ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
SHAFT

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Learning Legacy Document

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1 Introduction

Each class of Facility can belong to one of two Facility Types; Geographic or Linear/Functional.

The Geographic Facility Type is a Facility that is entirely located at a single location. The Geographical Facilities are easily identified and have distinct boundaries. They normally contain systems that are wholly operated and maintained within that facility.

The Linear/Functional Facility type is a Facility that contains systems/subsystems which are based a multiple locations (which should reside at Geographical Facilities). Linear Facilities contain complete systems that run the entire length of the maintainable route and could not easily be manage using Geographical Facilities.

1.1 Facility Details

Class Code:	FAC007
Class Name:	SHAFT
Facility Type:	GEOGRAPHIC

1.2 Description

A Shaft Facility is a vertical tunnel structure that connects the tunnelled sections of the railway to the surface; typically for Crossrail these shafts are used for intervention, access and ventilation.

Shafts are typically built with a number of retaining walls and other cast in situ concrete structures; in addition they will also incorporate drainage, lighting and other Mechanical, Electrical, Public Health and Architectural Assets.

Each instance of a Shaft Facility will be geographically demarcated by the Civil Retaining walls that surround it and the base slab; some shafts incorporate a single level access building above the shaft. Any Oversite Developments above the shaft would not be included as part of the Facility.

1.3 Related PFUs & FUs

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

2 Facility Identification Rules

Facilities will be identified in the following format:

FAC-<Incremental number to ensure uniqueness>

e.g. FAC-0001

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3 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031

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