

# ADAC Asset Data Dictionary

4<sup>th</sup> April 2022

V5.01.00



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#### ADAC\_Project

GROUP	Project	DESCRIPTION	Data structure constraining information for Project.				
ASSET ELEME	NT DESCRIPTION	FEATURE	DESCRIPTION	DETAIL	DESCRIPTION	DETAIL	DESCRIPTION
ADAC	The ADAC element is the root element of an ADAC XML. It constrains all enclosed elements as follows. There can be no	Project	The Project element encloses all data that is common to the whole project.	ExportDateTime	Export date and time in UTC. Format is yyyy-mm- ddThh:mm:ssZ (eg 2006-08-08T20:00:00Z) ISO 8601.		
	other element in the root level of the		In Version 4.1.0, for technical simplicity, only a single project	Name	The project or development name.		
	document.		may exist within an instance document, but in future it may be	Owner	Are assets for the whole project owned by Council or		
			feasible for multiple independent projects to be delivered in a		another entity.		
			single instance.	Receiver	The receiver of the ADAC file		
				WorksApprovalID	The works approval ID for the development that this		
			In version 4.2.0 while this limitation remains, certain fields at the	DrawingNumber	information represents. The Council drawing number of the as constructed		
			project level have been repeated at the asset level to allow assets to differ from the global values set in Project	Drawingrounder	plans. This may not be known at the time of compilation.		
				DrawingRevision	Date the drawing was revised. ISO 8601 is the accepted format.		
				ConstructionDate	The accepted date of construction for the whole project.		
				ConstructionDate	Usually the project completion date. ISO 8601 is the		
					accepted format.		
					Date may be used to calculate remaining life in an asset		
					management system.		
				CoordinateSystem	Records the particulars of the horizontal and vertical coordinate systems for the whole project.	HorizontalCoordinate System	Specifies the horizontal coordinate system used. e.g. MGA56. Well known projections may be referred to by name only. All spatial information in the project will be considered to be referenced to this system. If
							custom local plane systems or projections are used by agreement with the receiver, then any parameters should be specified in the notes.
						HorizontalDatum	should be specified in the notes. To Specify the Datum that the Horizontal Coordinate System is based on. E.g. GDA94.
						VerticalDatum	To Specify the Datum of Height values. E.g. AHD.
						IsApproximate	Are the values supplied accurate or approximations. If data is plane rectangular approximating MGA-56
							then set to true
						OriginMark	When data is plane rectangular this is the Permanent Survey Mark used as the origin.
				DrawingExtents	The rectangular coordinate envelope enclosing the	Notes SouthWest	To contain any additional data required to specify the coordinate system The coordinates of the southwest corner.
				DrawingExtents	project area	NorthEast	The coordinates of the northeast corner.
				Description	Descriptive text summarising the project.		
				ProjectStatus	The reason for the ADAC file creation. This is not the		
					same as Asset_status, which is at the asset level		
					Submission Status is usually related to the development		
					assesment process or to data transfer between entities or systems		
				Software	Details of the software product used to create the ADAC	Product Version	The name of the software product. The version or release number of the product.
				Surveyor	data set. Structure containing information from the certifying	SurveyorName	The version of the surveyor.
				our oyor	surveyor.	DateFinalSurvey	The date of the final survey. ISO 8601 is the accepted format.
						DateApproved	The date of the final approval. ISO 8601 is the accepted format.
				Engineer	Structure containing information from the certifying	EngineerName	The name of the consulting engineer
					engineer.	DateApproved	The date of approval. ISO 8601 is the accepted format.
				ProjectData		Sewerage Transport	The Sewerage element encloses all sewerage (waste water) feature descriptions. The Roads element encloses all roads feature descriptions.
						WaterSupply	The Roads element encloses all roads feature descriptions. The Water element encloses all water supply feature descriptions.
						StormWater	The StormWater element encloses all stormwater feature descriptions.
						OpenSpace	The OpenSpace element encloses all public open space feature descriptions.
						Cadastre	The Cadastre element encloses all cadastral feature descriptions.
						Surface	The Surface element encloses Supplementary surface feature descriptions.
						Enhancements	The Enhancements element encloses enhacements such as annotations and dimensions.
						Supplementary	The Supplementary element encloses all feature data not described specifically in the schema. It is
							recommended to keep the use of unstructured data to a bare minimum.

