	✓
Building Name	樓宇名稱	✓	✓
Phase	屋邨期數	✓	✓
Estate Name	屋邨名稱	✓	✓
Village Name	鄉村名稱	✓	✓

Address Components		Part of 2D Address?	Part of 3D Address?
Street Name	街道名稱	✓	✓
Building No.[1]	門牌	✓	✓
Lot information	地段編號	✓	✓
Sub-district	分區	✓	✓
District	地區	✓	✓
Region (HK/Kln/NT)	香港／九龍／新界	✓	✓

Table 1 – Components of a structured address

1.1.5 The proposed Data Exchange Standard can facilitate information correlation and digital spatial analysis. It contains an optional Building Common Spatial Unit Identifier (Building CSU ID), which carries XY coordinates and is a unique and persistent identifier for on-ground buildings defined by the Data Alignment Measures (DAM) project. The mapping of a structured address and Building CSU ID can be provided through an address data capture and validation function by referencing a common address database.

1.1.6 The then Housing, Planning and Lands Bureau started an initiative in early 2000 to align the exchange of planning, lands and public works data among different participating departments. The Final Report of the Consultancy Study on the Alignment of Planning, Lands and Public Works Data recommended a Data Alignment Strategy, a component of which includes DAM to address pressing data exchange problems within the participating departments. The DAM project commenced in 2002 with support of 13 participating departments: ArchSD, BD, C&SD, CED, DSD, EMSD, HyD, LandsD, LR, PlanD, RVD, TDD and WSD. The DAM Final Report issued in 2004 defined five CSUs, one of which was the Building CSU. Specification of each CSU included the scope and coverage of data, common rules for delineation and/or shapes of polygons/lines, common attributes, generation mechanism of a unique and persistent identifier, data custodianship, revised across-department workflow, data interfacing requirements, data provision frequency, data dissemination frequency and mode of dissemination. After merge of CED and TDD into CEDD, and joining of EPD, HOUSING and TD in 2006, there are now 15 participating departments involved in the DAM initiative.

(Reference: http://www.devb-plb.gov.hk/eng/publication/dam.htm)

1.1.7 Details of the proposed data schema are provided in Section 2. The data schema is designed with reference to the XML Schema Design and

[1] Building Number (門牌) is also known as Street Number (街號) when using with Street Name by some organizations and individuals in the community. When using with Village Name, Building Number also refers to the numbering of houses in villages or in low-rise estates where there is neither public nor private street in identifying a location. In this case, Building Number is also known as House Number.

Management Guide under the HKSARG Interoperability Framework, which can be downloaded at http://www.ogcio.gov.hk/eng/infra/eif.htm. Please refer to the Guide for the conventions used in this document.

1.1.8 The relationship between the proposed Data Exchange Standard and some address-related industry/international standards is also illustrated in this document. This is to better assure the interoperability of local address data with other parties worldwide when necessary.

2 Data Schema

2.1 File Format

2.1.1 This section describes the proposed data standard for exchanging address information in structured format. UTF-8 encoding is proposed as the encoding standard for exchanging address information.

2.2 High Level Structure of the Data Exchange Standard

2.2.1 The Overall Structure

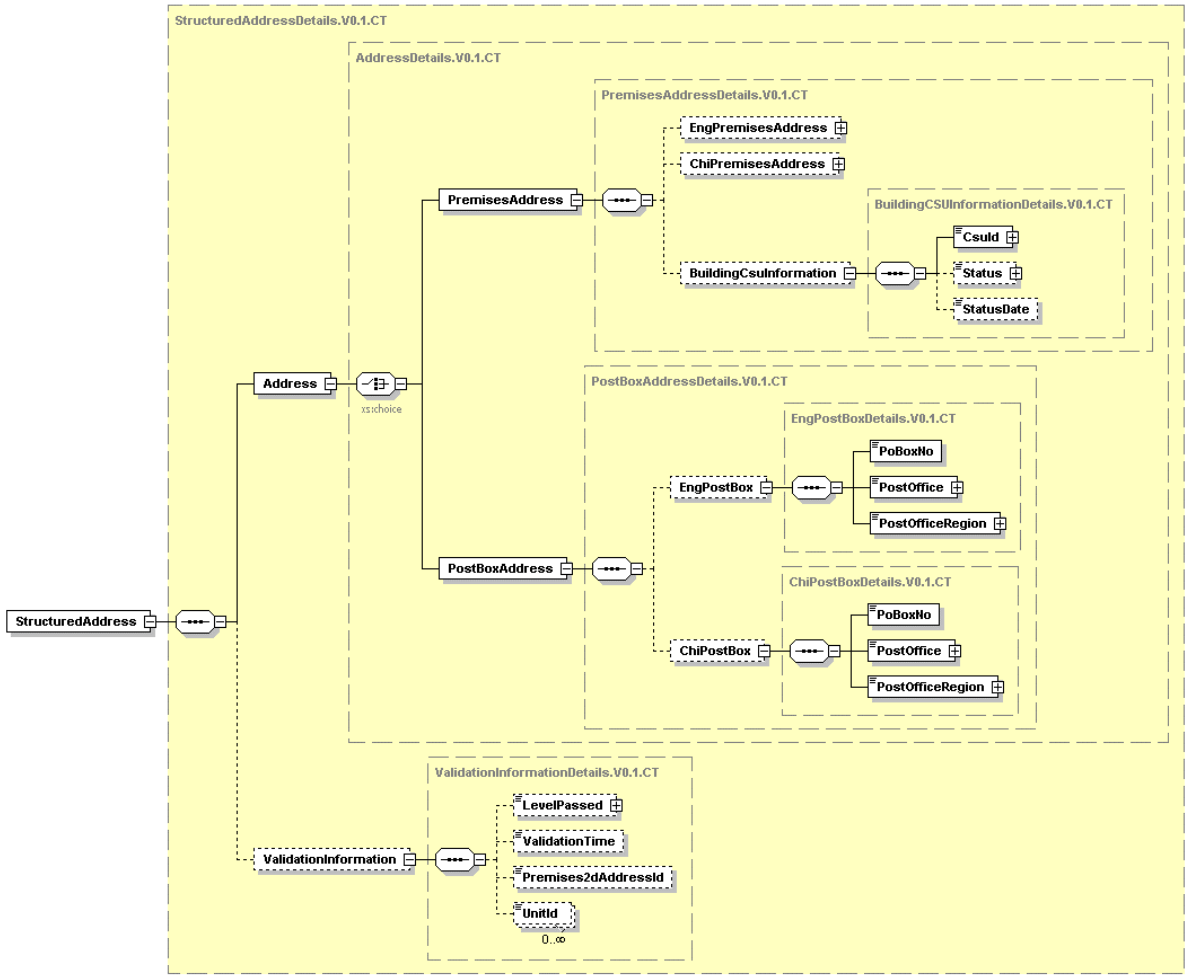


Figure 1 Overall Structure of the Data Exchange Standard

2.2.2 Structure of English Premises Address

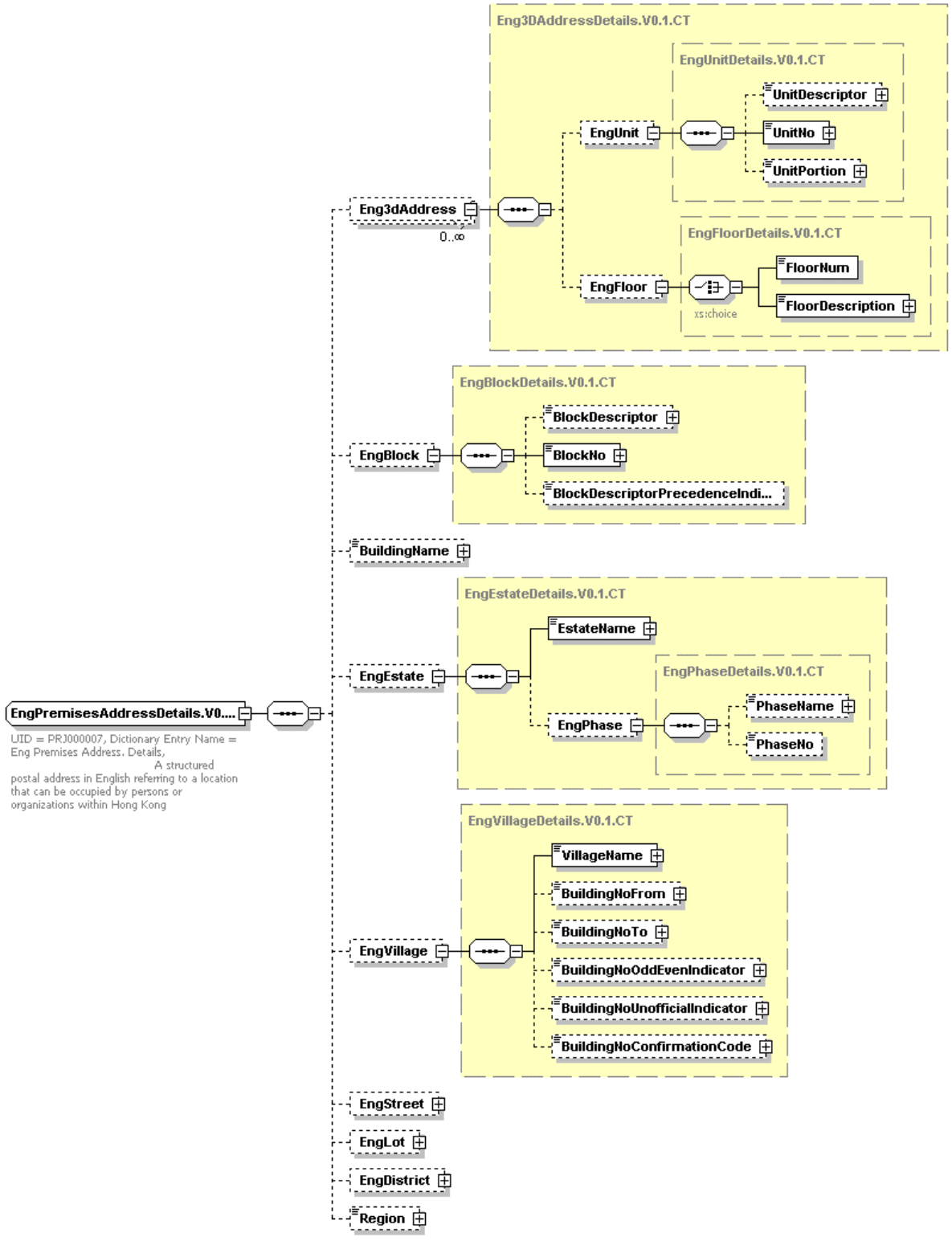


Figure 2 Structure of the Data Exchange Standard for English Premises Address (Part 1)

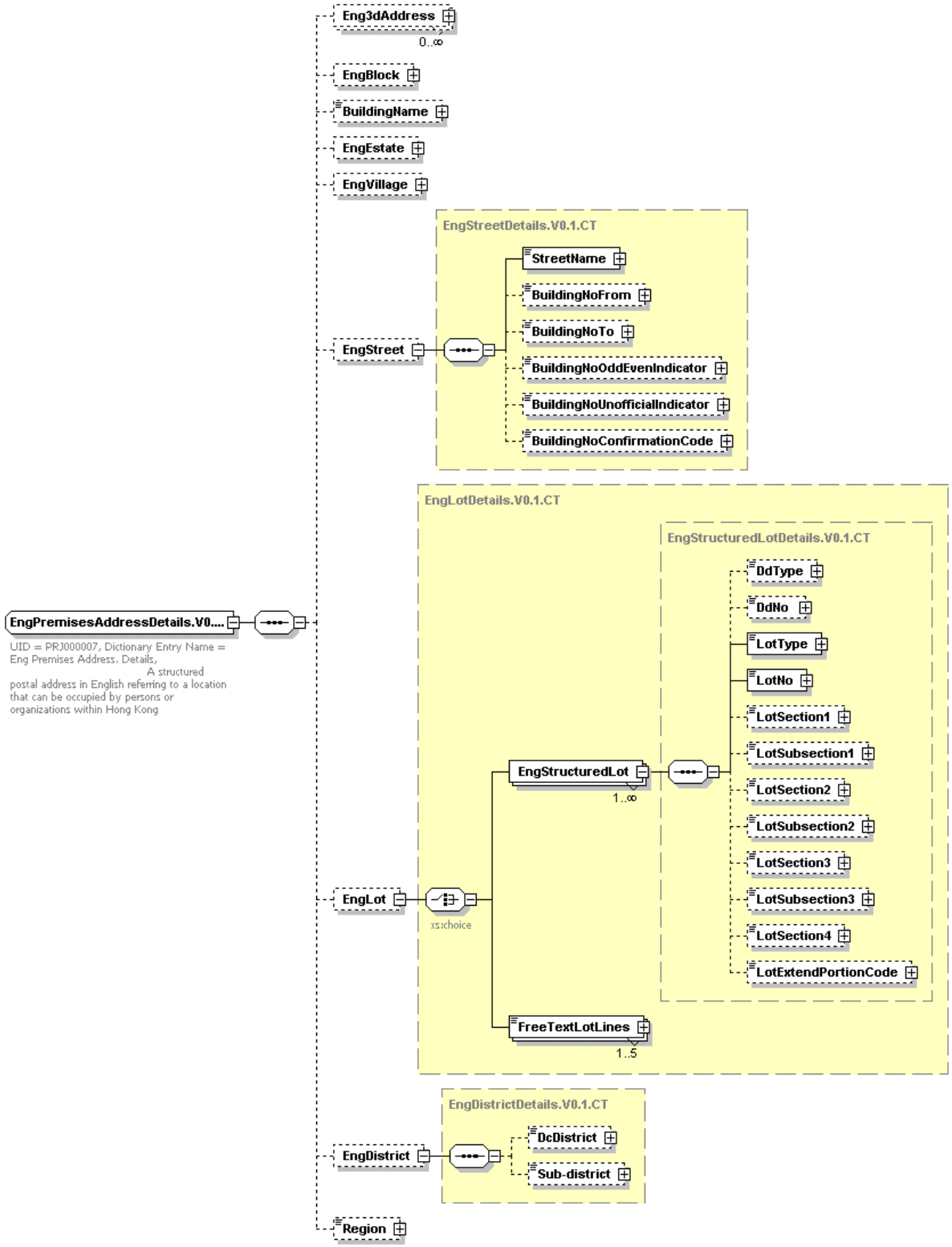


Figure 3 Structure of the Data Exchange Standard for English Premises Address (Part 2)

2.2.3 Structure of Chinese Premises Address

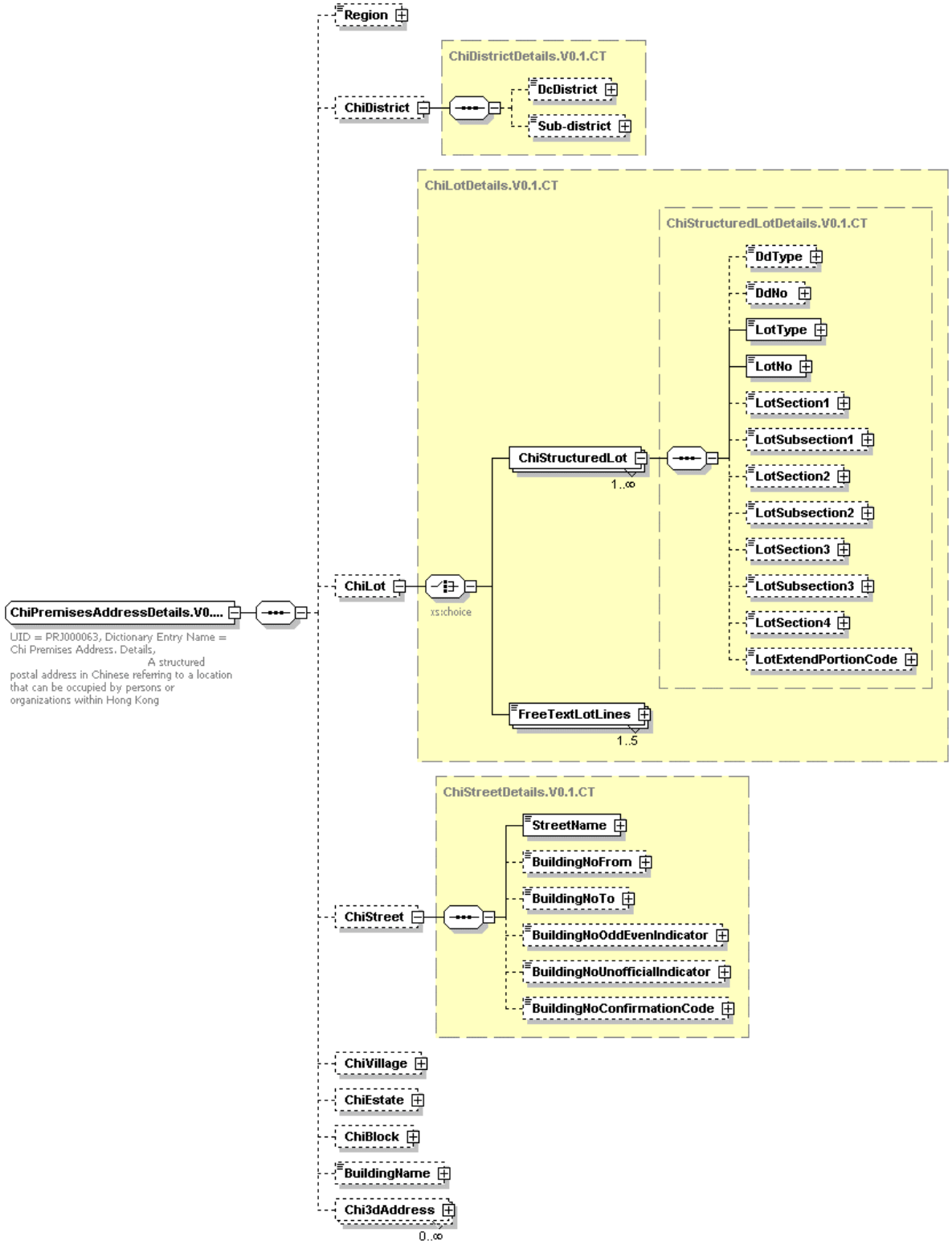


Figure 4 Structure of the Data Exchange Standard for Chinese Premises Address (Part 1)

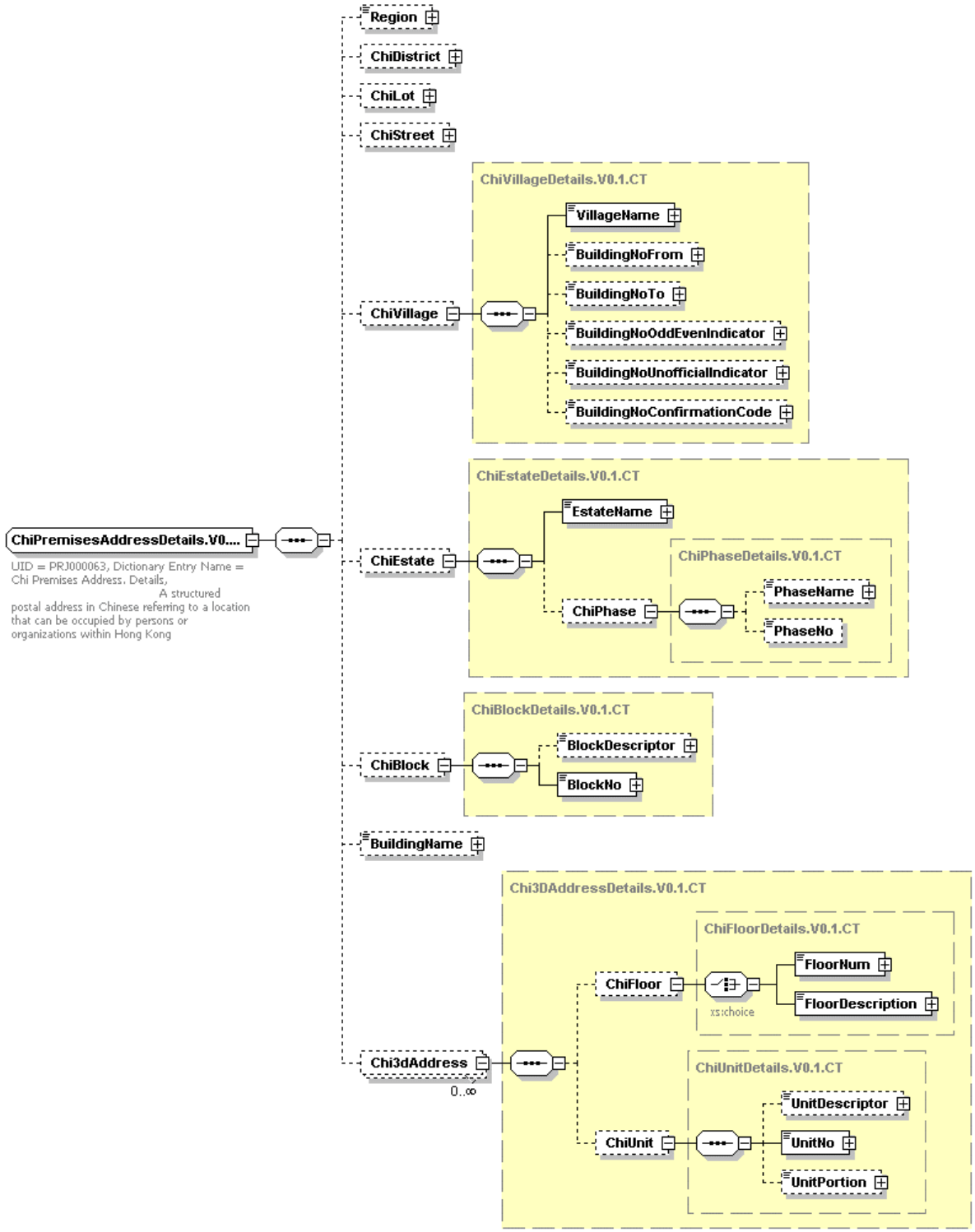
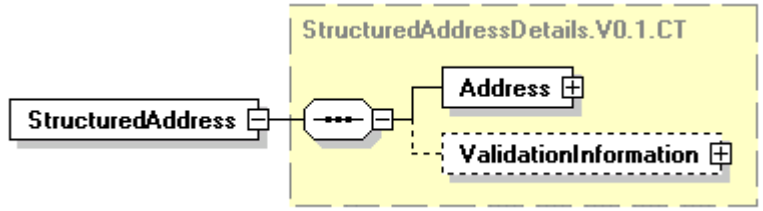


Figure 5 Structure of the Data Exchange Standard for Chinese Premises Address (Part 2)

2.3 List of All Documents That Will Be Exchanged

Dictionary Entry Information	
Dictionary Entry Name: Structured Address. Document	
UID: PRJ000001	**Version:** 0.1
Definition: Contain necessary information about a structured (possibly validated) address within Hong Kong, optionally together with validation result of the address.	

