ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L3811 - Curtain Walls

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50201**

Document Revision: **6.0**

Learning Legacy Document

Document History:

Revision:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	11-Oct-2013	[redacted]	[redacted]	[redacted]	First Issue
2.0	03-Jun-2014	[redacted]	[redacted]	[redacted]	Asset Tag Identification Section Updated
3.0	24-Jun-2014	[redacted]	[redacted]	[redacted]	Update Description
4.0	19-Sep-2014	[redacted]	[redacted]	[redacted]	Approvals Added Consultations Removed
5.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated
6.0	21-Oct-2016	[redacted]	[redacted]	[redacted]	Attributes added

This document contains proprietary information. No part of this document may be reproduced without prior written consent from the chief executive of Crossrail Ltd.

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited **RESTRICTED**

Contents

1 Introduction **3**
1.1 Asset Details **3**
1.2 Description **3**
1.3 Related Functions **3**
2 Asset Tag Identification Rules **4**
2.1 Example Images **4**
3 Attributes **5**
3.1 Generic Attributes **5**
3.2 Class Specific Attributes **5**
4 Performance Data **13**
5 Labelling **13**
6 Other Information **13**
7 Reference Material **13**
8 Crossrail Technical Approvals **14**

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

1 Introduction

1.1 Asset Details

Class Code:	L3811
Class Name:	Curtain Walls
Class Lineage:	Construction Products>Structural and space division products>Non-structural space division products >Facades and roofs>Curtain Walls

1.2 Description

A curtain wall is a non-structural outer covering of a building, often made of a lightweight material. The curtain wall does not carry any load from the building other than its own.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

2 Asset Tag Identification Rules

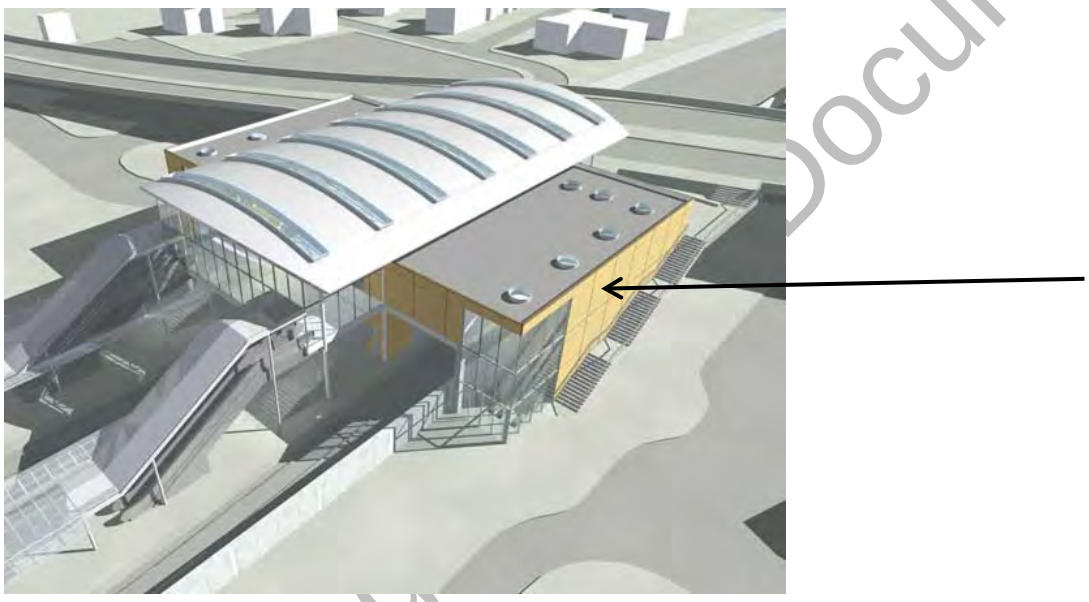
Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. CR076-BAF-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

2.1 Example Images



Learning Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Length (Metres)	Metres	NU	2		The total length of the asset
Number of Tiles (#)	#	NU	0		The number of tiles making up the curtain wall asset
Width (Metres)	Metres	NU	2		The total width of the asset
Height (Metres)	Metres	NU	2		The total height of the asset
Wall Finish		PD		Aluminium Aluminium Panels Aluminium Panels; Glazed Aluminium Panels; Painted Aluminium; Painted Aluminium; Tiled	The finish of the wall

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
				Aluminum; Enamel Clad Anti-Graffiti Asphalt Blockwork Blockwork; Brick Blockwork; Brick; Concrete Blockwork; Brick; Metal Blockwork; Brick; Painted Blockwork; Brick; Tiled; Paint Blockwork; Concrete Blockwork; Concrete; Metal Blockwork; Concrete; Painted Blockwork; Metal Blockwork; Metal; Painted Blockwork; Painted Blockwork; Tiled Blockwork; Timber Brick Brick; Blockwork; Plasterboard	

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
				Brick; Concrete Brick; Concrete; Glazed Brick; Concrete; Metal Brick; Concrete; Painted Brick; Enamel Clad Brick; Fence Brick; Fibre Glass; Metal Brick; Glazed Brick; Glazed; Metal Brick; Glazed; Metal; Tiled Brick; Glazed; Tiled Brick; Metal Brick; Metal; Painted Brick; Metal; Tiled Brick; Metal; Timber Brick; Painted Brick; Painted; Glazed Brick; Painted; Tiled Brick; Painted; Timber	

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
				Brick; Plasterboard Brick; Plastered Brick; Rendered Brick; Tiled Brick; Tiled; Timber Brick; Timber Carpeted; Painted Cast Iron Lining Segments Composite Asbestos Tile Concrete Concrete Timber Boarded Concrete; Mesh Concrete; Metal Concrete; Painted Concrete; Painted; Metal Concrete; Painted; Tiled Concrete; Tiled Corrugated Steel Sheeting Panels Enamel Clad	

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
				Enamel Clad; Glazed Enamel Clad; Metal Enamel Clad; Metal; Painted; Enamel Clad; Metal; Tiled Enamel Clad; Painted Enamel Clad; Painted; Tiled Enamel Clad; Tiled Fibreboard Fibreglass Gating Gating; Tiled Glazed Glazed; Metal Glazed; Metal; Painted Glazed; Metal; Tiled Glazed; Painted Glazed; Painted; Tiled Glazed; Tiled Glazed; Tiled; Timber	

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
				Louvres Melamine Cladding Mesh; Tiled Metal Metal Panels Metal; Painted Metal; Painted; Plastered Metal; Painted; Tiled Metal; Plastered Metal; Powder Coated Metal; Tiled Metal; Timber N/A Paint & Timber Painted Painted Render Painted; Papered Painted; Plasterboard Painted; Plastered	

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
				Painted; Tiled Painted; Tiled; Timber Painted; Tiled; Varnished Painted; Timber Papered Paving Slab Plasterboard Plastered Plastered; Tiled Plastic Rubber; Varna Store Suspended Tiled Tiled; Shutter Tiled; Timber Timber Varnished Vinyl	

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

Learning Legacy Document

© Crossrail Limited RESTRICTED

4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Head of Architecture	19-Sep-2014

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED