ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Structural Foundation System

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1 Introduction

Not Applicable

1.1 PFU Details

Class Code:	PFU086
Class Name:	Structural Foundation System
Class Type:	Linear/Functional

1.2 Description

A Structural Foundation System is defined by all the assets that make up and support a section of base slab within a Geographic Facility. This would typically be a base slab and all the piles that support and provide structural integrity to that particular slab. This includes the support to the track in or outside of a tunnel section below the actual track slab.

The Structural Foundation System Primary Functional Unit (PFU) groups the structural assets that make up one Structural Foundation System within a single Geographic Facility; each instance of the PFU contains only the structural assets that make up a single Structural Foundation System 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-2-12345

2.1 Example Images

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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
Not Applicable		

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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)

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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
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