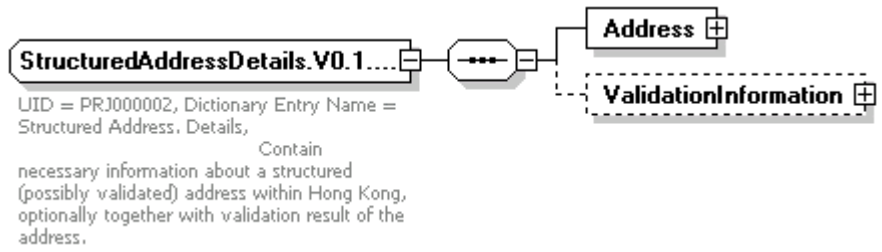
Schema Structure



2.4 List of All Elements with Sub-Elements

Dictionary Entry Information	
Dictionary Entry Name: Structured Address. Details	
UID: PRJ000002	**Version:** 0.1
Definition: Contain necessary information about a structured (possibly validated) address within Hong Kong, optionally together with validation result of the address.	

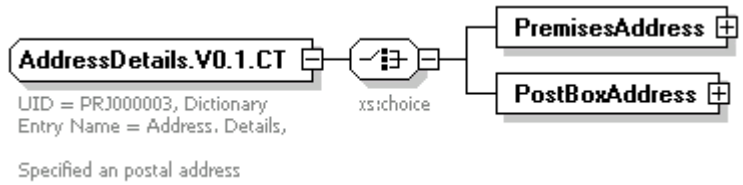
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	***UID***	***Property (Dictionary Entry Name)***	***Data Type***	***Cardinality***
Definition			***Restriction***	
1	PRJ000003	**Address** (Address. Details)		1
Specified an postal address				
2	PRJ000135	**Validation Information** (Validation Information. Details)		0..1
Validation result of the address. This element is present only when the address has ever been validated against an instance of the Common Address Database of the Government.				

Dictionary Entry Information	
Dictionary Entry Name: Address. Details	
UID: PRJ000003	**Version:** 0.1
Definition: Specified an postal address	

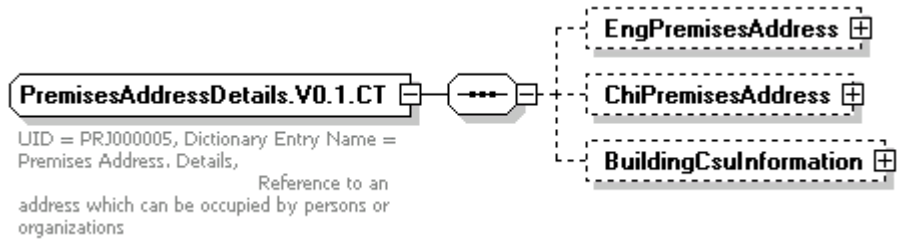
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000005	**Premises Address** (Premises Address. Details)		1
Reference to an address which can be occupied by persons or organizations				
2	PRJ000123	**Post Box Address** (Post Box Address. Details)		1
Reference to an address of a Post Office Box				

Dictionary Entry Information	
Dictionary Entry Name: Premises Address. Details	
UID: PRJ000005	**Version:** 0.1
Definition: Reference to an address which can be occupied by persons or organizations	

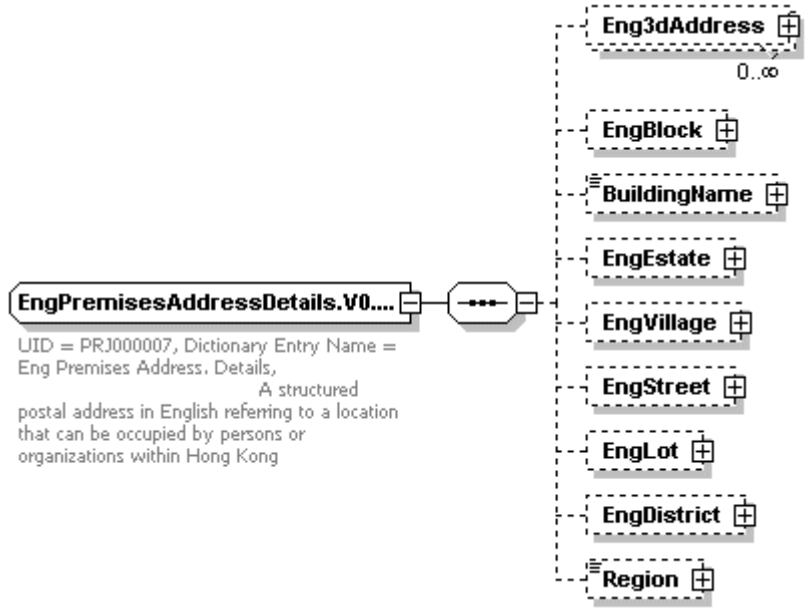
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000007	**Eng Premises Address** (Eng Premises Address. Details)		0..1
A structured postal address in English referring a location that can be occupied by persons or organizations within Hong Kong				
2	PRJ000063	**Chi Premises Address** (Chi Premises Address. Details)		0..1
A structured postal address in Chinese referring a location that can be occupied by persons or organizations within Hong Kong				
3	PRJ000118	**Building CSU Information** (Building CSU Information. Details)		0..1
Information related to the building of the concerned address, including an common identifier and the status of the building				

Dictionary Entry Information	
Dictionary Entry Name: Eng Premises Address. Details	
UID: PRJ000007	**Version:** 0.1
Definition: A structured postal address in English referring to a location that can be occupied by persons or organizations within Hong Kong	

Schema Structure

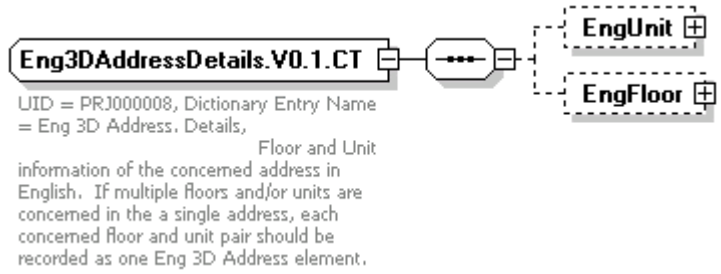


Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000008	**Eng 3D Address** (Eng 3D Address. Details)		0..unbounded
Floor and Unit information of the concerned address in English. If multiple floors and/or units are concerned in a single address, each concerned floor and unit pair should be recorded as one Eng 3D Address element.				
2	PRJ000019	**Eng Block** (Eng Block. Details)		0..1
Block information of the concerned address in English				
3	PRJ000024	**Building Name** (Eng Premises Address. Building Name. Text)	String	0..1
Full building name in English			Maximum length: 195	
4	PRJ000025	**Eng Estate** (Eng Estate. Details)		0..1

Estate name and related information of the concerned address in English				
5	PRJ000139	**Eng Village** (Eng Village. Details)		0..1
Village name and building number information of the concerned address in English				
6	PRJ000032	**Eng Street** (Eng Street. Details)		0..1
Street name and building number information of the concerned address in English				
7	PRJ000040	**Eng Lot** (Eng Lot. Details)		0..1
Lot information of the concerned address in English				
8	PRJ000057	**Eng District** (Eng District. Details)		0..1
District and/or sub-district information of the concerned address in English				
9	PRJ000061	**Region** (Eng Premises Address. Region. Code)	String	0..1
Region that the address reference to, where HK = Hong Kong Island, KLN = Kowloon, NT = New Territories			Maximum length: 3 Enumeration: HK, KLN, NT	

Dictionary Entry Information	
Dictionary Entry Name: Eng 3D Address. Details	
UID: PRJ000008	**Version:** 0.1
Definition: Floor and Unit information of the concerned address in English. If multiple floors and/or units are concerned in a single address, each concerned floor and unit pair should be recorded as one Eng 3D Address element.	

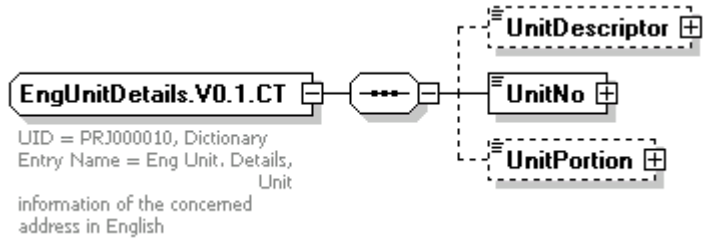
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000010	**Eng Unit** (Eng Unit. Details)		0..1
Unit information of the address in English				
2	PRJ000015	**Eng Floor** (Eng Floor. Details)		0..1
Floor information of the concerned address in English				

Dictionary Entry Information	
Dictionary Entry Name: Eng Unit. Details	
UID: PRJ000010	**Version:** 0.1
Definition: Unit information of the concerned address in English	

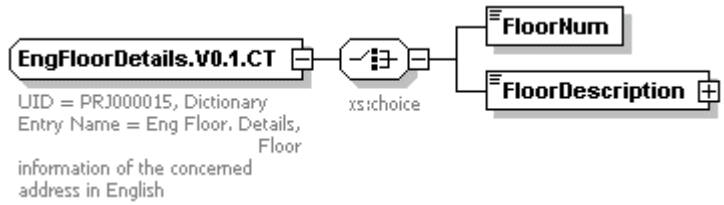
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000011	**Unit Descriptor** (Eng Unit. Unit Descriptor. Text)	String	0..1
Unit descriptor in English (e.g. 'FLAT', 'SHOP')			Maximum length: 16	
2	PRJ000012	**Unit No** (Eng Unit. Unit No. Text)	String	1
Unit number (including any non-numeric parts) (e.g. 'A1', '3C')			Maximum length: 23	
3	PRJ000013	**Unit Portion** (Eng Unit. Unit Portion. Code)	String	0..1
Indicate the concerned portion of a Unit in English, where: CE = Central, E = East, FR = Front, LF = Left, MD = Middle, N = North, NE = North-East, NW = North-West, RG = Right, RR = Rear, S = South, SE = South-East, SW = South-West, W = West, PN = (Portion), PT = (Part), RF = & Roof Used when the address refers to part of a Unit only			Maximum length: 2	

Dictionary Entry Information	
Dictionary Entry Name: Eng Floor. Details	
UID: PRJ000015	**Version:** 0.1
Definition: Floor information of the concerned address in English	

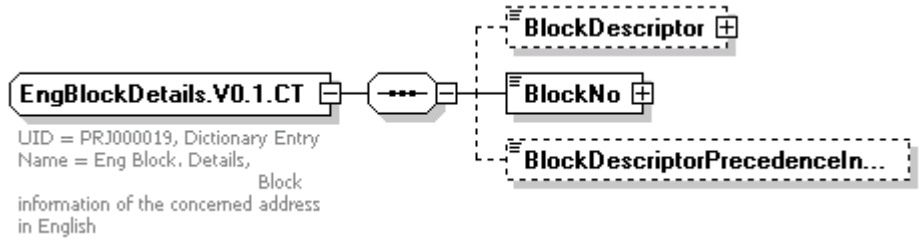
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000016	**Floor Num** (Eng Floor. Floor Num. Numeric)	Decimal	1
Floor number, used only when the floor information is a numeric value. Floor description in English as in full postal address can be generated by appending '/F' to FloorNum.			Total digit: 3 Fractional digit: 0	
2	PRJ000017	**Floor Description** (Eng Floor. Floor Description. Text)	String	1
English floor description, used only when the floor information contains non-numeric part e.g. 'CONCOURSE', 'LEVEL 1', 'UPPER GROUND', '12A/F'			Maximum length: 20	

Dictionary Entry Information	
Dictionary Entry Name: Eng Block. Details	
UID: PRJ000019	**Version:** 0.1
Definition: Block information of the concerned address in English	

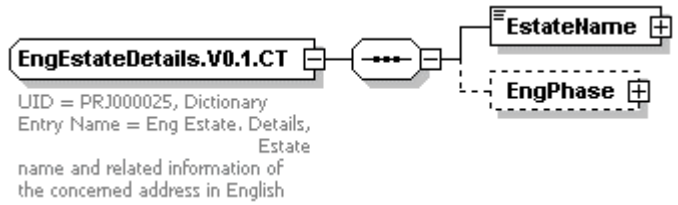
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000020	**Block Descriptor** (Eng Block. Block Descriptor. Text)	String	0..1
Block descriptor in English (e.g. 'Building', 'House', 'Block', 'BLK')			Maximum length: 35	
2	PRJ000021	**Block No** (Eng Block. Block No. Text)	String	1
Block number in English or numeric values (e.g. '1', 'A', 'EAST')			Maximum length: 15	
3	PRJ000022	**Block Descriptor Precedence Indicator** (Eng Block. Block Descriptor Precedence. Indicator)	String	0..1
An indicator showing the ordering of block descriptor and block number in full English address when both are not Null, where Y = block description precedes block number (e.g. in the cases of 'BLOCK A' and 'BLOCK 1'), N = block number precedes block description (e.g. in the cases of 'NORTH BLOCK' and 'WEST TOWER')			Maximum length: 1 Enumeration: Y, N	

Dictionary Entry Information	
Dictionary Entry Name: Eng Estate. Details	
UID: PRJ000025	**Version:** 0.1
Definition: Estate name and related information of the concerned address in English	

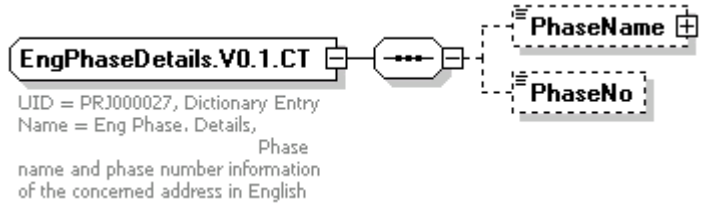
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000026	**Estate Name** (Eng Estate. Estate Name. Text)	String	1
The estate name of the address in English			Maximum length: 80	
2	PRJ000027	**Eng Phase** (Eng Phase. Details)		0..1
Phase information of the concerned address in English				

Dictionary Entry Information	
Dictionary Entry Name: Eng Phase. Details	
UID: PRJ000027	**Version:** 0.1
Definition: Phase name and phase number information of the concerned address in English	

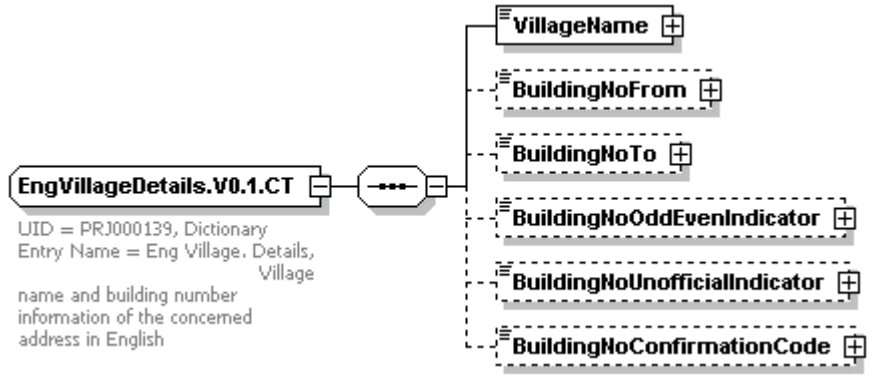
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000028	**Phase Name** (Eng Phase. Phase Name. Text)	String	0..1
The phase name in English of the concerned address			Maximum length: 80	
2	PRJ000029	**Phase No** (Eng Phase. Phase No. Numeric)	Decimal	0..1
The phase number of the concerned address			Total digit: 2 Fractional digit: 0	

Dictionary Entry Information	
Dictionary Entry Name: Eng Village. Details	
UID: PRJ000139	**Version:** 0.1
Definition: Village name and building number information of the concerned address in English	

Schema Structure



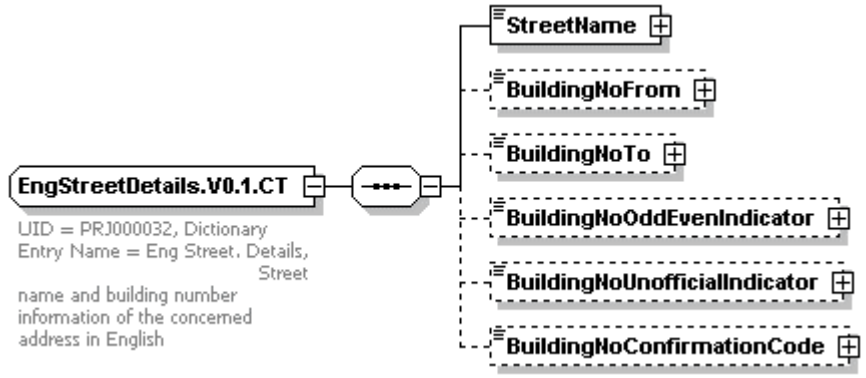
Basic BIE Details / Aggregated BIEs

Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000140	**Village Name** (Eng Village. Village Name. Text)	String	1
Full village/place name of the address in English			Maximum length: 67	
2	PRJ000141	**Building No From** (Eng Village. Building No From. Text)	String	0..1
Starting building number of the address, or the full building number when a single building number value is concerned, non-numeric part is included (e.g. '12A' in '12A-14B', and '3B' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of maximum 4 numeric digits in between. All three groups are optional. Maximum length: 7	
3	PRJ000142	**Building No To** (Eng Village. Building No To. Text)	String	0..1
Ending building number of the address, non-numeric part is included (e.g. '14B' in '12A-14B', and '3C' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of maximum 4 numeric	

			digits in between. All three groups are optional. Maximum length: 7	
4	PRJ000143	**Building No Odd Even Indicator** (Eng Village. Building No Odd Even Indicator. Code)	String	0..1
Indicator showing the building numbers concerned within the range, where O = Odd numbers within the range, E = Even numbers within the range, B = Both even and odd numbers within the range			Maximum length: 1 Enumeration: O, E, B	
5	PRJ000144	**Building No Unofficial Indicator** (Eng Village. Building No Unofficial Indicator. Code)	String	0..1
Indicator showing the unofficial part(s) of address, where 1 = Unofficial building number or no building number, 2 = Unofficial building number and village name			Maximum length: 1 Enumeration: 1, 2	
6	PRJ000145	**Building No Confirmation Code** (Eng Village. Building No Confirmation. Code)	String	0..1
Indicator showing whether the assigned building number is confirmed, where C = Confirmed building number, P = Provisional building number, A = Not yet allocated but action to be taken, B = Use existing old number but action to be taken, X = Not applicable. When this code is C or P, the 'Building No From' must not be Null			Maximum length: 1 Enumeration: C, P, A, B, X	

Dictionary Entry Information	
Dictionary Entry Name: Eng Street. Details	
UID: PRJ000032	**Version:** 0.1
Definition: Street name and building number information of the concerned address in English	

Schema Structure

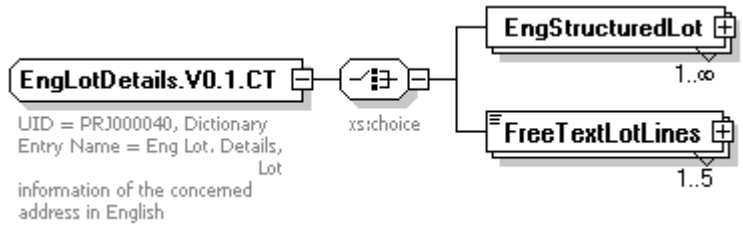


Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000033	**Street Name** (Eng Street. Street Name. Text)	String	1
Full street name of the address in English			Maximum length: 67	
2	PRJ000034	**Building No From** (Eng Street. Building No From. Text)	String	0..1
Starting building number of the address, or the full building number when a single building number value is concerned, non-numeric part is included (e.g. '12A' in '12A-14B', and '3B' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of maximum 4 numeric digits in between. All three groups are optional. Maximum length: 7	
3	PRJ000035	**Building No To** (Eng Street. Building No To. Text)	String	0..1
Ending building number of the address, non-numeric part is included (e.g. '14B' in '12A-14B', and '3C' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of	

			maximum 4 numeric digits in between. All three groups are optional. Maximum length: 7	
4	PRJ000036	**Building No Odd Even Indicator** (Eng Street. Building No Odd Even Indicator. Code)	String	0..1
Indicator showing the building numbers concerned within the range, where O = Odd numbers within the range, E = Even numbers within the range, B = Both even and odd numbers within the range			Maximum length: 1 Enumeration: O, E, B	
5	PRJ000037	**Building No Unofficial Indicator** (Eng Street. Building No Unofficial Indicator. Code)	String	0..1
Indicator showing the unofficial part(s) of address, where 1 = Unofficial building number or no building number, 2 = Unofficial building number and street name			Maximum length: 1 Enumeration: 1, 2	
6	PRJ000038	**Building No Confirmation Code** (Eng Street. Building No Confirmation. Code)	String	0..1
Indicator showing whether the assigned building number is confirmed, where C = Confirmed building number, P = Provisional building number, A = Not yet allocated but action to be taken, B = Use existing old number but action to be taken, X = Not applicable. When this code is C or P, the 'Building No From' must not be Null			Maximum length: 1 Enumeration: C, P, A, B, X	

