ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) ABOVE GROUND GIRDERING\INTERNAL STRUCTURAL SYSTEM

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Learning Legacy Document

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1 Introduction

Not Applicable

1.1 FU Details

Parent PFU/LFU Code:	PFU018
Parent PFU/LFU Name:	Surface Building
Class Code:	FU112
Class Name:	Above Ground Girdering\Internal Structural System
Class Type:	Geographic

1.2 Description

The Above Ground Girdering\Internal Structural System Functional Unit (FU) is defined by all the assets that make up and support a section, usually each floor level of an above ground structure. Therefore, the ground floor and first floors, etc. will each be a separate Girdering. The assets would typically be a floor slab and all the walls, beams and columns that support and provide structural integrity to that particular floor level within a single Geographic Facility.

The term 'Girdering' is used by LU.

Each Girdering\Internal Structural System (level) will be a separate FU so many FU's may exist against each single Surface Building PFU

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:

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

E.g. FU-2-01234

2.1 Example Images

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3 Related PFUs/LFUs

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

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5 Attributes

5.1 Generic Attributes

All Classes of FU 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-CR001-50666 - AD4 – FU – Generic Attributes

5.2 Class Specific Attributes

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

Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Date of Installation		DA			Date at which the installation of the all the components was completed
Expected Life Expiry Date		DA			The expected / estimated date of the end of life of the asset for which it was designed for.
Height (Metres)	Metres	NU	2		The average height of the space measured between top of floor to underside of ceiling (structural rather than any suspended ceiling).
Length (Metres)	Metres	NU	2		The average length of the space measured between the longest points.
LU Asset Reference Number		CH			London Underground's unique reference number for the asset
Width (Metres)	Metres	NU	2		The average measurement (in Metres) of the space measured between the shortest points.

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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6 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).

7 Other Information

Not Applicable

8 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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