#### ADAC Transport

ASSET TYPE									
AGGETTIFE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION	DESCRIPTION
ent	Represents an area of road pavement.	Name	The gazetted, or proposed, road name.	0.1	String 254	10	$A \rightarrow b \rightarrow 0$		
		Surface	Data container for surface characteristics.	SurfaceType	The surface type of the road or street	AC FDA	Asphalt Full Depth Asphalt		
						2CBS	2 Coat Prime and Seal		
						1CBS	1 Coat Prime and Seal		
						DUST	Dust Seal		
						SMA	Stone Mastic Asphalt		
						SSSL	Slurry Seal		
						CPAV	Concrete Pavers		
						Concrete	Concrete, Stencilled/Aggregate		
						BPAV GRVL	Brick Pavers Gravel Road		
						PMB	Poly Modified Bitumen		
						Earth	Earth		
						GCELL	Grass Cell		
				SurfaceThickness mm	The surface thickness in millimetres		positiveInteger		
				SurfaceNomWidth_m	The nominal width of the surface of the road or street		Float_Positive_NonZero		
					as a decimal number in metres.				
		PavementStructure	Data container for pavement structure	PavementType	Pavement construction type	Flexible	Flexible pavement		
			characteristics.			Rigid	Rigid pavement		
				D	Describes the second base to be	Floodway	Pavement section hardened for flood passage.	0004	0
				BaseLayer	Describes the pavement base layer	LayerType	Construction type of the base layer. Must be Concrete if PavementType is Rigid, otherwise must not be	GR21 GR22	Gravel 2.1 CBR80 Gravel 2.2 CBR60-80
							Concrete	GR22 GR23	Gravel 2.2 CBR00-80 Gravel 2.3 CBR45-60
							Concrete	GR24	Gravel 2.4 CBR35-45
								GR25	Gravel 2.5 CBR15-35
								NGRL	Natural Gravel/Conglomerate
								Earth	Earth
								AC	Asphalt
								Concrete	Concrete
						LaverDepth mm	Base layer depth in millimetres		Float Positive NonZero
						Stabilisation	Base layer stabilisation method	Lime	Lime
									Foamed Bitumen
								Geogrid	Earth Reinforcing Mat
				SubBasel over	Departition the payoment with here laws	Leves Trees	Construction type of the auto have laws	Cement CP21	Cement
				SubBaseLayer	Describes the pavement sub-base layer	LayerType	Construction type of the sub-base layer.	GR21 GR22	Gravel 2.1 CBR80 Gravel 2.2 CBR60-80
								GR22 GR23	Gravel 2.2 CBR60-80 Gravel 2.3 CBR45-60
								GR24	Gravel 2.3 CBR45-60 Gravel 2.4 CBR35-45
								GR24 GR25	Gravel 2.4 CBR35-45 Gravel 2.5 CBR15-35
								NGRL	Natural Gravel/Conglomerate
								Earth	Earth
						LayerDepth mm	Sub-base layer depth in millimetres	Contri	Float Positive NonZero
						Stabilisation	Sub-base layer stabilisation method	Lime	Lime
								Foamed Bitumen	Foamed Bitumen
								Geogrid	Earth Reinforcing Mat
								Cement	Cement
				LowerSubBaseLayer	Describes the pavement lower sub-base layer	LayerType	Construction type of the lower sub-base layer.	GEOT	Geotextile
								Rock	Rock
								GTRK	Geotectile/Rock
								GR25	Gravel 2.5 CBR15-35
						LaverDepth mm	Lower sub-base layer depth in millimetres		Float Positive NonZero
						Stabilisation	Lower sub-base layer stabilisation method	Lime	Lime
									Foamed Bitumen
								Geogrid Cement	Earth Reinforcing Mat Cement
			Barrier and a star star star star		G Rating range 900 up to 1350			Cemeni	Cement
		PavementGeoTextile		Class A					
		PavementGeoTextile	Pavement geotextile type. Road Pavement Geotextile Types As per	Class A Class B	G Rating range 1350 up to 2000				
		PavementGeoTextile	Road Pavement Geotextile Types As per	Class B	G Rating range 1350 up to 2000				
		PavementGeoTextile	Road Pavement Geotextile type. Road Pavement Geotextile Types As per MRS11-27 Table 3.	Class B Class C	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000				
		PavementGeoTextile	Road Pavement Geotextile Types As per	Class B Class C Class D	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500				
			Road Pavement Geotextile Types As per	Class B Class C	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000		positiveInteger		
		PavementGeoTextile SubGrade	Road Pavement Geotextile Types As per MRS11-27 Table 3.	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500		positiveInteger		
			Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure	Class B Class C Class D Class E	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load	Lime	Lime		
			Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material.	Foamed Bitumen	Lime Foamed Bitumen		
			Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material.	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat		
		SubGrade	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics.	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material.	Foamed Bitumen	Lime Foamed Bitumen Earth Reinforcing Mat Cement		
			Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material.	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat		
	Dovesante an avas of publics museums	SubGrade Geometry	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space.	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat Cement		
J	Represents an area of parking pavement.	SubGrade Geometry Name	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area a mare	Class B Class C Class D Class E CBR	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat Cement		
	Represents an area of parking pavement.	SubGrade Geometry Name NoOfCarparks	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area name Number of individual vehicle spaces.	Class B Class C Class C Class D Class E CDR Stabilisation	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat Cement		
	Represents an area of parking pavement.	SubGrade Geometry Name	Road Pavement Geotextile Types As per MRS11-27 Table 3. Date container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area a name Number of individual vehicle spaces.	Class B Class C Class C Class D Class E CBR Stabilisation On Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positiveInteger On street parking	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat Cement		
	Represents an area of parking pavement.	SubGrade Geometry Name NoOfCarparks	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name Number of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 3000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method	Foamed Bitumen Geogrid	Lime Foamed Bitumen Earth Reinforcing Mat Cement		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3. Date container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area a name Number of individual vehicle spaces.	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cement AC FDA	Lime Foamed Bitumen Earth Reinforcing Mat Cernent geometry_area_multipatch_complex Asphalt Full Depth Asphalt		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cernent AC FDA 2CBS	Lime Foamed Bitumen Earth Reinforcing Mat Gement geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS	Lime Foamed Bitumen Earth Reinforcing Mat Cement geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coal Prime and Seal 1 Coal Prime and Seal		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cerrent AC FDA 2CBS 1CBS DUST	Lime Foamed Bitumen Earth Reinforcing Mat Gement geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA	Lime Foamed Bitumen Earth Reinforcing Mat Cerment geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Store Mastic Asphalt		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cernent AC FDA 2CBS 1CBS DUST SMA SSSL	Lime Foamed Bitumen Earth Reinforcing Mat Gement geornetry_area_multipatch_complex Asphalt Full Death Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Stone Mastic Asphalt		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA SSSL CPAV	Lime Foamed Bitumen Earth Reinforcing Mat Cernent geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Store Mastic Asphalt Sturry Seal Concrete Pavers		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cernent AC FDA 2CBS 1CBS DUST SMA SSSL CPAV CONC	Lime Foamed Bitumen Earth Reinforcing Mat Gement geornetry_area_multipatch_complex Asphalt Full Death Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Store Mastic Asphalt Concrete, Pavers Conc		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cernent AC FDA 2CBS 1CBS DUST SMA SSSL CPAV CONC BPAV	Lime Foamed Bitumen Earth Reinforcing Mat Cernent. geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Sturry Seal Concrete Pavers Concrete, Stencilled/Aggregate Brick Pavers		
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	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cernent AC FDA 7CBS 1CBS 1CBS 1CBS DUST SMA SSSL CPAV CONC BPAV GRVL PMB	Lime Foamed Bitumen Earth Reinforcing Mat Cerent. geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Storen Mastic Asphalt Storen Kastic Asphalt Storen Pavers Concrete Favers Concrete, Stencilled/Aggregate Brick Pavers Gravel Road Poly Modified Bitumen		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street On Street Off Street	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating A500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 positive/integer On street parking Off street parking	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA SSSL CPAV CONC BPAV CONC BPAV GRVL PMB Earth	Lime Foamed Bitumen Earth Reinforcing Mat Cernent geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Stone Mastic Asphalt Concrete, Pavers Concrete Pavers Concrete Pavers Gonrete Pavers Gravel Road Paby Modified Bitumen Earth		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class D Class E CBR Stabilisation On Street Off Street SurfaceType	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 DostitiveInteger On street parking Off street parking The surface type of the parking area	Foamed Bitumen Geogrid Cernent AC FDA 7CBS 1CBS 1CBS 1CBS DUST SMA SSSL CPAV CONC BPAV GRVL PMB	Lime Foarned Bitumen Earth Reinforcing Mat Cernent geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Store Mastic Asphalt Store Pavers Concrete Favers Concrete Favers Concrete Favers Concrete Favers Concrete Favers Gravet Road Poly Modified Bitumen Earth Grass Cell		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class C Class D Class E CBR Stabilisation On Street Off Street SurfaceType SurfaceThickness mm	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method Stiring 254 DostiveInteget On street parking Off street parking The surface type of the parking area	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA SSSL CPAV CONC BPAV CONC BPAV GRVL PMB Earth	Lime Foamed Bitumen Earth Reinforcing Mat Cement geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coal Prime and Seal 1 Coal Prime and Seal Dust Seal Stone Mastic Asphalt Sturry Seal Concrete, Stencilled/Aggregate Brick Pavers Co		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3.         Data container for subgrade structure characteristics.         Polygon geometry delineating the pavement area in coordinate space.         Parking area name.         Vumber of individual vehicle spaces.         Value indicating whether the parking is an uninterupted part of the road pavement, or	Class B Class C Class D Class E CBR Stabilisation On Street Off Street SurfaceType	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 DostitiveInteger On street parking Off street parking The surface type of the parking area The surface thickness in millimetres The area of the parking surface as a decimal number	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA SSSL CPAV CONC BPAV CONC BPAV GRVL PMB Earth	Lime Foarned Bitumen Earth Reinforcing Mat Cernent geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Store Mastic Asphalt Store Pavers Concrete Favers Concrete Favers Concrete Favers Concrete Favers Concrete Favers Gravet Road Poly Modified Bitumen Earth Grass Cell		
	Represents an area of parking pavement.	SubGrade Geometry NoOfCarparks OnOffStreet Surface	Road Pavement Geotextile Types As per MRS11-27 Table 3. Date container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area name Number of individual vehicle spaces. Value indicating whether the parking is an uninterupted part of the road pavement, or Data container for surface characteristics.	Class B Class C Class C Class D Class E CBR Stabilisation On Street Off Street Off Street SurfaceType SurfaceThickness mm SurfaceArea_sqm	G Raing range 1350 up to 2000 G Raing range 2000 up to 3000 G Raing range 2000 up to 4500 G Raing 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method Stiring 254 positive/insect On street parking Off street parking Off street parking Off street parking The surface type of the parking area The surface thickness in millimetres The area of the parking surface as a decimal number In square metres.	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA SSSL CPAV CONC BPAV CONC BPAV CONC BPAV CONC BPAV CONC	Lime Foamed Bitumen Earth Reinforcing Mat Cement geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coal Prime and Seal 1 Coal Prime and Seal Dust Seal Stone Mastic Asphalt Sturry Seal Concrete, Stencilled/Aggregate Brick Pavers Co		
	Represents an area of parking pavement.	SubGrade Geometry Name NoO'Carparks OnO/fStreet	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area name Number of individual vehicle spaces. Value indicating whether the parking is an uninterupted part of the road pavement, or Data container for surface characteristics.	Class B Class C Class C Class D Class E CBR Stabilisation On Street Off Street SurfaceType SurfaceThickness mm	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 DostitiveInteger On street parking Off street parking The surface type of the parking area The surface thickness in millimetres The area of the parking surface as a decimal number	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS DUST SMA 2SSL CPAV CONC BPAV CONC BPAV CONC BPAV GRVL PMB Earth GCELL Flexible	Lime Foared Bitumen Earth Reinforcing Mat Cernent geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Store Mastic Asphalt Store Pavers Concrete Favers Concrete, Stencilled/Agregate Brick Pavers Gravet Road Poly Modified Bitumen Earth Grass Cell positive_IhonZero Flexible pavement		
	Represents an area of parking pavement.	SubGrade Geometry NoOfCarparks OnOffStreet Surface	Road Pavement Geotextile Types As per MRS11-27 Table 3. Date container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area name Number of individual vehicle spaces. Value indicating whether the parking is an uninterupted part of the road pavement, or Data container for surface characteristics.	Class B Class C Class C Class D Class E CBR Stabilisation On Street Off Street Off Street SurfaceType SurfaceThickness mm SurfaceArea_sqm	G Raing range 1350 up to 2000 G Raing range 2000 up to 3000 G Raing range 2000 up to 4500 G Raing 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method Stiring 254 positive/insect On street parking Off street parking Off street parking Off street parking The surface type of the parking area The surface thickness in millimetres The area of the parking surface as a decimal number In square metres.	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS 1CBS DUST SMA 2SSL CPAV CONC PAV CONC CPA CRA CC CPA CONC CPA CRA CC CPA CONC CPA CONC CPAV CONC CONC CPAV CONC CONC CONC CONC CONC CONC CONC CON	Lime Foamed Bitumen Earth Reinforcing Mat Cement geometry_area_multipatch_complex  Asphalt Full Depth Asphalt 2 Coal Prime and Seal 1 Coal Prime and Seal Dust Seal Stone Mastic Asphalt Stury Seal Concrete Pavers Concrete P		
	Represents an area of parking pavement.	SubGrade Geometry NoOfCarparks OnOffStreet Surface	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area name Number of individual vehicle spaces. Value indicating whether the parking is an uninterupted part of the road pavement, or Data container for surface characteristics.	Class B Class C Class C Class D Class E CBR Stabilisation On Street Off Street Off Street SurfaceTrickness mm SurfaceTrickness	G Rating range 1350 up to 2000 G Rating range 2000 up to 3000 G Rating range 2000 up to 4500 G Rating 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method String 254 postiveInteger On street parking Off street parking The surface type of the parking area The surface thickness in millimetres The area of the parking surface as a decimal number in square metres. Pavement construction type	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS 1CBS 1CBS 1CBS 2CBS 1CBS 2CBS 1CBS 2CBS 2CBS 2CBS 2CBS 2CBS 2CBS 2CBS 2	Lime Foamed Bitumen Earth Reinforcing Mat Cement geometry_area_multipatch_complex Asphalt Full Depth Asphalt 2 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal 1 Coat Prime and Seal Dust Seal Stone Mastic Asphalt Sturry Seal Concrete Revers Concrete Revers Concrete Revers Gravet Road Poly Modified Bitumen Earth Graves Cell positiveInteger Float_Positive_NonZero Flexible pavement Rigid pavement Rigid pavement Pavement Seal Concrete for flood passage		
	Represents an area of parking pavement.	SubGrade Geometry NoOfCarparks OnOffStreet Surface	Road Pavement Geotextile Types As per MRS11-27 Table 3. Data container for subgrade structure characteristics. Polygon geometry delineating the pavement area in coordinate space. Parking area name Number of individual vehicle spaces. Value indicating whether the parking is an uninterupted part of the road pavement, or Data container for surface characteristics.	Class B Class C Class C Class D Class E CBR Stabilisation On Street Off Street Off Street SurfaceType SurfaceThickness mm SurfaceArea_sqm	G Raing range 1350 up to 2000 G Raing range 2000 up to 3000 G Raing range 2000 up to 4500 G Raing 4500 California Bearing Ratio. An expression of the load bearing and shear properties of the material. Subgrade stabilisation method Stiring 254 positive/insect On street parking Off street parking Off street parking Off street parking The surface type of the parking area The surface thickness in millimetres The area of the parking surface as a decimal number In square metres.	Foamed Bitumen Geogrid Cement AC FDA 2CBS 1CBS 1CBS DUST SMA 2SSL CPAV CONC PAV CONC CPA CRA CC CPA CONC CPA CRA CC CPA CONC CPA CONC CPAV CONC CONC CPAV CONC CONC CONC CONC CONC CONC CONC CON	Lime Foamed Bitumen Earth Reinforcing Mat Cement geometry_area_multipatch_complex  Asphalt Full Depth Asphalt 2 Coal Prime and Seal 1 Coal Prime and Seal Dust Seal Stone Mastic Asphalt Stury Seal Concrete Pavers Concrete P	GR21 GR22	Gravel 2.1 CBR80 Gravel 2.2 CBR60-80