Dictionary Entry Information	
Dictionary Entry Name: Eng Lot. Details	
UID: PRJ000040	**Version:** 0.1
Definition: Lot information of the concerned address in English	

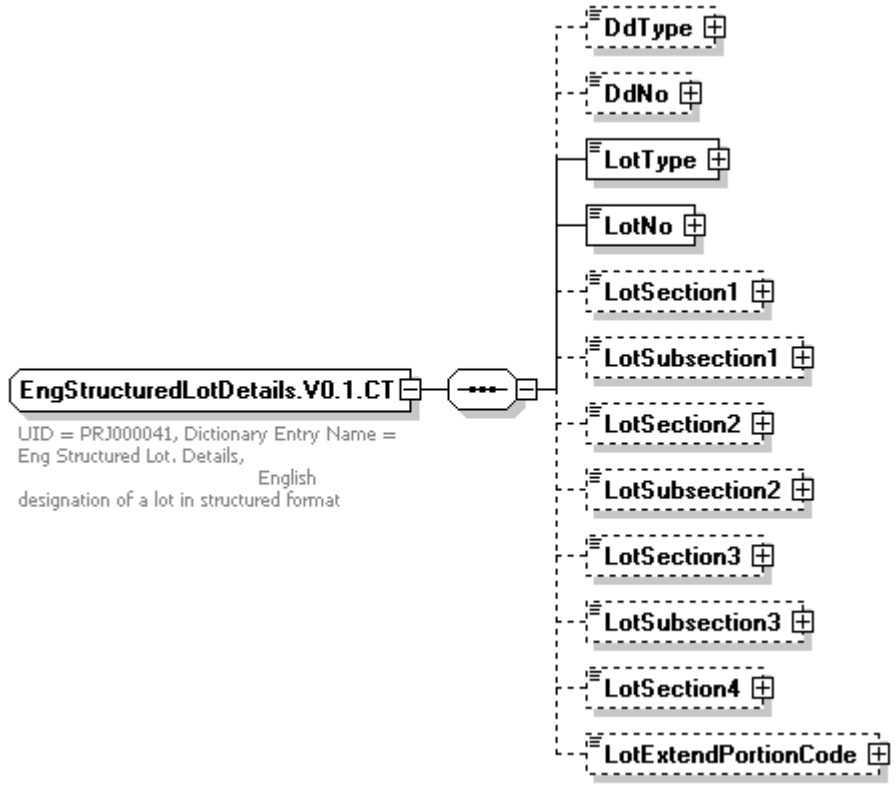
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000041	**Eng Structured Lot** (Eng Structured Lot. Details)		1..unbounded
English designation of a lot in structured format				
2	PRJ000055	**Free Text Lot Lines** (Eng Lot. Free Text Lot Lines. Text)	String	1..5
English lot information represented in free-text format, which is represented in 1 to 5 lines with at most 40 characters in each line.			Maximum length: 40	

Dictionary Entry Information	
Dictionary Entry Name: Eng Structured Lot. Details	
UID: PRJ000041	**Version:** 0.1
Definition: English designation of a lot in structured format	

Schema Structure



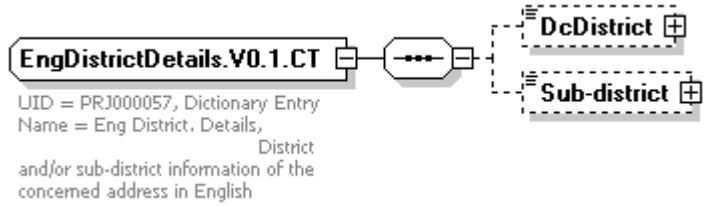
Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000042	**DD Type** (Eng Structured Lot. DD Type. Text)	String	0..1
DD type of the lot information in English			Maximum length: 5	
2	PRJ000043	**DD No** (Eng Structured Lot. DD No. Text)	String	0..1
DD number values of the lot information			Maximum length: 4	
3	PRJ000044	**Lot Type** (Eng Structured Lot. Lot Type. Text)	String	1
Lot type of the lot information in English abbreviation			Maximum length: 15	

4	PRJ000045	**Lot No** (Eng Structured Lot. Lot No. Text)	String	1
Lot number (including both numeric and alphabetical part) of the lot information			Maximum length: 13	
5	PRJ000046	**Lot Section 1** (Eng Structured Lot. Lot Section 1. Text)	String	0..1
The first section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
6	PRJ000047	**Lot Subsection 1** (Eng Structured Lot. Lot Subsection 1. Text)	String	0..1
The first subsection number (e.g. '1', '2') appeared in a lot designation.			Maximum length: 4	
7	PRJ000048	**Lot Section 2** (Eng Structured Lot. Lot Section 2. Text)	String	0..1
The second section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
8	PRJ000049	**Lot Subsection 2** (Eng Structured Lot. Lot Subsection 2. Text)	String	0..1
The second subsection number (e.g. '1', '2') appeared in a lot designation.			Maximum length: 3	
9	PRJ000050	**Lot Section 3** (Eng Structured Lot. Lot Section 3. Text)	String	0..1
The third section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
10	PRJ000051	**Lot Subsection 3** (Eng Structured Lot. Lot Subsection 3. Text)	String	0..1
The third subsection number (e.g. '1', '2') appeared in a lot designation.			Maximum length: 3	
11	PRJ000052	**Lot Section 4** (Eng Structured Lot. Lot	String	0..1

		Section 4. Text)		
The fourth section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
12	PRJ000053	**Lot Extend Portion Code** (Eng Structured Lot. Lot Extend Portion. Code)	String	0..1
Lot extend portion code, where 1 = and the first extension thereto, 2 = and the second extension thereto, 3 = and the third extension thereto, 4 = and the fourth extension thereto, 5 = and the fifth extension thereto, 6 = and the sixth extension thereto, 7 = and the seventh extension thereto, 8 = and the eighth extension thereto, 9 = and the extension thereto			Maximum length: 1 Enumeration: 1, 2, 3, 4, 5, 6, 7, 8, 9	

Dictionary Entry Information	
Dictionary Entry Name: Eng District. Details	
UID: PRJ000057	**Version:** 0.1
Definition: District and/or sub-district information of the concerned address in English	

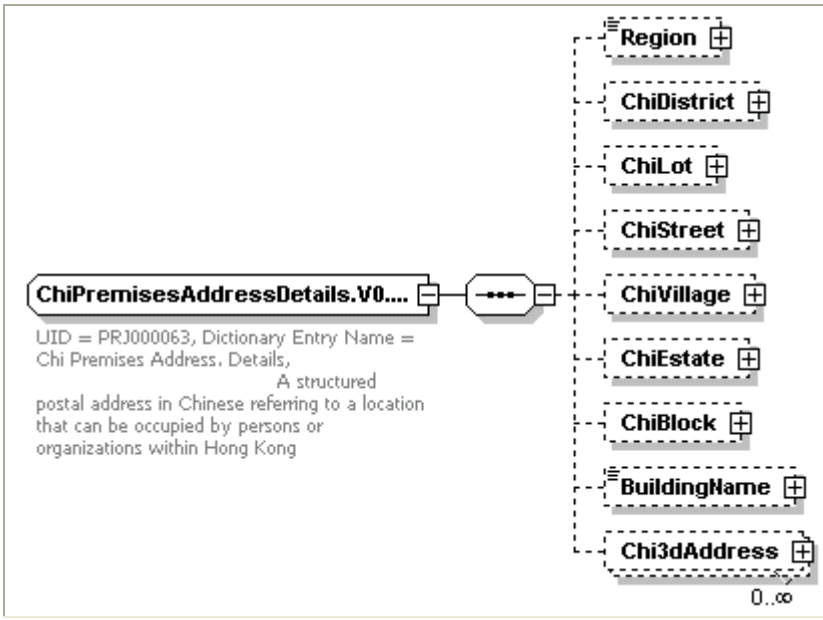
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000058	**DC District** (Eng District. DC District. Code)	String	0..1
Code of the District Council where the concerned address locates			Maximum length: 3 Code list: English District Council Code	
2	PRJ000059	**Sub-district** (Eng District. Sub-district. Text)	String	0..1
Name of the sub-district in English where the concerned address locates. Sub-districts are the names that are commonly used by the general public in writing their addresses (e.g. 'HAPPY VALLEY', 'TSIM SHA TSUI')			Maximum length: 40	

Dictionary Entry Information	
Dictionary Entry Name: Chi Premises Address. Details	
UID: PRJ000063	**Version:** 0.1
Definition: A structured postal address in Chinese referring to a location that can be occupied by persons or organizations within Hong Kong	

Schema Structure

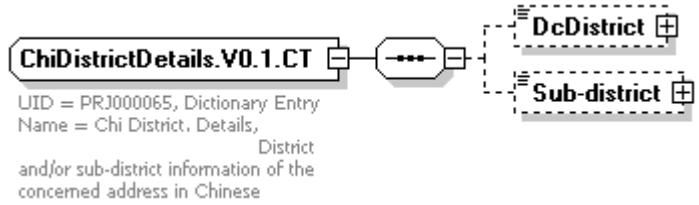


Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000064	**Region** (Chi Premises Address. Region. Text)	String	0..1
Region that the address reference to (e.g. '香港', '九龍', '新界')			Maximum length: 3 Enumeration: 香港, 九龍, 新界	
2	PRJ000065	**Chi District** (Chi District. Details)		0..1
District information of the concerned address in Chinese				
3	PRJ000069	**Chi Lot** (Chi Lot. Details)		0..1
Lot information of the concerned address in Chinese				
4	PRJ000086	**Chi Street** (Chi Street. Details)		0..1
Street name and building number information of the concerned address in Chinese				

5	PRJ000147	**Chi Village (**Chi Village. Details**)**		0..1
Village name and building number information of the concerned address in Chinese				
6	PRJ000094	**Chi Estate** (Chi Estate. Details)		0..1
Estate name and related information of the concerned address in Chinese				
7	PRJ000101	**Chi Block** (Chi Block. Details)		0..1
Block information of the concerned address in Chinese				
8	PRJ000105	**Building Name** (Chi Premises Address. Building Name. Text)	String	0..1
Full building name in Chinese			Maximum length: 85	
9	PRJ000106	**Chi 3D Address** (Chi 3D Address. Details)		0..unbounded
Floor and Unit information of the concerned address in Chinese. If multiple floors and/or units are concerned in the address, each concerned floor and unit pair should be recorded as one Chi 3D Address element.				

