ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Retaining Walls

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50575**

Document Revision: **3.0**

Learning Legacy Document

Document History:

Revision:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	12-May-2015	[redacted]	[redacted]	[redacted]	First Issue
2.0	29-Jan-2016	[redacted]	[redacted]	[redacted]	Description Update
3.0	10-Jan-2017	[redacted]	[redacted]	[redacted]	Attribute 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 PFU Details **3**
1.2 Description **3**
2 Asset Tag Identification Rules **3**
2.1 Example Images **3**
3 Related FUs **4**
4 Related L Classes **4**
5 Alternative Identification **4**
6 Attributes **5**
6.1 Generic Attributes **5**
6.2 Class Specific Attributes **5**
7 Labelling **6**
8 Other Information **6**
9 Reference Material **6**

Learning Legacy Document

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

1 Introduction

Not Applicable

1.1 PFU Details

Class Code:	PFU020
Class Name:	Retaining Walls
Class Type:	Geographic

1.2 Description

Retaining Walls are constructed of a number of individual Retaining Units with joints between each section. Each individual Unit does not constitute an individual asset. The Primary Functional Units (PFU) will constitute a continuous run of individual Units. The PFU would be deemed to have finished at the last Unit or where the wall meets a corner (with another wall).

The Retaining Walls PFU groups the structural assets that make up one Retaining Walls within a single Geographic Facility; each instance of the PFU contains only the structural assets that make up a single Retaining Walls within a facility.

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:

PFU-<PFU Type Code>-<Incremental number to ensure uniqueness>

e.g. PFU-2-01234e.g. PFU-1-12345

2.1 Example Images

Not Applicable

Learning Legacy Document

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

© Crossrail Limited RESTRICTED

3 Related FUs

All information on the configuration of FUs to PFUs is contained within the latest revision of the Asset Data Dictionary Master Configuration Document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

4 Related L Classes

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

5 Alternative Identification

The following table identifies any alternative identification which can be applied to this class of PFU and the description/purpose of the identification

Alternative Identification Name	Alternative Identification Description	Alternative Identification Extended Description
LU Asset Number	Used to identify the asset by its LU Asset ID	The LU Asset ID is made up of the LCS1 code as well as the LU Asset Instance number.

Learning Legacy Document

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

© Crossrail Limited RESTRICTED

6 Attributes

6.1 Generic Attributes

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

CRL1-XRL-Z3-ADDSD-CR001-50634 - AD4 – PFU – Generic Attributes

6.2 Class Specific Attributes

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

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
LU Asset Reference Number		CH			London Underground's unique reference number for the asset

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

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

© Crossrail Limited RESTRICTED

7 Labelling

Not Applicable

8 Other Information

Not Applicable

9 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- Asset Information Provision Procedure - CRL1-XRL-Z3-GPD-CR001-50004
- Crossrail Asset Information Fundamentals - CRL1-XRL-Z3-GPD-CR001-50007
- Asset Information Glossary - CRL1-XRL-Z3-GUI-CR001-50012
- Asset Information Management Plan - CRL1-XRL-Z3-STP-CR001-50002
-

Learning Legacy Document

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

© Crossrail Limited RESTRICTED