	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION	DESCRIPTION
ASSET TYPE	DEGORIFTION	LITOMERATION (DETAIL	DECOMPTION	ENGINEERATION (DETAIL	DEGORIFTION	ENGINEIRATION DETAIL	BEGGAFTION	GR24	Gravel 2.4 CBR35-45
								GR25	Gravel 2.4 CBR35-45 Gravel 2.5 CBR15-35
								NGRL	Natural Gravel/Conglomerate
								ERTH	Earth Asphalt
								AC Concrete	Aspnait Concrete
						LaverDepth mm	Base layer depth in millimetres		Float Positive NonZero
						Stabilisation	Base layer stabilisation method	Lime	Lime
								Foamed Bitumen Geogrid	Foamed Bitumen Earth Reinforcing Mat
								Cement	Cement
				SubBaseLayer	Describes the pavement sub-base layer	LayerType	Construction type of the sub-base layer.	GR21	Gravel 2.1 CBR80
								GR22 GR23	Gravel 2.2 CBR60-80 Gravel 2.3 CBR45-60
								GR23 GR24	Gravel 2.4 CBR35-45
								GR25	Gravel 2.5 CBR15-35
								NGRL ERTH	Natural Gravel/Conglomerate Earth
						LayerDepth mm	Sub-base layer depth in millimetres		Float Positive NonZero
						Stabilisation	Sub-base layer stabilisation method	Lime	Lime
								Geogrid	Foamed Bitumen Earth Reinforcing Mat
								Cement	Cement
					Describe the second description of the second	· · · · · · ·	Construction type of the lower sub-base layer.	GEOT	Default Value
				LowerSubBaseLayer	Describes the pavement lower sub-base layer	LayerType	Construction type of the lower sub-base layer.	Rock	Geotextile Rock
								GTRK	Geotectile/Rock
						LeverDenth a	Lower sub base lover depth in millimeters	GR25	Gravel 2.5 CBR15-35
						LayerDepth mm Stabilisation	Lower sub-base layer depth in millimetres Lower sub-base layer stabilisation method	Lime	Float Positive NonZero Lime
								Foamed Bitumen	Foamed Bitumen
								Geogrid	Earth Reinforcing Mat
		PavementGeoTextile	Pavement geotextile type.	Class A	G Rating range 900 up to 1350			Cement	Cement
				Class B	G Rating range 1350 up to 2000				
				Class C	G Rating range 2000 up to 3000				
				Class D Class E	G Rating range 3000 up to 4500 G Rating 4500				
		SubGrade	Data container for subgrade structure	CBR	California Bearing Ratio. An expression of the load		positiveInteger		
			characteristics.	Stabilisation	bearing and shear properties of the material.	1 ince			
				Stabilisation	Subgrade stabilisation method	Lime Foamed Bitumen	Lime Foamed Bitumen		
						Geogrid	Earth Reinforcing Mat		
		Coomotor	Polygon geometry deligenting the		accompting area multipatab annatar	Cement	Cement		
		Geometry	Polygon geometry delineating the pavement area in coordinate space.		geometry_area_multipatch_complex				
RoadEdge	Represents an edge feature of a pavement area.	Туре	Road edge configuration	Barrier Kerb	Barrier Kerb				
				Barrier Kerb and Channel Semi-Mountable Kerb	Barrier Kerb and Channel Semi-Mountable Kerb				
				Semi-Mountable Kerb and Channel	Semi-Mountable Kerb and Channel				
				Mountable Kerb	Mountable Kerb				
				Mountable Kerb and Channel Edge Restraint	Mountable Kerb and Channel Edge Restraint				
				Channel	Channel				
				Separation Kerb	Separation Kerb				
		Material	Material of Road Edge.	Concrete Reinforced Concrete	Concrete Reinforced Concrete				
				Asphalt	Asphalt				
				Other	Other				
		Width mm Length m	Width in millimetres of the Edge feature. Length in metres of edge material.		positiveInteger Float Positive NonZero				
		PavementExtension_mm	The pavement extension, in millimetres,		positiveInteger				
			behind the back of kerb.						
		Geometry	Polyline geometry describing the feature in coordinate space.		geometry_linear_multipath_complex				
RoadIsland	Represents an area of road island , local traffic	Туре	Type of Road Island	Splitter	Splitter Island				
	calming, or median structure. Where the structure			Pedestrian Refuge	Pedestrian Refuge				
	incorporates water sensitive urban design (WSUD) features, those features should be independently			Center Median Roundabout	Center Median Roundabout				
	captured.			Road Hump	Road Hump - speed management measure				
				Chicane LATM	Chicane - often constricting passage to a single lane				
		Area sqm	The area, in square metres, of the infill.	LATIW	Local Area Traffic Management feature Float Positive NonZero				
		InfillType	Type of Road Island Infill	AC	Asphalt				
				Concrete	Concrete				
				Grass Gravel	Grass Gravel				
				Landscape	Landscape				
				Pavers	Pavers Synthetic Grass				
				Synthetic Grass Rubber	Synthetic Grass Rubber				
				Other Material	Other Material				
		Geometry	Polygon geometry describing the feature in coordinate space.		geometry_area_multipatch_complex				
Pathway	Represents an on-ground footpath or cycleway	Use	Intended traffic use of the structure.	Shared	Shared Pedestrian and Cycleway				
	feature. Do not use to describe on-road cycleway.			CycleWay	Bicycles only				
				Pedestrian Horse Trail	Pedestrians only Defined use horse trail				
				Mountain Bike	Defined use mountain bike trail				
		_	-	Fire Trail	Fire Trail				
		Structure	Type of pathway structure. A fixed value of	In Ground (hardcoded)	String_32				
			In Ground is required for this sub type						
		SurfaceMaterial	Surface material of the structure.	Concrete	Concrete				
				CPAV BPAV	Concrete Pavers Brick Pavers				
				Bitumen	Bitument				
				Gravel	Gravel				