Dictionary Entry Information	
Dictionary Entry Name: Chi District. Details	
UID: PRJ000065	**Version:** 0.1
Definition: District and/or sub-district information of the concerned address in Chinese	

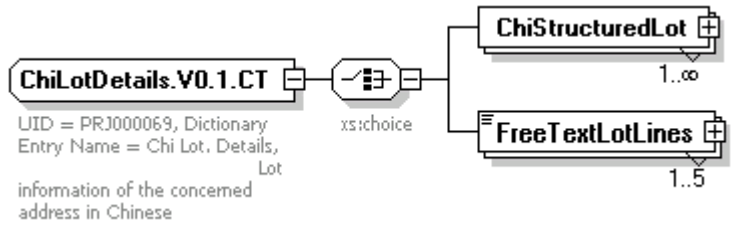
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000066	**DC District** (Chi District. DC District. Code)	String	0..1
Code of the District Council where the concerned address locates			Maximum length: 3 Code list: Chinese District Council Code	
2	PRJ000067	**Sub-district** (Chi District. Sub-district. Text)	String	0..1
Name of the sub-district in Chinese where the concerned address locates. Sub-districts are the names that are commonly used by the general public in writing their addresses (e.g. '跑馬地', '尖沙咀')			Maximum length: 40	

Dictionary Entry Information	
Dictionary Entry Name: Chi Lot. Details	
UID: PRJ000069	**Version:** 0.1
Definition: Lot information of the concerned address in Chinese	

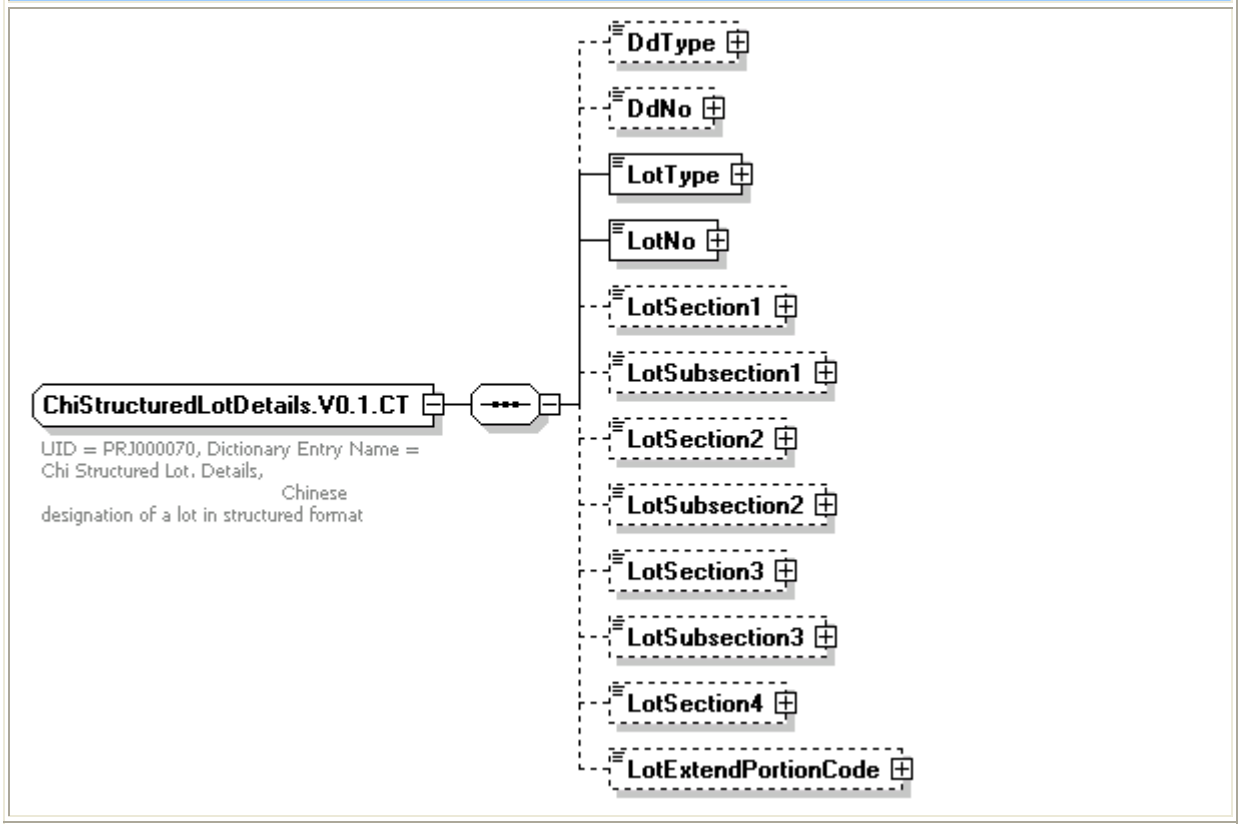
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000070	**Chi Structured Lot** (Chi Structured Lot. Details)		1..unbounded
Chinese designation of a lot in structured format				
2	PRJ000084	**Free Text Lot Lines** (Chi Lot. Free Text Lot Lines. Text)	String	1..5
Chinese lot information represented in free-text format, which is represented in 1 to 5 lines with at most 35 characters in each line.			Maximum length: 35	

Dictionary Entry Information	
Dictionary Entry Name: Chi Structured Lot. Details	
UID: PRJ000070	**Version:** 0.1
Definition: Chinese designation of a lot in structured format	

Schema Structure



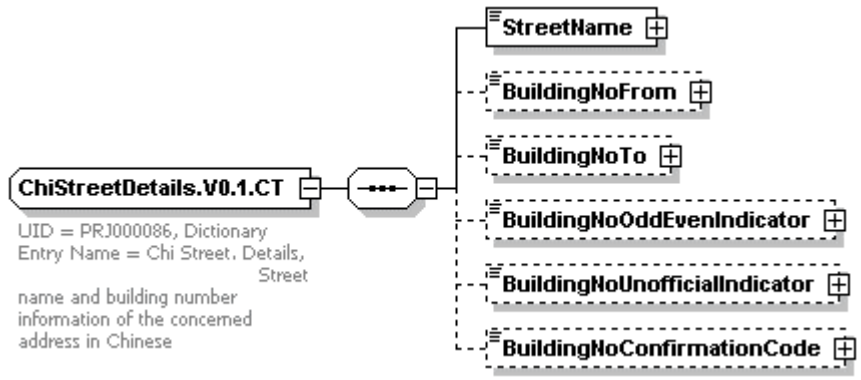
Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000071	**DD Type** (Chi Structured Lot. DD Type. Text)	String	0..1
DD type of the lot information in Chinese			Maximum length: 4	
2	PRJ000072	**DD No** (Chi Structured Lot. DD No. Text)	String	0..1
DD number values of the lot information			Maximum length: 4	
3	PRJ000073	**Lot Type** (Chi Structured Lot. Lot Type. Text)	String	1
Lot type of the lot information in Chinese abbreviation			Maximum length: 8	

4	PRJ000074	**Lot No** (Chi Structured Lot. Lot No. Text)	String	1
Lot number (including both numeric and alphabetical part) of the lot information			Maximum length: 13	
5	PRJ000075	**Lot Section 1** (Chi Structured Lot. Lot Section 1. Text)	String	0..1
The first section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
6	PRJ000076	**Lot Subsection 1** (Chi Structured Lot. Lot Subsection 1. Text)	String	0..1
The first subsection number (e.g. '1', '2') appeared in a lot designation.			Maximum length: 4	
7	PRJ000077	**Lot Section 2** (Chi Structured Lot. Lot Section 2. Text)	String	0..1
The second section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
8	PRJ000078	**Lot Subsection 2** (Chi Structured Lot. Lot Subsection 2. Text)	String	0..1
The second subsection number (e.g. '1', '2') appeared in a lot designation.			Maximum length: 3	
9	PRJ000079	**Lot Section 3** (Chi Structured Lot. Lot Section 3. Text)	String	0..1
The third section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
10	PRJ000080	**Lot Subsection 3** (Chi Structured Lot. Lot Subsection 3. Text)	String	0..1
The third subsection number (e.g. '1', '2') appeared in a lot designation.			Maximum length: 3	
11	PRJ000081	**Lot Section 4** (Chi Structured Lot. Lot	String	0..1

		Section 4. Text)		
The fourth section letter (e.g. 'A', 'B', 'AA', 'C-F') appeared in a lot designation. Special values for non-section letters are enclosed in brackets, where: (PE) = PRAYA EXTENSION TO, (PR) = PRAYA EXCLAMATION TO, (RP) = THE REMAINING PORTION OF, (RC) = THE RECLAMATION TO			Maximum length: 4	
12	PRJ000082	**Lot Extend Portion Code** (Chi Structured Lot. Lot Extend Portion. Code)	String	0..1
Lot extend portion code, where 1 = and the first extension thereto, 2 = and the second extension thereto, 3 = and the third extension thereto, 4 = and the fourth extension thereto, 5 = and the fifth extension thereto, 6 = and the sixth extension thereto, 7 = and the seventh extension thereto, 8 = and the eighth extension thereto, 9 = and the extension thereto			Maximum length: 1 Enumeration: 1, 2, 3, 4, 5, 6, 7, 8, 9	

Dictionary Entry Information	
Dictionary Entry Name: Chi Street. Details	
UID: PRJ000086	**Version:** 0.1
Definition: Street name and building number information of the concerned address in Chinese	

Schema Structure

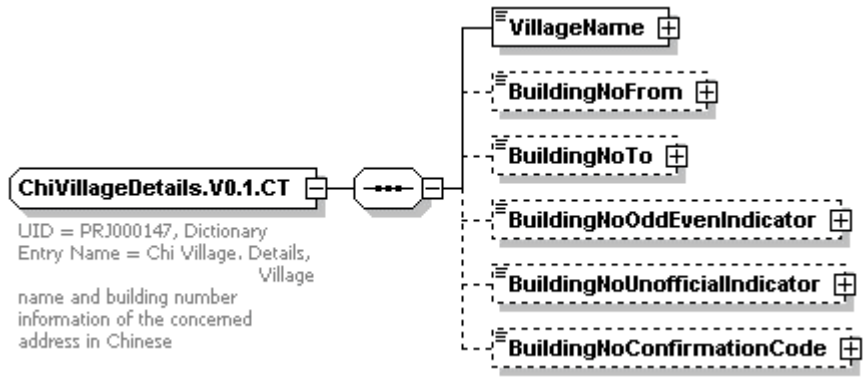


Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000087	**Street Name** (Chi Street. Street Name. Text)	String	1
Full street name of the address in Chinese			Maximum length: 24	
2	PRJ000088	**Building No From** (Chi Street. Building No From. Text)	String	0..1
Starting building number of the address, or the full building number when a single building number value is concerned, non-numeric part is included (e.g. '12A' in '12A-14B', and '3B' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of maximum 4 numeric digits in between. All three groups are optional. Maximum length: 7	
3	PRJ000089	**Building No To** (Chi Street. Building No To. Text)	String	0..1
Ending building number of the address, non-numeric part is included (e.g. '14B' in '12A-14B', and '3C' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of maximum 4 numeric	

			digits in between. All three groups are optional. Maximum length: 7	
4	PRJ000090	**Building No Odd Even Indicator** (Chi Street. Building No Odd Even Indicator. Code)	String	0..1
Indicator showing the building numbers concerned within the range, where O = Odd numbers within the range, E = Even numbers within the range, B = Both even and odd numbers within the range			Maximum length: 1 Enumeration: O, E, B	
5	PRJ000091	**Building No Unofficial Indicator** (Chi Street. Building No Unofficial Indicator. Code)	String	0..1
Indicator showing the unofficial part(s) of address, where 1 = Unofficial building number, or no building number, 2 = Unofficial building number and street name			Maximum length: 1 Enumeration: 1, 2	
6	PRJ000092	**Building No Confirmation Code** (Chi Street. Building No Confirmation. Code)	String	0..1
Indicator showing whether the assigned building number is confirmed, where C = Confirmed building number, P = Provisional building number, A = Not yet allocated but action to be taken, B = Use existing old number but action to be taken, X = Not applicable. When this code is C or P, the 'Building No From' must not be Null			Maximum length: 1 Enumeration: C, P, A, B, X	

