ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L21731 – DRAINAGE SCREEN

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50241**

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2.0	03-Jun-2014	[redacted]	[redacted]	[redacted]	Comments Removed Correction of Attribute Names Asset Tag Identification Section Updated
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5.0	31-Mar-2016	[redacted]	[redacted]	[redacted]	Class name and description change

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1 Introduction

1.1 Asset Details

Class Code:	L21731
Class Name:	Drainage Screen
Class Lineage:	Construction Products>Complete construction entities and components>Civil engineering works products>Public health and environmental engineering products>Sewage treatment products>Drainage Screen

1.2 Description

The function of a drainage screen is to filter foreign debris from drainage water before it enters the sump. Screens are grilles or meshes that trap buoyant debris, lifting it out of the flow so that it does not continue along the drainage system.

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)

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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

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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		Mesh Length
Width (Metres)	Metres	NU	2		Mesh Width
Thickness (Millimetres)	Millimetres	NU	0		Mesh Thickness
Mesh Shape		PD		Square Round	Mesh Shape
Hydrocarbon Detector Present		PD		Yes No	Is there a Hydrocarbon Detector?

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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4 Performance Data

This section is to be used to record 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

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8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Systemwide Mechanical & Electrical Lead Engineer	19-Sep-2014

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