#### ADAC Transport

ASSET TYPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION	DESCRIPTION
AUGELTITIE				Earth	Earth				
				Steel	Steel				
				Stone Timber	Stone Timber				
		10/:	Nominal width of the pathway in metres.	Sand	Sand				
		Width m Depth_mm	The nominal depth of the pathway in metres.	,	Float Positive NonZero positiveInteger				
			in millimetres.						
		Geometry	Polyline geometry describing the feature in coordinate space.		geometry_linear_singlepath_complex				
oadPathway	Represents a linear section of on-road cycleway.	Use	Intended traffic use of the structure.	Shared	Shared Pedestrian and Cycleway				
			A fixed value of CycleWay is applied to this sub type.	CycleWay (hardcoded) Pedestrian	Bicycles only Pedestrians only				
				Horse Trail	Defined use horse trail				
				Mountain Bike Fire Trail	Defined use mountain bike trail Fire Trail				
		Structure	Type of pathway structure. A fixed value o	f On Road (hardcoded)	String_32				
		SurfaceMaterial	On Road is required for this sub type Surface material of the structure.	Road Pavement (hardcoded)	String_32				
			A fixed value of Road Pavement is applied	, ,	<u> </u>				
		Width_m	to this sub type. Nominal width of the marked pathway in		Float_Positive_NonZero				
			metres.						
		Geometry	Polyline geometry describing the feature in coordinate space.		geometry_linear_singlepath_complex				
athStructure	Represents a structure functioning as a linear	Use	Intended traffic use of the structure.	Shared	Shared Pedestrian and Cycleway				
	section of footpath or cycleway. Do not use to describe on-road cycleway.			CycleWay Pedestrian	Bicycles only Pedestrians only				
	accounte on four cyclewdy.			Horse Trail	Defined use horse trail				
				Mountain Bike Fire Trail	Defined use mountain bike trail Fire Trail				
		Structure	Type of pathway structure.	Boardwalk	Boardwalk				
				Causeway Foot Bridge	Causeway Foot Bridge				
				Stairs	Stairs				
				Ramp	Ramp				
		SurfaceMaterial	Surface material of the structure.	Underpass Concrete	Underpass Concrete				
				CPAV BPAV	Concrete Pavers				
				BPAV Bitumen	Brick Pavers Bitumen				
				Gravel	Gravel				
				Earth Steel	Earth Steel				
				Stone	Stone				
				Timber Sand	Timber Sand				
		SubStructureMaterial	Material of the sub structure.	Concrete	Concrete				
				Steel Stone	Steel Stone				
				Brick	Brick				
		Width m	Nominal width of the pathway in metres.	Timber	Timber				
		Geometry	Polyline geometry describing the feature in	1	Float Positive NonZero geometry_linear_singlepath_complex				
oadSafetyBarrier	Represents a barrier dedicated to transport	-	coordinate space.						
Gausaretybarrier				Energy-absorbing Bollard	Energy-absorbing Bollard				
	features.	Туре	The type of road safety barrier employed.	Energy-absorbing Terminal	Energy-absorbing Bollard Energy-absorbing Terminal				
		Туре	The type of road safety barrier employed.	Energy-absorbing Terminal Flexible	Energy-absorbing Terminal Wire Rope				
		Туре	The type of road safety barrier employed.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier				
		Туре	The type of road safety barrier employed.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-rigid Combination				
		Туре	The type of road safety barrier employed.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-ringi Combination Concrete barrier or similar wath very little deflection Combination of concrete or similar barrier and W or				
		Туре	The type of road safety barrier employed.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam				
		Type LeadingEndTreatment	The type of road safety barrier employed. The type of Leading End treatment.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid/Semi-rigid Combination Semi-rigid Breakmaster	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Combination Rigid/Semi-rigid Combination Semi-rigid Breakmaster E72000 Plus	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Rigid/Semi-rigid Combination Rigid/Semi-rigid Combination Semi-rigid Breakmaster E72000 Pu/s Extension 350 FLEAT	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus Extension 350 FLEAT				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Rigid/Semi-rigid Combination Sigid/Semi-rigid Semi-rigid Breakmaster ET2000 Plus Extension 350 FLEAT MELT	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus Extension 350 FLEAT MELT				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Breakmaster E72000 Puls Extension 350 FLEAT MELT NEAT	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-tridic Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thire beam W beam or Thrie beam Breakmaster Er12000 Plus Extension 350 FLEAT MELT MELT				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Breakmaster E72000 Pus Extension 350 FLEAT MELT NEAT Omnistop QuadGuard	Energy-absorbing Terminal Wire Roge Combination of wire rope and concrete or similar barrier Flexible/Semi-trigit Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster Er12000 Plus Extension 350 FLEAT MELT MELT MEAT Omniston QuadGuard				
				Energry-absorbing Terminal Flexible/Rigid Combination Flexible/Rigid Combination Rigid Combination Rigid/Semi-rigid Combination Semi-rigid Breakmaster E72000 Plus Extension 350 FLEAT MELT NEAT Omnistop	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Erzono Plus Erzono Plus Extension 350 FLEAT NEAT NEAT Omnistop QuardGuard Line				
				Energy-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Combination Rigid Combination Semi-rigid Breakmaster E72000 Plus Extension 350 FLEAT NEAT Ormistop QuardGuard Elte QuardGuard Elte QuardGuard So0	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus EXtension 350 FLEAT MELT NEAT Omnistop QuadGuard QuardGuard Sto				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Breakmaster Er2000 Plus Extension 350 FLEAT MELT NEAT Omnistop QuardQuard Elte QuardQuard Vide QuardGuard Vide QuardTrend 350 React 350	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-trigit Combination Concrete barrier or similar with very little deflection Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus Extension 350 FLEAT MELT MELT MEAT Omniston Quard/Guard Litte Quard/Guard Wide QuardTrend 350 React 350				
				Energry-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Eratension 350 FLEAT MELT NEAT Omnistop QuardGuard Elte QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard So0 Rubber Crash Cushion SkT	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-triqit Combination Concrete barrier or similar with very little deflection Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster Er2000 Plus Extension 350 FLEAT MELT NEAT Omniston QuardGuard Elle QuardGuard Wide QuardTrend 350 Reber Crash Cushion SKT				
				Energy-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Combination Rigid Combination Semi-rigid Combination Breakmaster E72000 Puls Extension 350 FLEAT MELT NEAT Omnistop QuardQuard Eilte QuardQuard Eilte QuardQuard Eilte QuardQuard S50 React 350 React 350 React 350	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Combination of concrete or similar waith very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Ereakmaster E72000 Plus Extension 350 FLEAT MELT MELT MEAT Omnistop QuadGuard QuardGuard Elite QuardGuard Sto React 350 Reaber Crash Cushion SKT				
		LeadingEndTreatment	The type of Leading End treatment.	Energry-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Combination Rigid Semi-rigid Combination Semi-rigid Breakmaster E12000 Puls Extension 350 FLEAT MELT Omnistop QuardGuard Elite QuardGuard Elite QuardGuard S50 React 350 Rubber Crash Cushion SKT ALU II Thrie-Beam bull nose TRACC	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Combination of concrete or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Ereakmaster Er2000 Plus Extension 350 FLEAT MELT MELT MELT Omnistop Quard/Guard Hite Quard/Guard Hite Quard/Guard Hite Quard/Guard Hite Quard/Guard Hite Quard/Guard JS0 Reaci 350 Reber Crash Cushion SKT TAU II Thrie-Beam bull nose TFRACC				
				Energy-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Errakmaster Erzono Plus Extension 350 FLEAT MELT NEAT Omnistop QuardGuard Elite QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Mite Crash Cushion SKIT TAU II Thie-Beam bull nose TRACC Breakmaster	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-triqid Combination Concrete barrier or similar with very little deflection Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster Er2000 Plus Extension 350 FLEAT MELT NEAT Omniston QuardGuard Elle QuardGuard Wide QuardTrend 350 Rubber Crash Cushion SKT TAU II Thrie-Beam bull nose TRACC				
		LeadingEndTreatment	The type of Leading End treatment.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Breakmaster ET2000 Plus EtEAT MELT NEAT Omnistop QuardQuard Etite QuardQuard Etite QuardQuard Vide QuardQuard Vide QuardQuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Mide React 350 Rubber Crash Cushion SKIT TAU II Thrie-Beam bull nose TRACC Breakmaster DOT	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Brekimster Brekimster Extension 330 FLET MELT MELT MELT MELT MELT MELT MELT Omnistop QuardGuard Eille QuardGuard Wide QuardTrend 350 Rubber Crash Cushion SKRT TAU II Thrie-Beam bull nose TRACC Breakmaster DOT				
		LeadingEndTreatment	The type of Leading End treatment.	Energry-absorbing Terminal Flexible Flexible/Rigid Combination Rigid Combination Rigid Semi-rigid Combination Semi-rigid Breakmaster Er2000 Pus Extension 350 FLEAT MELT Omnistop QuardQuard Eite QuardQuard Eite QuardQuard Heite QuardGuard Heite QuardGuard Heite QuardGuard Heite QuardGuard Heite QuardGuard Heite QuardGuard Bite QuardGuard Mide QuardGuard Bite QuardGuard Mide QuardGuard Bite QuardGuard Bite QuardG	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-tricit Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster Er2000 Plus Extension 350 FLEAT MELT MELT MELT MELT Omniston QuardGuard Elle QuardGuard QuardGuard QuardGuard QuardGuard QuardGuard District QuardGuard Thrie Beam SKT TAU II Thrie-Beam bull nose TFRACC DOT Er2000 Plus Extension 350				
		LeadingEndTreatment	The type of Leading End treatment.	Energry-absorbing Terminal Flexible/Rigid Combination Flexible/Semi-rigid Combination Semi-rigid Rigid Rigid/Semi-rigid Combination Semi-rigid Eraton Eraton Flexible Combined Extension 350 FLEAT MELT Omnistop QuardGuard Elite QuardGuard Elite QuardGuard Mide QuardGuard Mide QuardGuard Mide QuardGuard Mide QuardGuard Bite QuardGuard Mide QuardGuard Bite QuardGuard Bite QuardGuard Bite QuardGuard Bite QuardGuard Bite QuardGuard Bite QuardGuard Bite QuardGuard Bite QuardGuard Mide QuardGuard	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-tricit Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus Extension 350 FLEAT MELT MELT MELT Omniston QuardGuard Elle QuardGuard Hele QuardGuard Wide QuardTrend 350 Rubber Crash Cushion SKT TAU II Thrie-Beam bull nose TFRACC DOT ET2000 Plus Extension 350 FLEAT				
		LeadingEndTreatment	The type of Leading End treatment.	Energy-absorbing Terminal Flexible Flexible/Rigid Combination Flexible/Rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Breakmaster ET2000 Plus Extension 350 FLEAT MELT Ormistop QuardGuard Elite QuardGuard Vide QuardGuard Vide Carsh Cosh Cushon SKT TAU II TAU II Breakmaster DOT ET2000 Plus Extension 350 FLEAT MELT Ormistop	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Fiexible/Semi-riqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Brektmaster Graduat State Extension 350 FEAT MELT Omnistop Quard/Quard Eille Quard/Quard Cille Quard/Quard Wide QuardTrend 350 Rubber Crash Cushion SKIT TAU II Thrie-Beam bull nose TRACC DT Freakmaster DOT ET2000 Plus Extension 350 FLEAT				
		LeadingEndTreatment	The type of Leading End treatment.	Energy-absorbing Terminal Flexible/Rigid Combination Flexible/Rigid Combination Rigid Combination Semi-rigid Combination Semi-rigid Breakmaster ET2000 Plus Extension 350 FLEAT MELT Omnistop QuardGuard Elite QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Vide Carsh Cushion SKIT TAU II Thrie-Beam bull nose TRACC Breakmaster DOT ET2000 Plus Extension 350 FLEAT MELT Omnistop QuardGuard Elite	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Fiexible/Semi-triqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Brektmaster GuardSum State Extension 350 FEAT MELT MELT MELT MELT Marter State QuardGuard Elle QuardGuard Cille QuardGuard Wide QuardTrend 350 Rubber Crash Cushion SKRT TAU II Thrie-Beam bull nose TRACC Ereakmaster DOT Ereakmaster DOT ELEAT MELT MELT MELT MELT MELT MELT MELT Ministop QuardGuard Elle QuardGuard Guard QuardGuard Ministop QuardGuard Elle OT				
		LeadingEndTreatment	The type of Leading End treatment.	Energry-absorbing Terminal Flexible/Rigid Combination Flexible/Semi-rigid Combination Semi-rigid Rigid Rigid/Semi-rigid Combination Semi-rigid Eraton Eraton Flexible/Semi-rigid Combination Semi-rigid Breakmaster Eraton FLEAT MELT NEAT Omniston QuardGuard Elite QuardGuard Hite QuardGuard Vide QuardGuard Vide QuardGuard Flite QuardGuard TAU II Thrie-Beam bull nose TRACC Ereakmaster DOT Erz000 Plus Extension 350 FLEAT MELT Omniston QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Elite QuardGuard Hite	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-tripic Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Erekmaster Er2000 Plus Extension 350 FLEAT MELT MEAT Omniston QuardGuard Elite QuardGuard Hite QuardGuard Wide QuardTrend 350 Rubber Crash Cushion SKT TAU II Thrie-Beam bull nose TRACC DOT Er2000 Plus Extension 350 FLEAT MELT DOT Er2000 Plus Extension 350 FLEAT MELT Omniston QuardGuard Elite QuardGuard Hite QuardGuard Mide QuardGuard Mide QuardGuard Mide QuardGuard Mide QuardGuard Mide QuardGuard Mide QuardGuard Mide				
		LeadingEndTreatment	The type of Leading End treatment.	Energy-absorbing Terminal Flexible/Rigid Combination Flexible/Semi-rigid Combination Semi-rigid Rigid Rigid/Semi-rigid Combination Semi-rigid Erza00 Pus Extension 350 FLEAT MELT NEAT Omniston QuardQuard Elite QuardQuard Elite QuardQuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Flite QuardGuard Flite QuardGuard Flite QuardGuard Flite Combines TAU II TAU II Comiston QuardQuard Elite QuardGuard CuardQuard Elite QuardQuard Vide QuardQuard II Comiston QuardQuard Vide QuardQuard Vide	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-tripic Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Ereakmaster Er2000 Plus Extension 350 FLEAT MELT MEAT Omniston QuardGuard Elite QuardGuard He QuardGuard Wide QuardTrend 350 Ribber Crash Cushion SKT TAU II Thrie-Beam bull nose TRACC DOT Er2000 Plus Extension 350 FLEAT MELT Omniston QuardGuard Elite QuardGuard Elite QuardGuard Mide UC DOT Er2000 Plus Extension 350 FLEAT MELT Omniston QuardGuard Elite QuardGuard Elite QuardGuard Mide QuardGuard Mide QuardGuard Wide QuardGuard Wide QuardTrend 350 React 350				
		LeadingEndTreatment	The type of Leading End treatment.	Energy-absorbing Terminal Flexible/Rigid Combination Flexible/Semi-rigid Combination Rigid Rigid/Semi-rigid Combination Semi-rigid Breakmaster ET2000 Plus Extension 350 FLEAT Omnistop QuardGuard Elite QuardGuard Vicie QuardGuard Vicie QuardGuard Vicie QuardGuard Vicie Rubber Crash Cushion SKT TAU II TAU II Breakmaster DOT ET2000 Plus Extension 350 FLEAT MELT Omnistop QuardGuard Elite QuardGuard So0 Rebet Crash Cushion	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Fiexible/Semi-triqid Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Breakmaster ET2000 Plus Extension 350 FLEAT MELT Omnistop Quard/Guard Elite Quard/Guard Elite Quard/Guard Kite Quard/Trend 350 Rubber Crash Cushion SKIT TAU II Thrie-Beam bull nose TRACC ET2000 Plus Extension 350 FLEAT MELT Omnistop Quard/Guard Elite Quard/Guard Elite Quard/Combine Erackmaster DOT FLEAT MELT Omnistop Quard/Guard Mide Quard/Guard Elite Quard/Guard Elite Quard/Guard Elite Quard/Guard Elite Quard/Guard Elite Quard/Guard Sto Rubber Crash Cushion SKF				
		LeadingEndTreatment	The type of Leading End treatment.	Energy-absorbing Terminal Flexible/Rigid Combination Flexible/Semi-rigid Combination Semi-rigid Rigid Rigid/Semi-rigid Combination Semi-rigid Erza00 Pus Extension 350 FLEAT MELT NEAT Omniston QuardQuard Elite QuardQuard Elite QuardQuard Vide QuardGuard Vide QuardGuard Vide QuardGuard Flite QuardGuard Flite QuardGuard Flite QuardGuard Flite Combines TAU II TAU II Comiston QuardQuard Elite QuardGuard CuardQuard Elite QuardQuard Vide QuardQuard II Comiston QuardQuard Vide QuardQuard Vide	Energy-absorbing Terminal Wire Rope Combination of wire rope and concrete or similar barrier Flexible/Semi-tripic Combination Concrete barrier or similar with very little deflection Combination of concrete or similar barrier and W or Thrie beam W beam or Thrie beam Ereakmaster Er2000 Plus Extension 350 FLEAT MELT MEAT Omniston QuardGuard Elite QuardGuard He QuardGuard Wide QuardTrend 350 Ribber Crash Cushion SKT TAU II Thrie-Beam bull nose TRACC DOT Er2000 Plus Extension 350 FLEAT MELT Omniston QuardGuard Elite QuardGuard Elite QuardGuard Mide UC DOT Er2000 Plus Extension 350 FLEAT MELT Omniston QuardGuard Elite QuardGuard Elite QuardGuard Mide QuardGuard Mide QuardGuard Wide QuardGuard Wide QuardTrend 350 React 350				