Dictionary Entry Information	
Dictionary Entry Name: Chi Village. Details	
UID: PRJ000147	**Version:** 0.1
Definition: Village name and building number information of the concerned address in Chinese	

Schema Structure

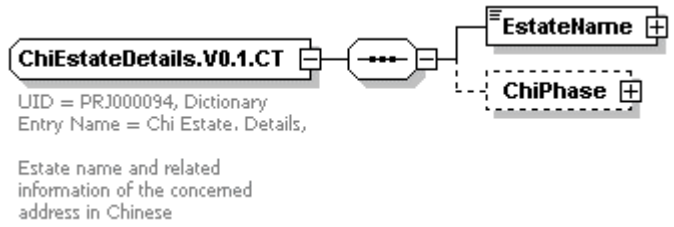


Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000148	**Village Name** (Chi Village. Village Name. Text)	String	1
Full village/place name of the address in Chinese			Maximum length: 24	
2	PRJ000149	**Building No From** (Chi Village. Building No From. Text)	String	0..1
Starting building number of the address, or the full building number when a single building number value is concerned, non-numeric part is included (e.g. '12A' in '12A-14B', and '3B' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of maximum 4 numeric digits in between. All three groups are optional. Maximum length: 7	
3	PRJ000150	**Building No To** (Chi Village. Building No To. Text)	String	0..1
Ending building number of the address, non-numeric part is included (e.g. '14B' in '12A-14B', and '3C' in '3B/3C')			Two groups of maximum 2 alphabets for each, and a group of	

			maximum 4 numeric digits in between. All three groups are optional. Maximum length: 7	
4	PRJ000151	**Building No Odd Even Indicator** (Chi Village. Building No Odd Even Indicator. Code)	String	0..1
Indicator showing the building numbers concerned within the range, where O = Odd numbers within the range, E = Even numbers within the range, B = Both even and odd numbers within the range			Maximum length: 1 Enumeration: O, E, B	
5	PRJ000152	**Building No Unofficial Indicator** (Chi Village. Building No Unofficial Indicator. Code)	String	0..1
Indicator showing the unofficial part(s) of address, where 1 = Unofficial building number, or no building number, 2 = Unofficial building number and village name			Maximum length: 1 Enumeration: 1, 2	
6	PRJ000153	**Building No Confirmation Code** (Chi Village. Building No Confirmation. Code)	String	0..1
Indicator showing whether the assigned building number is confirmed, where C = Confirmed building number, P = Provisional building number, A = Not yet allocated but action to be taken, B = Use existing old number but action to be taken, X = Not applicable. When this code is C or P, the 'Building No From' must not be Null			Maximum length: 1 Enumeration: C, P, A, B, X	

Dictionary Entry Information	
Dictionary Entry Name: Chi Estate. Details	
UID: PRJ000094	**Version:** 0.1
Definition: Estate name and related information of the concerned address in Chinese	

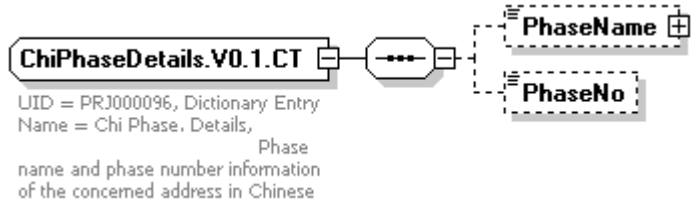
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000095	**Estate Name** (Chi Estate. Estate Name. Text)	String	1
The estate name of the address in Chinese			Maximum length: 25	
2	PRJ000096	**Chi Phase** (Chi Phase. Details)		0..1
Phase name and phase number information of the concerned address in Chinese				

Dictionary Entry Information	
Dictionary Entry Name: Chi Phase. Details	
UID: PRJ000096	**Version:** 0.1
Definition: Phase name and phase number information of the concerned address in Chinese	

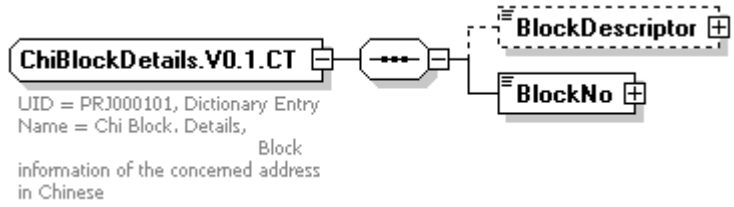
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000097	**Phase Name** (Chi Phase. Phase Name. Text)	String	0..1
The phase name in Chinese of the concerned address			Maximum length: 25	
2	PRJ000098	**Phase No** (Chi Phase. Phase No. Numeric)	Decimal	0..1
The phase number of the concerned address			Total digit: 2 Fractional digit: 0	

Dictionary Entry Information	
Dictionary Entry Name: Chi Block. Details	
UID: PRJ000101	**Version:** 0.1
Definition: Block information of the concerned address in Chinese	

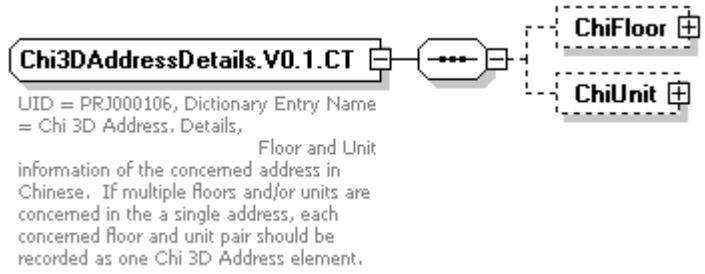
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000102	**Block Descriptor** (Chi Block. Block Descriptor. Text)	String	0..1
Block descriptor in Chinese (e.g. '座', '洋房')			Maximum length: 14	
2	PRJ000103	**Block No** (Chi Block. Block No. Text)	String	1
Block number in Chinese or numeric values (e.g. '1','一', '東')			Maximum length: 5	

Dictionary Entry Information	
Dictionary Entry Name: Chi 3D Address. Details	
UID: PRJ000106	**Version:** 0.1
Definition: Floor and Unit information of the concerned address in Chinese. If multiple floors and/or units are concerned in the address, each concerned floor and unit pair should be recorded as one Chi 3D Address element.	

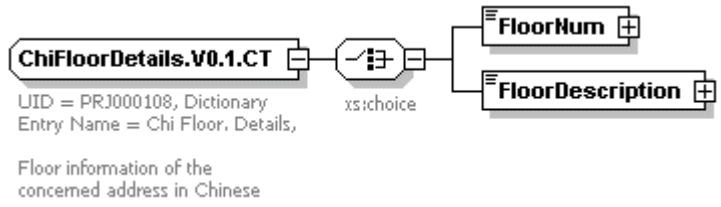
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000108	**Chi Floor** (Chi Floor. Details)		0..1
Floor information of the concerned address in Chinese				
2	PRJ000112	**Chi Unit** (Chi Unit. Details)		0..1
Unit information of the concerned address in Chinese				

Dictionary Entry Information	
Dictionary Entry Name: Chi Floor. Details	
UID: PRJ000108	**Version:** 0.1
Definition: Floor information of the concerned address in Chinese	

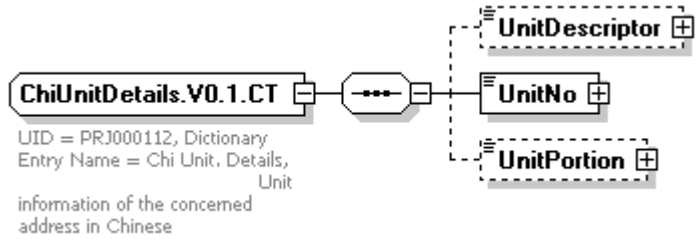
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000109	**Floor Num** (Chi Floor. Floor Num. Text)	String	1
Floor number, used only when the floor information is a numeric value (including a numeric value in Chinese characters) e.g. '3', '三'. Floor description in Chinese as in full postal address can be generated by appending '樓' to FloorNum.			Maximum length: 3	
2	PRJ000110	**Floor Description** (Chi Floor. Floor Description. Text)	String	1
Chinese floor description, used only when the floor information contains non-numeric part e.g. '大堂', '地下上層', '地庫 2 樓'			Maximum length: 10	

Dictionary Entry Information	
Dictionary Entry Name: Chi Unit. Details	
UID: PRJ000112	**Version:** 0.1
Definition: Unit information of the concerned address in Chinese	

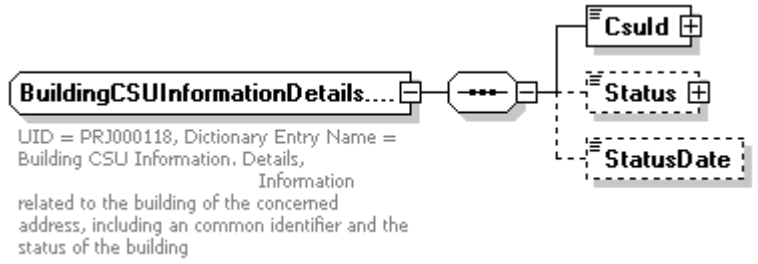
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000113	**Unit Descriptor** (Chi Unit. Unit Descriptor. Text)	String	0..1
Unit descriptor in Chinese (e.g. '室', '舖')			Maximum length: 15	
2	PRJ000114	**Unit No** (Chi Unit. Unit No. Text)	String	1
Unit number (including any non-numeric parts) (e.g. 'A1', '3C')			Maximum length: 23	
3	PRJ000115	**Unit Portion** (Chi Unit. Unit Portion. Text)	String	0..1
Indicate the concerned portion of a Unit in Chinese (e.g. '前座', '後座'). Used when the address refers to part of a Unit only			Maximum length: 6	

Dictionary Entry Information	
Dictionary Entry Name: Building CSU Information. Details	
UID: PRJ000118	**Version:** 0.1
Definition: Information related to the building of the concerned address, including an common identifier and the status of the building	