	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION		DESCRIPTION	ENUMERATION	DESCRIPTION
ASSET TYPE	DESCRIPTION	ENOMERATION (DETAIL	DESCRIPTION	TRACC	TRACC	ENOMERATION (DETAIL	DESCRIPTION	ENUMERATION	DESCRIPTION
		StandardHeight	Is barrier height standard?		boolean				
		Height m	Nominal height of the barrier in metres.		Float Positive NonZero				
		Length_m	Nominal length of the barrier in metres including terminals.		Float_Positive_NonZero				
		MotorcyclistProtectionType	The type of motorcyclist protection rail.	Rub Rail	Rub Rail				
				Hiasa Rail None	Hiasa Rail None				
		PedestrianProtectionSheeting	as pedestrian protection sheeting been	None	boolean				
			installed?						
		BridgeTransition StandardPostSpacing	Is this a bridge transition? Is the post spacing standard?		boolean boolean				
		PostSpacing m	Spacing of posts in metres.		Float Positive NonZero				
		PostType	The type of post installed with road safety barrier.	Steel Timber	Steel Timber				
		RailType	The type of rail installed with road safety	Steel	Steel				
			barrier.	Timber	Timber				
		HorizontalAlignment	Horizontal alignment of road safety barrier.	Straight Convex	Straight Convex				
				Concave	Concave				
		NumberOfBollards	Number of bollards. Polyline geometry describing the feature in		positiveInteger geometry_linear_multipath_complex				
		Geometry	coordinate space.		geometry_inear_mutipatr_complex				
PramRamp	Represents a pram ramp or disabled entry-point to	Rotation	Rotation angle (cartesian - anti-clockwise		Float_Direction				
	a road edge as a point object	Geometry	0 degrees = East) The geometry representing this feature in		geometry_point_singlepoint				
		Geometry	coordinate space.		geometry_point_anglepoint				
	Represents a pram ramp or disabled entry-point to	Rotation	Rotation angle (cartesian - anti-clockwise		Float_Direction				
	a road edge as a polygon object	Geometry	0 degrees = East) The geometry representing this feature in		geometry_area_singlepatch_complex				
			coordinate space.						
SubSoilDrain	Represents a road sub-soil drain. Formerly called RoadSubsoilDrain in ADAC Version 3.0.1	Use	The use (orientation) of the drain.	Side Drain Mitre Drain	Parallel to the kerb				
	Noussubsolibrain in ADAC Version 3.0.1	Туре	The type (configuration) of the drain.	Perforated Pipe	Cross road drain Perforated Pipe with textile sleeve				
				Strip Filter	Strip Filter Drain				
		Length m Geometry	The length in metres of the drain. Polyline geometry representing the		Float Positive NonZero geometry_linear_singlepath_simple				
			centreline of the sub-soil drain in		gagopoolallipio				
	Demonstration of the state of t	<b>-</b>	coordinate space.						
FlushPoint	Represents a sub-soil drain flush point.	Function	The function of the flushing out point	Cleanout	A cleanout flushpoint inlet generally protected by a sunken valve box. May have a removable cap on the				
					pipe mouth.				
				Surface Outlet	A subsoil drain outlet point discharging to the surface, rather than into a gully pit or manhole etc.				
		Geometry	Point geometry representing the flush		geometry_point_singlepoint				
			point of the sub-soil drain in coordinate		5 74 2 5 1				
BridgeExtent	Describes the envelope or footprint for the whole	BridgelD	space. Unique identifier, used to associate		String_64				
hidgeExtent	structure and all of its parts. It holds properties	BildgelD	components of the same bridge assembly.		oung_ov				
	that apply at the assembly level.								
		Name	Road name or nearest road where bridge resides, or the recognised name of the		String_254				
			bridge.						
		Use	Predominant use of bridge.	Cycleway	Cycleway				
				Fauna Pedestrian	Fauna Pedestrians and/or bicycle.				
				Rail	Rail				
				Road Shared	Road Shared				
				Stock	Stock				
		Туре	Type of bridge construction.	Arch Beam	Arch Beam				
				Box Girder	Box Girder				
				Cable-Stayed	Cable-Stayed				
				Cantilever Deck Unit	Cantilever Deck Unit				
				Moveable	Moveable				
				Open Girder	Open Girder Slab				
				Slab Suspension	Slab Suspension				
				Tressle	Tressle				
		CrossingType	The layout and configuration of this	Truss Fresh Water	Truss Fresh Water				
		o.cooling i ypc	structure.	Land	Land				
				Rail	Rail				
				Road Salt Water	Road Salt Water				
		Spans	Number of spans.		positiveInteger				
		MinimumClearance m PredominantMaterial	Minimum clearance in metres. Predominant Material of bridge.	Aluminium	float Aluminium				
		i rodonninantiviatenan	r recommant material of bridge.	Aluminium Fibre Composite	Fibre Composite				
				Prestressed Cast-Insitu Concrete	Prestressed Cast-Insitu Concrete				
					Prestressed Precast Concrete				
				Prestressed Precast Concrete Reinforced Concrete	Reinforced Concrete				
				Reinforced Concrete Steel	Reinforced Concrete Steel				
		Designload	Decise load of bridge as and 405100	Reinforced Concrete	Steel Timber				
		DesignLoad Geometry	Design load of bridge as per AS5100. The geometry representing this feature in	Reinforced Concrete Steel	Steel Timber String 64				
		Geometry	The geometry representing this feature in coordinate space.	Reinforced Concrete Steel	Steel Timber String 64 geometry_area_singlepatch_complex				
ridgeDeck	Represents a single deck unit between abutments	DesignLoad Geometry BridgeID	The geometry representing this feature in coordinate space. Unique identifier, used to associate	Reinforced Concrete Steel	Steel Timber String 64				
-	or supports. There may be one or more	Geometry	The geometry representing this feature in coordinate space. Unique identifier, used to associate components of the same bridge assembly.	Reinforced Concrete Steel	Steel Timber String 64 geometry_area_singlepatch_complex				
		Geometry	The geometry representing this feature in coordinate space. Unique identifier, used to associate	Reinforced Concrete Steel Timber Fibre Composite	Steel Timber String 64 geometry_area_singlepatch_complex String_64 Fibre Composite				
	or supports. There may be one or more	Geometry BridgeID	The geometry representing this feature in coordinate space. Unique identifier, used to associate components of the same bridge assembly.	Reinforced Concrete Siteel Timber Fibre Composite Prestressed Cast-Insitu Concrete	Steel Timber Sting 64 geometry_area_singlepatch_complex String_64 Fibre Composite Prestressed Cast-Insitu Concrete				
	or supports. There may be one or more	Geometry BridgeID	The geometry representing this feature in coordinate space. Unique identifier, used to associate components of the same bridge assembly.	Reinforced Concrete Steel Timber Fibre Composite	Steel Timber String 64 geometry_area_singlepatch_complex String_64 Fibre Composite				

ADAC Transport

ASSET TYPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION	DESCRIPTION
				Timber	Timber				
		NomWidth m	Nominal Width of deck in metres.		Float Positive NonZero				
		DeckLength_m	Length of Bridge deck between joints at		Float_Positive_NonZero				
			abutments in metres.						
		Geometry	The geometry representing this feature in		geometry_area_multipatch_complex				
			coordinate space.						
ContainmentClass	Containment Class of Parapet/Railing as per	BridgeID	Unique identifier, used to associate		String_64				
	AS5100.		components of the same bridge assembly.						
		ContainmentClass		Low	Low				
			per AS5100.	Regular	Regular				
				Medium	Medium				
				Special	Special				
BridgeSuperstructure	Represents superstructure of bridge.	BridgelD	Unique identifier, used to associate		String_64				
		° .	components of the same bridge assembly.		-				
		Material	Material types for the Superstructure.	Fibre Composite	Fibre Composite				
				Prestressed Cast-Insitu Concrete	Prestressed Cast-Insitu Concrete				
				Prestressed Precast Concrete	Prestressed Precast Concrete				
				Reinforced Concrete	Reinforced Concrete				
				Steel	Steel				
				Timber	Timber				
		Geometry	The geometry representing this feature in		geometry_area_multipatch_complex				
		· ·	coordinate space.						
BridgeAbutment	Represents the extent of one abutment for a bridge	BridgelD	Unique identifier, used to associate		String_64				
	assembly. A BridgeAbutment will be independently	Ť	components of the same bridge assembly.		-				
	described at each end of the structure.								
		Material	The predominant material of the abutment.	Compressed Aggregate	Compressed Aggregate				
				Masonry	Masonry				
				Prestressed Precast Concrete	Prestressed Precast Concrete				
				Reinforced Concrete	Reinforced Concrete				
				Steel	Steel				
				Timber	Timber				
		Geometry	The geometry representing this feature in coordinate space.		geometry_area_multipatch_complex				
BridgePier	Represents a single supporting structure that	BridgeID	Unique identifier, used to associate		String 64				
Dinagorioi	supports deck spans between abutments.	Bridgoib	components of the same bridge assembly.		oung_or				
	supports deck spans between abathents.		componente el trie came sinage accombiy:						
		Material	Predominant Pier material type.	Composite	Composite				
				Masonry	Masonry				
				Prestressed Precast Concrete	Prestressed Precast Concrete				
				Reinforced Concrete	Reinforced Concrete				
				Steel	Steel				
				Stone	Stone				
				Timber	Timber				
		Geometry	The geometry representing this feature in		geometry_area_multipatch_complex				
			coordinate space.						

DESCRIPTION Data structure constraining information for Stormwater features.

ASSET GROUP Stormwater

	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTIO
ASSET TYPE Pit	Represents a stormwater maintenance	PitNumber	The pit identifier.		String 32	ENOMERATION (DETAIL	DESCRIPTION	ENOWERATION (DETAIL	DESCRIPTION	ENOMERATION (DETAIL	DESCRIPTIC
	hole or pit feature.	Use	Purpose of the feature in the network.	Maintenance Hole Pit	Maintenance or access point Pit only - no access						
				Kerb Inlet	Kerb Inlet						
				Field Inlet Roofwater Inspection Chamber	Field Inlet Roofwater Inspection Chamber						
				Roofwater Outlet	Roofwater outlet to swale						
		ChamberConstruction	Method of chamber construction.	Prefabricated	Prefabricated						
		ChamberSize	Represents the essential dimensions of the	Rectangular	Built or poured in-situ Dimensions of a rectangular chamber.	Length mm	Length in millimetres		positiveInteger		
			chamber. Contains a choice of structures that			Width mm	Width in millimetres		positiveInteger		
			pertain to different configurations.	Circular	Dimensions of a circular chamber.	Diameter_mm	Diameter in millimetres		positiveInteger		
				Extended	Drainage Manhole Circular Internal Diameter. Dimensions of a circular chamber.	Radius mm	Radius, in millimetres, of the circular ends		positiveInteger		
						Extension_mm	Distance, in millimetres, between the centre points		positiveInteger		
		LidType	The type of lid or grate covering the opening.	Circ Cast Iron	Circular Cast Iron Lid		of the circular ends				
			···· , , , ,	Circ Conc Infill	Circular Concrete Infill Lid						
				Sqr Cast Iron Sqr Conc Infill	Square Cast Iron Lid Square Concrete Infill Lid						
				Rect Cast Iron	Rectangular Cast Iron						
				Rect Conc Infill	Rectangular Concrete Infill Lid						
				CI Frame Conc Infill Precast Cover Slabs	Cast Iron Frame Concrete Infill Long Rectangular Concrete Cover Slabs (usually 2 per pit)						
		SurfaceLevel_m	Surface level of this feature (in metres against		float						
		InvertLevel_m	the vertical datum). Invert level of this feature (in metres against the		float						
		InvertLevei_m	vertical datum).		noat						
		Depth_m	The depth of the structure in metres. May be		Float_Positive_NonZero						
			user-entered, or auto-calculated as the difference between the surface level and the								
			invert level of the pit.								
		Inlet	Represents a surface inlet to the pit. Set to nil if	InletConfig	Positioning of the inlet against the pit.	Left	Left hand side				
			this pit does not have a surface inlet			Centre Right	Centre Right hand side				
				InletType	The type of inlet employed.	Galv Grate Cast Iron Grate	Galvanised Steel Grate				
							Cast Iron Grate				
						Hydroflow Grate Cast Iron Bike/Ped Safe Grate	Hydroflow Grate Cast Iron Bicycle and Pedestrian Safe Grate				
						Field Inlet Dome Top Grade	Galvanised, raised dome top grade for a field inlet				
						Field Inlet Surcharge Grate Field Inlet Flush Grate	Field Inlet Surcharge Grate Field Inlet Flush Grate				
						KIL Gully	Kerb Inline Gully Pit				
						KIL Gully LIL Gully Anti-Ponding Gully	Lip Inline Gully Pit				
						Anti-Ponding Gully Bro-Pit Kerb Inlet	Anti-Ponding Gully Bro-Pit Kerb Inlet				
						Drainway Kerb Inlet	Drainway Kerb Inlet				
						OTHER - Field Inlet	Council Specific Field Inlet				
						OTHER - KIL Gully OTHER - LIL Gully	Council Specific Kerb Inline Gully Pit Council Specific Lip Inline Gully Pit				
						OTHER - Side Entry Pit	Council Specific Side Entry Pit				
						OTHER - Trench Grate	Council Specific Trench Grate				
				InletSize	Dimensions of the inlet e.a. Diameter or Lenath x Width.	Null Node	Null asset only applicable when Use != Pit. String 32				
		Lintel	Represents the pit lintel. Set to nil if this pit does	LintelConstruction	Method of lintel construction.	Prefabricated	Prefabricated				
			not have a lintel.	LintelLength_m	Represents the length in metres of the lintel.	Insitu	Built or poured in-situ Float_Positive_NonZero				
				5 -	.,						
		OutletType	The type of outlet for this pit.	Drv	Dry						
			The type of outlet for this pit.	Surcharge	Surcharge						
		FireRetardant	True of false value indicating whether fire		boolean						
		Rotation	retardant measures are incorporated. Rotation angle (cartesian - anti-clockwise 0		Float_Direction						
			degrees = East)		-						
		Geometry	Point geometry representing the manhole or pit feature in coordinate space.		geometry_point_singlepoint						
ndStructure	Represents a stormwater endstructure	e StructureID	The identifier for this end structure. Usually the		String_32						
	feature as a Point object		textual identifier it would be labelled with on the								
			face of a plan.								
		StructureLevel m	The surface level of the structure in metres		float						
		StructureLevel_m	The surface level of the structure in metres against the vertical datum for the project.		float						
		StructureLevel_m EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to	Туре	float The type of stormwater end wall structure	Pipe Endwall	Pipe Endwall Pov Endwall				
			The surface level of the structure in metres against the vertical datum for the project.	Туре		Box Endwall Multi Cell Pipe Endwall	Box Endwall Multi Cell Pipe Endwall				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Туре		Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Туре		Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Multi Cell Pipe and Box Endwall	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe and Box Endwall Multi Cell Pipe and Box Endwall				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Type Size	The type of stormwater end wall structure Define the number of cells and sizes penetraling the End Structure	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 2/1200x900 or 2900x600+1/600.	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Multi Cell Pipe and Box Endwall	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Multi Cell Pipe and Box Endwall Sloging Pipe Endwall String_32				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size Length m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le: 3750 or 2/1200:500 or 2/900:600-11600. Represents the length in metres of the end wall.	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Multi Cell Pipe and Box Endwall	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Multi Cell Pipe and Box Endwall Sloping -Pipe Endwall String, 32 Finda, Positive Zero	-			
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size Length m Height m Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le: 3750 or 21200x900 or 2900x600-11600. Represents the length in metres of the end wall. Represents the height in metres of the end wall.	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Multi Cell Pipe and Box Endwall Sloping Pipe Endwall	Box Endvall Multi Cell Pipe Endvall Multi Cell Pipe Endvall Multi Cell Pipe and Box Endvall Stoping Pipe Endvall String 32 Float Positive Zero Float Positive Zero Float Positive Zero				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size Length m Height m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 21200x900 or 2900x600+1/600. Represents the length in metres of the end wall.	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Sloping Pipe Endwall Concrete	Box Endwall Multi Cell iPos Endwall Multi Cell iPos Endwall Multi Cell iPos end Box Endwall Stoping 52 Float Positive Zero Float Positive Zero Float Positive Zero Concrete				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size Length m Height m Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le: 3750 or 21200x900 or 2900x600-11600. Represents the length in metres of the end wall. Represents the height in metres of the end wall.	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Multi Cell Pipe and Box Endwall Sloping Pipe Endwall Concrete Reinforced Concrete Grouted Rock	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Sibpina Pipe Endwall Stopina Pipe Endwall String 32 Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size Length m Height m Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le: 3750 or 21200x900 or 2900x600-11600. Represents the length in metres of the end wall. Represents the height in metres of the end wall.	Box Endwall Multi Cell Pipe Endwall Multi Cell Box Endwall Multi Cell Pipe and Box Endwall Sloping Pipe Endwall Concrete Reinforced Concrete	Box Endvall Multi Cell Pipo Endvall Multi Cell Pipo Endvall Multi Cell Pipo end Box Endvall Stoping Pipe Endvall String 32 Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetment Mattress				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end	Size Lenght m Height m Thickness m Material	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le: 3750 or 21200x900 or 2900x600-11600. Represents the length in metres of the end wall. Represents the height in metres of the end wall.	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Sloping Pipe Endwall Concrete Reinforced Concrete Grouted Rock Revenent Mattress N/A	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Silogina Pipe Endwall Stogina Pipe Endwall Sting 32 Float Positive Zero Float Positive Zero Cancrete Reinforced Concrete Grouted Rock Revetment Mattress Not Applicable - To be used if not present				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure les 3750 or 271200x900 or 27000x900 regood. Represents the length in metres of the end wall. Represents the height in metres of the and wall. The predominant construction material of the end wall. The method of construction of the end wall structure.	Box Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Stoping Pice Endwall Concrete Reinforced Concrete Grouted Rock Revetment Mattress N/A Prefabricated Instu	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Stopina Pipe Endwall Stopina Pipe Endwall Stopina Positive Zero Float Positive Zero Cancrete Reinforced Concrete Grouted Rock Revetment Mattress Not Applicable - To be used if not present Prefabricated Bult or acoured in-Stu				
			The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to nil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 2/1200x900 or 2900x600+1/600. Represents the length in metres of the end wall. Represents the height in metres of the end wall. The predominant council on material of the end wall structure. The method of construction of the end wall structure. Represents the length in metres of the left wing wall.	Box Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Stoping Pice Endwall Concrete Reinforced Concrete Grouted Rock Revetment Mattress N/A Prefabricated Instu	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Multi Cell Pos end Box Endwall Stoping Pipe Endwall Stoping Pipe Endwall Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouter Rock Revetment Mattess Ind Applicabe – To be used if not present Bull or ooured In-situ Float Positive Zero				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m LWW Height m LWW Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 2/1200x500 or 22900x500-1/600. Represents the length in metres of the end wall. Represents the height in metres of the end wall. The predominant construction material of the end wall. The predominant construction of the end wall structure. Represents the length in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall.	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Siogina Pipe Endwall Siogina Pipe Endwall Concrete Concrete Reinforced Concrete Grouted Rock Revenment Mattress Mattreas Hindbricated Instiu	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Stoping Pipe Endwall Stoping Pipe Endwall Storing 52 Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetiment Mattress Not Applicable - To be used if not present Not Applicable - To be used if not present Float Positive Zero Float Positive Zero Float Positive Zero Float Positive Zero				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Tinckness m Material Construction LWW Length m LWW Length m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le 3750 or 271200;900 or 27000;900 or 2000;900 or 3000;900 or 300	Box Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Multi Cell Pice and Box Endwall Sloping Pipe Endwall Concrete Reinforcod Concrete Reinforcod Concrete Concrete	Box Endwall Multi Cell Pios Endwall Multi Cell Pios Endwall Sioping Pipe Endwall Sioping Pipe Endwall Sioping 22 Float Positive Zero Float Positive Zero Float Positive Zero Concrete Renitoced Concrete Renitoced Renitoced Renitoced Renitoced Re				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m LWW Height m LWW Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 2/1200x500 or 22900x500-1/600. Represents the length in metres of the end wall. Represents the height in metres of the end wall. The predominant construction material of the end wall. The predominant construction of the end wall structure. Represents the length in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall.	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Stoping Pipe Endwall Stoping Pipe Endwall Concrete Reinforced Concrete Grouted Rock Revetment Mattress N/A Prefabricated Instu Concrete Reinforced Concrete	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Storing 52 Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetment Mattress Not Applicable - To be used if not present Prefabricated Bull or abourd Institu Float Positive Zero Float Positive Zero Concrete Reinforced Concrete				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m LWW Height m LWW Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 2/1200x500 or 22900x500-1/600. Represents the length in metres of the end wall. Represents the height in metres of the end wall. The predominant construction material of the end wall. The predominant construction of the end wall structure. Represents the length in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall.	Box Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Multi Cell Pice and Box Endwall Sloping Pipe Endwall Concrete Reinforcod Concrete Reinforcod Concrete Concrete	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Stopina Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetment Mattress Not Applicable - To be used if not present Prefabricated Built or noured m-stu Float Positive Zero Float				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m LWW Height m LWW Thickness m LWW Material	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le. 3750 or 21200;900 or 2900x600-1600. Represents the length in metres of the end wall. Represents the length in metres of the end wall. The predominant construction material of the end wall structure. The method of construction of the end wall structure. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. The predominant construction material of the left wing wall.	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Sloping Pipe Endwall Concrete Reinforcod Concrete Grouted Rock Reinforced Concrete Mathematicated Institu Concrete Concrete Reinforced Concrete Grouted Rock Reinforced Concrete Grouted Rock Reinforced Concrete Grouted Rock Revenent Mattress N/A	Box Endwall Multi Cell Pios Endwall Multi Cell Pios Endwall Stoping Pipe Endwall Stoping Pipe Endwall Stoping Pipe Endwall Float Positive Zero Float Positive Zero Float Positive Zero Concrete Revinificaet Concrete Revinificaet Concrete Revinificaet Concrete Revinificaet Concrete Revinificaet Concrete Revinificaet Concrete Revinificaet Zero Float Positive Zero Float Positive Zero Concrete Revinificaet Concrete Revinificaet Concrete Revin				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m LWW Height m LWW Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure is 3750 or 2/1200x500 or 22900x500-1/600. Represents the length in metres of the end wall. Represents the height in metres of the end wall. The predominant construction material of the end wall. The predominant construction of the end wall structure. Represents the length in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall. Represents the heights in metres of the left wing wall.	Box Endwall Multi Cell Poe Endwall Multi Cell Box Endwall Multi Cell Box Endwall Sloping Pipe Endwall Concrete Reinforcod Concrete Grouted Rock Reinforced Concrete Institu Concrete Concrete Concrete Concrete Concrete Concrete Concrete Grouted Rock	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Sibing 2018 A Endwall Sibing 32 Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Granted Rock Revetment Mattress Not Applicable - To be used if not present Prefabricated Bill or cource In-situ Float Positive Zero Float Positive Zero Float Positive Zero Concrete Revetment Mattress Not Applicable Tock Revetment Mattress Not Applicable - To be used if not present Prefabricated Bill or cource In-situ Float Positive Zero Float Positive Zero Float Positive Zero Positive Tock Revetment Mattress Not Applicable - To be used if not present Prefabricated				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Thickness m Material Construction LWW Length m LWW Thickness m LWW Thickness m LWW Material LWW Construction RWWW Length m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure ls_3750 or 27200x600 or 2900x600 or 1000. Barresents the height in metres of the end wall Represents the Thickness in metres of the end wall The predominant construction material of the end wall Represents the length in metres of the left wing wall. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. The predominant construction material of the left wing wall. The method of construction of the left wing wall. Represents the length in metres of the left wing wall. Represents the length in metres of the left wing wall.	Box Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Multi Cell Pice Endwall Siopina Pipe Endwall Concrete Concre	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Stopina Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Float Positiva Zero Float Positiva Zero Float Positiva Zero Concrete Reinforced Concrete Granted Rock Revetment Mattress Not Applicable - To be used if not present Prefabricated Bull or coured In-Stu Float Positiva Zero Float Positiva Zero Positiva Tock Revetment Mattress Not Applicable - To be used if not present Prefabricated Bull or opured in-Stu				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Langth m Height m Thickness m Material Construction LWW Length m LWW_Melaht m LWW_Material LWW_Construction RWW Length m RWW Height m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure (= 3/750 or 2/1200/s000 or 2/900/s000-1/800 Represents the length in metres of the end wall Represents the height in metres of the end wall Represents the height in metres of the end wall The predominant construction material of the end wall Represents the length in metres of the left wing wall Represents the length in metres of the left wing wall Represents the heights in metres of the left wing wall Represents the heights in metres of the left wing wall Represents the heights in metres of the left wing wall The predominant construction material of the left wing wall The method of construction of the left wing wall The method of construction of the left wing wall Represents the height in metres of the left wing wall Represents the height in metres of the left wing wall.	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Signina Pipe Endwall Signina Pipe Endwall Concrete Concrete Concrete Grouted Rock Reventment Mattress Verlabricated Instiu Concrete Reinforced Concrete Grouted Rock Reventment Mattress Network Mattress Reventment Mattress Network Mattres	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Multi Cell Pos end Box Endwall Stoping Pipe Endwall Stoping Pipe Endwall Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetiment Mattress Hout Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetiment Mattress Not Applicable - To be used if not present South Concrete Grouted Rock Revetiment Mattress Bott Positive Zero Float Positive Zero Float Positive Zero Buil or poured In-Stu				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Trickness m Material Construction LWW Length m LWW Height m LWW Material LWW Material LWW Construction RWW Length m RWW Height m RWW Length m RWW Length m RWW Height m RWW Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le. 3/750 or 2/1200/600 or 2/900/600 rives. Boyresents the length in metres of the end wall. Represents the Thickness in metres of the end wall. The predominant construction material of the end wall. The method of construction of the end wall structure. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. The predominant construction material of the left wing wall. The predominant construction material of the left wing wall. Represents the height in metres of the left wing wall. The predominant construction of the left wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the heights in metres of the right wing wall. Represents the heights in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Stoping Pipe Endwall Concrete Reinforcad Concrete Grouted Rock Revetment Mattress N/A Prefabricated Insitu Concrete Reinforced Concrete Grouted Rock Revetment Mattress Prefabricated Insitu	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetment Mattress Not Applicable - To be used if not present Prebaricated Bull or poured Institu Float Positive Zero Float Positive Zero Float Positive Zero Revetment Mattress Not Applicable - To be used if not present Prebaricated Bull or poured Institu Float Positive Zero Positive Zero Prebaricated Bull or poured Institu Prebaricated Positive Zero Prebaricated Bull or poured Institu Prebaricated Bull or poured				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Langth m Height m Thickness m Material Construction LWW Length m LWW_Melaht m LWW_Material LWW_Construction RWW Length m RWW Height m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure (= 3/750 or 2/1200/s000 or 2/900/s000-1/800 Represents the length in metres of the end wall Represents the height in metres of the end wall Represents the height in metres of the end wall The predominant construction material of the end wall Represents the length in metres of the left wing wall Represents the length in metres of the left wing wall Represents the heights in metres of the left wing wall Represents the heights in metres of the left wing wall Represents the heights in metres of the left wing wall The predominant construction material of the left wing wall The method of construction of the left wing wall The method of construction of the left wing wall Represents the height in metres of the left wing wall Represents the height in metres of the left wing wall.	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Sloping Pipe Endwall Sloping Pipe Endwall Concrete Reinforced Concrete Grouted Rock Revetment Mattress N/A Prefabricated Insitu Concrete Reinforced Concrete Grouted Rock Revetment Mattress N/A Concrete Reinforced Concrete Revetment Mattress N/A	Box Endwall Multi Cell Pos Endwall Multi Cell Pos Endwall Silpuina Pipe Endwall Silpuina Pipe Endwall Silpuina Pipe Endwall Float Positive Zero Float Positive Zero Float Positive Zero Carutef Rock Revetment Mattress Not Applicable - To be used if not present Prefabricated Built or source In-Stu Float Positive Zero Float Positive Zero Float Positive Zero Float Positive Zero Float Positive Zero Float Positive Zero Concrete Revetment Mattress Not Applicable - To be used if not present Not Applicable - To be used if not present Ploat Positive Zero Float Positive Z				
		EndWall	The surface level of the structure in metres against the vertical datum for the project. Data structure representing the end wall. Set to mil if this End Structure does not have an end wall.	Size Length m Height m Trickness m Material Construction LWW Length m LWW Height m LWW Material LWW Material LWW Construction RWW Length m RWW Height m RWW Length m RWW Length m RWW Height m RWW Thickness m	The type of stormwater end wall structure Define the number of cells and sizes penetrating the End Structure le. 3/750 or 2/1200/600 or 2/900/600 rives. Boyresents the length in metres of the end wall. Represents the Thickness in metres of the end wall. The predominant construction material of the end wall. The method of construction of the end wall structure. Represents the height in metres of the left wing wall. Represents the height in metres of the left wing wall. The predominant construction material of the left wing wall. The predominant construction material of the left wing wall. Represents the height in metres of the left wing wall. The predominant construction of the left wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the heights in metres of the right wing wall. Represents the heights in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall. Represents the height in metres of the right wing wall	Box Endwall Multi Cell Poe Endwall Multi Cell Poe Endwall Siogina Pipe Endwall Siogina Pipe Endwall Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Reventment Mattress N/A Prefabricated Instu	Box Endwall Multi Cell Pipe Endwall Multi Cell Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Stopina Pipe Endwall Float Positive Zero Float Positive Zero Float Positive Zero Concrete Reinforced Concrete Grouted Rock Revetment Mattress Not Applicable - To be used if not present Prebaricated Bull or poured Institu Float Positive Zero Float Positive Zero Float Positive Zero Revetment Mattress Not Applicable - To be used if not present Prebaricated Bull or poured Institu Float Positive Zero Positive Zero Prebaricated Bull or poured Institu Prebaricated Positive Zero Prebaricated Bull or poured Institu Prebaricated Bull or poured				