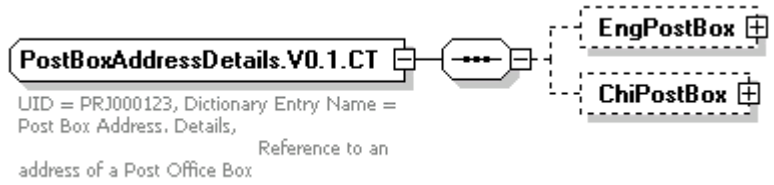
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000119	**CSU ID** (Building CSU Information. CSU ID. Text)	String	1
Building CSU ID, a unique and persistent identifier for on-ground buildings, formed by concatenating Geo Ref No, Polygon Type and Record Creation Date			10 numeric digits followed by a character from a choice of 'P' or 'T'. Ended by 8 numeric digits Length: 19	
2	PRJ000120	**Status** (Building CSU Information. Status. Code)	String	0..1
Status of the concerned building, where P = Proposed, A = Active, D = Demolished			Maximum length: 1 Enumeration: P, A, D	
3	PRJ000121	**Status Date** (Building CSU Information. Status. Date)	Date	0..1
The date when the status of the concerned building (i.e. value of the Status element) was last obtained			N/A	

Dictionary Entry Information	
Dictionary Entry Name: Post Box Address. Details	
UID: PRJ000123	**Version:** 0.1
Definition: Reference to an address of a Post Office Box	

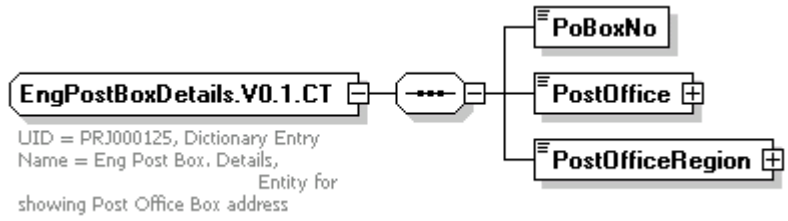
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000125	**Eng Post Box** (Eng Post Box. Details)		0..1
Entity for showing Post Office Box address				
2	PRJ000130	**Chi Post Box** (Chi Post Box. Details)		0..1
Entity for showing Post Box address in Chinese				

Dictionary Entry Information	
Dictionary Entry Name: Eng Post Box. Details	
UID: PRJ000125	**Version:** 0.1
Definition: Entity for showing Post Office Box address	

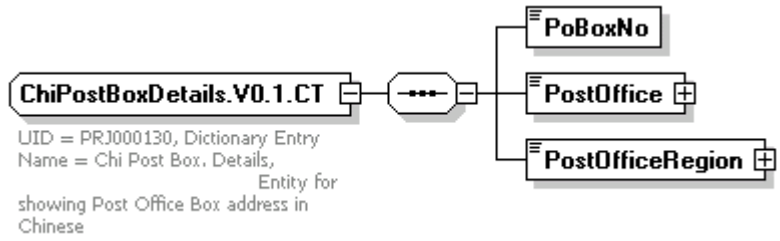
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000126	**PO Box No** (Eng Post Box. PO Box No. Numeric)	Decimal	1
Post Office box number of a Post Box Address			Total digit: 6 Fractional digit: 0	
2	PRJ000127	**Post Office** (Eng Post Box. Post Office. Text)	String	1
Name of the post office in English that the Post Office Box locates in.			Maximum length: 50	
3	PRJ000128	**Post Office Region** (Eng Post Box. Post Office Region. Text)	String	1
Name of the region in English that the concerned Post office locates in.			Maximum length: 30	

Dictionary Entry Information	
Dictionary Entry Name: Chi Post Box. Details	
UID: PRJ000130	**Version:** 0.1
Definition: Entity for showing Post Office Box address in Chinese	

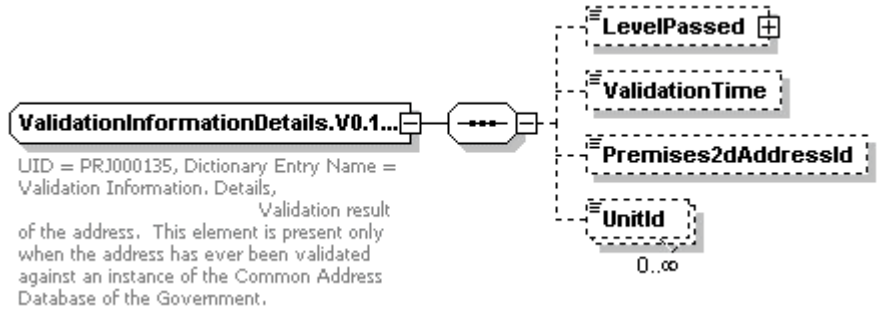
Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000131	**PO Box No** (Chi Post Box. PO Box No. Numeric)	Decimal	1
Post Office box number of a Post Box Address			Total digit: 6 Fractional digit: 0	
2	PRJ000132	**Post Office** (Chi Post Box. Post Office. Text)	String	1
Name of the post office in Chinese that the Post Office Box locates in.			Maximum length: 15	
3	PRJ000133	**Post Office Region** (Chi Post Box. Post Office Region. Text)	String	1
Name of the region in Chinese that the concerned Post office locates in.			Maximum length: 5	

Dictionary Entry Information	
Dictionary Entry Name: Validation Information. Details	
UID: PRJ000135	**Version:** 0.1
Definition: Validation result of the address. This element is present only when the address has ever been validated against an instance of the Common Address Database of the Government.	

Schema Structure



Basic BIE Details / Aggregated BIEs				
Order	*UID*	*Property (Dictionary Entry Name)*	*Data Type*	*Cardinality*
Definition			*Restriction*	
1	PRJ000136	**Level Passed** (Validation Information. Level Passed. Code)	String	0..1
The level of validation passed for the concerned address. This can be: 2D = Validation up to 2D level (Without floor and unit information), Floor = Validation up to floor level, Unit = Validation up to unit level (Fully validated), Fail = The concerned address cannot be validated			Maximum length: 5 Enumeration: 2D, Floor, Unit, Fail	
2	PRJ000137	**Validation Time** (Validation Information. Validation Time. Date Time)	Date Time	0..1
Date and time when the concerned address is validated			N/A	
3	PRJ000155	**Premises 2D Address ID** (Validation Information. Building Address ID. Numeric)	Decimal	0..1
Unique identifier of the corresponding 2D Address record in the Common Address Database of the Government			Total digit: 9 Fractional digit: 0	
4	PRJ000156	**Unit ID** (Validation Information. Unit ID. Numeric)	Decimal	0..unbounded

Unique identifier of the corresponding Unit record in the Common Address Database of the Government	Total digit: 9 Fractional digit: 0

3 Relationship with Industry / International Standards

3.1.1 There are address data standards developed by the industry and are adopted worldwide. Being an international city, it is recommended for the proposed Data Exchange Standard to be adopted in Hong Kong to be mapped with other industry / international standards so as to keep the advantage of exchanging information with foreign organizations. The mappings between the proposed Data Exchange Standard and two major industry/international standards related to address, namely Extensible Address Language (xAL) and Universal Business Language (UBL) are proposed below.

3.1.2 Mapping between the proposed Data Exchange Standard and xAL is shown in Table 2:

Data element in the Data Exchange Standard (Corresponding element in Chinese Address)	**Corresponding xAL element**	**Remarks**
'HKSAR'	AdministrativeArea	
Region	SubAdminstrativeArea	
DcDistrict Sub-district	LocalityName	DcDistrict and Sub-district are specified in the same Locality element. If both DcDistrict and Sub-district are not specified, LocalityName element is represented by '-'
EngLot (ChiLot)	DependentLocalityName	Components of lot element are combined
EstateName PhaseName PhaseNo	DependentLocalityName	EstateName, PhaseName and PhaseNo are specified in the same DependentLocality element. If Lot is specified, it belongs to the DependentLocalityName element one level below the Lot DependentLocalityName element; otherwise, it belongs to the DependentLocalityName element one level below the LocalityName.
VillageName	DependentLocalityName	
BuildingNoFrom (of EngVillage and ChiVillage)	PremiseNumberRangeFrom	When 'BuildingNoTo' is absent, 'BuildingNoFrom' is mapped to 'PremiseNumber' in xAL

Data element in the Data Exchange Standard (Corresponding element in Chinese Address)	Corresponding xAL element	Remarks
BuildingNoTo (of EngVillage and ChiVillage)	PremiseNumberRangeTo	
StreetName	ThoroughfareName	
BuildingNoFrom (of EngStreet and ChiStreet)	ThoroughfareNumberFrom	When 'BuildingNoTo' is absent, 'BuildingNoFrom' is mapped to 'ThoroughfareNumber' in xAL
BuildingNoTo (of EngStreet and ChiStreet)	ThoroughfareNumberTo	
BlockDescriptor	PremiseName	
BlockNo	PremiseNumber	
BuildingName	BuildingName	
FloorNum FloorDescription	SubPremiseNumber	
UnitDescriptor	SubPremiseName	Belongs to the SubPremise element one level below the floor SubPremise element.
UnitNo	SubPremiseNumber	Belongs to the SubPremise element one level below the floor SubPremise element.
UnitPortion	SubPremiseName	Belongs to the SubPremise element one level below the unit SubPremise element.
PostOfficeRegion	LocalityName	
PostOffice	PostOfficeName	
PoBoxNo	PostBoxNumber	

Table 2 - Mapping between the proposed Data Exchange Standard and xAL

3.1.3 Mapping between the proposed Data Exchange Standard and UBL is shown in Table 3:

Data element in the proposed Data Exchange Standard	Corresponding UBL element	Remarks
Region	District	
District Sub-district	District	District and Sub-district elements are combined

Data element in the proposed Data Exchange Standard	Corresponding UBL element	Remarks
EngLot (ChiLot)	AddressLine	Components of lot element are combined
EstateName PhaseName PhaseNo	CityName	EstateName, PhaseName and PhaseNo elements are combined
VillageName	CityName	
StreetName	StreetName	
BuildingNoFrom BuildingNoTo	BuildingNumber	BuildingNoFrom and BuildingNoTo elements are combined
BlockDescriptor BlockNo BuildingName	BuildingName	BlockDescriptor, BlockNo and BuildingName elements are combined
FloorNum FloorDescription	Floor	
UnitDescriptor UnitNo UnitPortion	Room	UnitDescriptor, UnitNo and UnitPortion elements are combined
PostOfficeRegion PostOffice PoBoxNo	PostBox	PostOfficeRegion, PostOffice and PoBoxNo elements are combined

Table 3 - Mapping between the proposed Data Exchange Standard and UBL

4 Appendix: List of Abbreviations

B/Ds	Bureaux and Departments
BD	Buildings Department
C&SD	Census and Statistics Department
CED	Civil Engineering Department
CEDD	Civil Engineering and Development Department
CSB	Civil Service Bureau
CSU	Common Spatial Unit
DAM	Data Alignment Measures
DSD	Drainage Services Department
EMSD	Electrical and Mechanical Services Department
EPD	Environmental Protection Department
HKSARG	The Government of the Hong Kong Special Administrative Region
HOUSING	Housing Department
HyD	Highways Department
IRD	Inland Revenue Department
LandsD	Lands Department
LR	Land Registry
PlanD	Planning Department
RVD	Rating and Valuation Department
TD	Transport Department
TDD	Territory Development Department
WSD	Water Supplies Department