ASSET TYPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
ASSETTTPE	DESCRIPTION	ENUMERATION (DETAIL	DESCRIPTION	RWW_Construction	The method of construction of the right wing wall.	Prefabricated	Prefabricated	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION (DETAIL	DESCRIPTION
						Insitu	Built or poured in-situ				
		Apron	Data structure representing the apron.	Apron Width m Apron_Thicknes_m	Represents the width in metres of apron on the End Structure. Represents the thickness in metres of apron on the End Structure.		Float Positive Zero Float_Positive_Zero				
				Apron_Area_m2	Represents the area in square metres of apron on the End Structure.		Float_Positive_Zero				
				Apron_Material	The predominant construction material of apron on the End	Grassed	Grassed banks				
					Structure.	Concrete Stone Pitched	Concrete Stone Pitched				
						Placed Rock	Placed Rock				
						Grouted Rock Revetment Mattress	Grouted Rock Revelment Mattress				
						Revelment Mattress Rock Filled Wire Basket	Reverment Mattress Rock Filled Wire Basket				
						Geotextile	Geotextile				
						Concrete Energy Dissepiment N/A	Concrete Energy Dissepiment Not Applicable – To be used if not present				
				Apron_Construction	The method of construction of apron on the End Structure.	Prefabricated	Prefabricated				
		GrateType	Type of grate used, if applicable.	Baffled	Baffled	Insitu	Built or poured in-situ				
		Graiderype	rype or grate used, ir applicable.	Grated Stilling Basin	Grated Siltina basin						
				None	No grate fitted						
		TideGate	Type of tide or flood gate used, if applicable.	Fibreglass Proprietary Fabricated	Fibrealass proprietarv Fabricated						
				Controlled	Controlled						
				Rubber None	Rubber No tidegate fitted						
		Geometry	Point geometry representing the EndStructure in		geometry_point_singlepoint						
EndStructurePolyline	Represents a stormwater endstructure		coordinate space. The identifier for this end structure. Usually the		String_32						
noor ucturer orynne	feature as a Polyline object		textual identifier it would be labelled with on the								
		StructureLevel_m	face of a plan. The surface level of the structure in metres		float						
			against the vertical datum for the project.								
		EndWall	Data structure representing the end wall. Set to nil if this End Structure does not have an end	Туре	The type of stormwater end wall structure	Pipe Endwall Box Endwall	Pipe Endwall Box Endwall				
			nii if this End Structure does not have an end wall.			Multi Cell Pipe Endwall	Multi Cell Pipe Endwall				
						Multi Cell Box Endwall	Multi Cell Box Endwall				
						Sloping Pipe Endwall	Multi Cell Pipe and Box Endwall Sloping Pipe Endwall				
				Size	Define the number of cells and sizes penetrating the End Structure		String_32				
				Length m	ie. 3/750 or 2/1200x900 or 2/900x600+1/600. Represents the length in metres of the end wall.		Float Positive Zero				
				Height m	Represents the height in metres of the end wall.		Float Positive Zero				
				Thickness m Material	Represents the Thickness in metres of the end wall. The predominant construction material of the end wall structure.	Concrete	Float Positive Zero Concrete				
					.,	Reinforced Concrete	Reinforced Concrete				
						Grouted Rock Revetment Mattress	Grouted Rock Revetment Mattress				
						N/A	Not Applicable – To be used if not present				
				Construction	The method of construction of the end wall structure.	Prefabricated Insitu	Prefabricated Built or poured in-situ				
		WingWall	Data structure representing the wing wall. Set	LWW Length m	Represents the length in metres of the left wing wall.	-	Float Positive Zero				
			to nil if this End Structure does not have any wing walls.	LWW Height m LWW Thickness m	Represents the height in metres of the left wing wall. Represents the thickness in metres of the left wing wall.		Float Positive Zero Float Positive Zero				
			wing waits.	LWW_Material	The predominant construction material of the left wing wall.	Concrete	Concrete				
						Reinforced Concrete Grouted Rock	Reinforced Concrete Grouted Rock				
						Revetment Mattress	Revetment Mattress				
				LIMIN Construction		N/A Prefabricated	Not Applicable - To be used if not present				
				LWW_Construction	The method of construction of the left wing wall.	Insitu	Prefabricated Built or poured in-situ				
				RWW Length m	Represents the length in metres of the right wing wall.		Float Positive Zero				
				RWW Height m RWW Thickness m	Represents the height in metres of the right wing wall. Represents the thickness in metres of the right wing wall.		Float Positive Zero Float Positive Zero				
				RWW_Material	The predominant construction material of the right wing wall.	Concrete	Concrete				
						Reinforced Concrete Grouted Rock	Reinforced Concrete Grouted Rock				
						Revetment Mattress	Revetment Mattress				
				RWW_Construction	The method of construction of the right wing wall.	N/A Prefabricated	Not Applicable – To be used if not present Prefabricated				
						Insitu	Built or poured in-situ				
		Apron	Data structure representing the apron.	Apron Width m Apron_Thicknes_m	Represents the width in metres of apron on the End Structure. Represents the thickness in metres of apron on the End Structure.		Float Positive Zero Float_Positive_Zero				
				Apron_Area_m2	Represents the anexistence in the solution of the End Structure.		Float_Positive_Zero				
				Apron_Material	Structure. The predominant construction material of apron on the End	Grassed	Grassed banks				
					Structure.	Concrete	Concrete				
						Stone Pitched Placed Rock	Stone Pitched Placed Rock				
						Grouted Rock	Grouted Rock				
						Revetment Mattress Rock Filled Wire Basket	Revetment Mattress Rock Filled Wire Basket				
						Geotextile	Rock Filled Wire Basket Geotextile				
						Concrete Energy Dissepiment	Concrete Energy Dissepiment				
				Apron_Construction	The method of construction of apron on the End Structure.	N/A Prefabricated	Not Applicable – To be used if not present Prefabricated				
		Contra Trans				Insitu	Built or poured in-situ				
		GrateType	Type of grate used, if applicable.	Baffled Grated	Baffled Grated						
				Stilling Basin	Silting basin						
		TideGate	Type of tide or flood gate used, if applicable.	None Fibreglass Proprietary	No grate fitted Fibrealass proprietary						
				Fabricated	Fabricated						
				Controlled Rubber	Controlled Rubber						
				None	No tidegate fitted						
		Geometry	Point geometry representing the EndStructure in coordinate space	None	No tidecate fitted geometry_linear_singlepath_simple						
Fitting	Represents a point fitting in a	Geometry FittingType	Point geometry representing the EndStructure in coordinate space. The type of stormwater fitting.	None End Cap	geometry_linear_singlepath_simple A stormwater end cap						
itting	Represents a point fitting in a stormwater system.		coordinate space.	None End Cap Tide Gate	geometry_linear_singlepath_simple A stormwater end cao Tide Gate						
itting	Represents a point fitting in a stormwater system.	FittingType	coordinate space. The type of stormwater fitting.	None End Cap	geometry_linear_singlepath_simple A stomwater end cao Tride Gate Froo Flao Duckhill Valve						
itting	Represents a point fitting in a stormwater system.		coordinate space. The type of stormwater fitting. Rotation angle (cartesian - anti-clockwise 0	None End Cap Tide Gate Frog Flap	geometry_linear_singlepath_simple A stormwater end cap Tide Gate Froa Flap						
<sup>:</sup> itting	Represents a point fitting in a stormwater system.	FittingType	coordinate space. The type of stormwater fitting. Rotation angle (cartesian - anti-clockwise 0 degrees = East) Point geometry representing the fitting in	None End Cap Tide Gate Frog Flap	geometry_linear_singlepath_simple A stomwater end cao Tride Gate Froo Flao Duckhill Valve						
	Represents a point fitting in a stormwater system. Represents a stormwater pipe feature.	FittingType Rotation	coordinate space. The type of stormwater fitting. Rotation angle (cartesian - anti-clockwise 0 degrees = East)	None End Cap Tide Gate Frog Flap	geometry_linear_singlepath_simple A stormwater end cao Tide Gate Froo Flao Duckbill Valve Float_Direction						

ASSET TYPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
	-	DS_InvertLevel_m	Invert level of this pipe end (in metres against		float						
		US_SurfaceLevel_m	the vertical datum). Surface level (in metres against the vertical		float						
			datum) vertically above this pipe end.								
		DS_SurfaceLevel_m	Surface level (in metres against the vertical datum) vertically above this pipe end.		float						
		PipeStructure	Container for a choice of pipe cross-sectional	CircPipe	Data structure describing stormwater pipe with a circular cross	Diameter mm	The internal diameter of the pipe in millimetres.		positiveInteger		
			measures.		section	Material	The pipe wall material	RCP	Steel Reinforced Concrete Pipe Fibre Reinforced Concrete Pipe		
								FRC PVC-U HDPE	PolyVinylChloride Unplasticised		
								HDPE	High Density Polyethylene (includes the product known		
									commercially as Haries Black		
									Brute)		
								PP	Polypropylene Pipe (also known as Black Max)		
								RPP	Ribbed Polypropylene Pipe (also		
								GRP	known as RibStruct) Glass Reinforced Plastic (includes		
								O.u.	the product known commercially as		
								CSP	Hobas) Helically Corrugated Galv Steel		
								Cor	Pipe		
								CAP	Helically Corrugated Aluminium		
								SFRC	Pipe Slotted fibre reinforced concrete		
						Class	The pipe wall class	1	Class 1		
								2	Class 2 Class 3		
								4	Class 4		
								8	Class 6 Class 8		
								10	Class 10		
								SN2 SN4	Class SN2 Class SN4		
								SN8	Class SN8		
						JointType	The joint type of the pipe section	FJ RRJ	Flush Joint Rubber Ring Joint		
								SWJ	Solvent Welded Joint		
				BoxPipe	Rectangular pipe cross-sectional description.	Height mm	Helaht in millimetres of the internal cross section		positiveInteger		
						Width mm Material	Width in millimetres of the internal cross section Wall material of the box section.	RCBC	positiveInteger Reinforced Concrete Box Culvert		
								SLBC RUBBLE	Slab Link Box Culvert		
						Class	The pipe wall class	1	Rubble Infiltration Drain Class 1		
								2	Class 2		
								3	Class 3 Class 4		
								6	Class 6		
								8	Class 8 Class 10		
								SN2	Class SN2		
								SN4 SN8	Class SN4 Class SN8		
		Cells	The number of cells in the pipe course.		positiveInteger			5140	0833 5140		
		ConcreteCoverType	The pipe protection regime employed.	Standard Saltwater	Standard						
		Grade	Pipe gradient as a percentage. Derivable from	Saitwater	Saltwater Float_Positive_Zero						
			invert levels and horizontal length.		Float Positive NonZero						
		Length m Geometry	Pipe material length in metres. Polyline geometry representing the feature in		geometry_linear_multipath_simple						
			coordinate space.								
			The recommendation for multicell courses is to store multiple paths within the polyline. It is								
			recommended that all paths are digitised in the								
SurfaceDrain	Represents a linear surface drain. May	Type	direction of flow The type of drain or channel.	Canal	Canal						
	include natural features as well as			Open Drain	Open Drain						
	constructed where they function as part of a contributed asset.			Overland Flow Path Flat Open Surface	Overland Flow Path Flat Open Surface						
				Natural Waterway	Natural Waterway						
				Infiltration Trench Batter Chute	Infiltration Trench Structure to convey runoff down a cut or fill batter and discharge at						
					either non-rosive velocities or onto a non-erodable surface.						
				Diversion Drain	Diversion Drain. Also called Whoa Boy, check, cross or roll over						
					banks. Constructed to divert water off a track without causing						
		DrainShape	Cross-sectional shape of the drain.	Flat Bottom Drain	erosion. Flat Bottom Drain						
				Vee Drain	Vee Drain						
				Swale Drain Natural Channel	Swale Drain Natural Channel						
				Diversion Profile	Diversion Profile						
		LiningMaterial	The material that the channel is lined with.	Grassed Earth	Grassed Earth						
				Concrete	Concrete						
				Stone Pitched Placed Rock	Stone Pitched Placed Rock						
				Grouted Rock	Grouted Rock						
				Revetment Mattress Rock Filled Wire Basket	Revetment Mattress Rock Filled Wire Basket						
				Natural Channel	Natural Channel						
		LinedWidth_m	The width, in metres, of the lined portion of the channel.		Float_Positive_NonZero						
		BatterMaterial	The material that the drain batter is lined with. A	Grassed	Grassed						
			null value may be supplied where the drain has	Earth Concrete	Earth						
			no batter.	Stone Pitched	Concrete Stone Pitched						
				Placed Rock	Placed Rock						
				Grouted Rock Revetment Mattress	Grouted Rock Revetment Mattress						
				Rock Filled Wire Basket	Rock Filled Wire Basket						
		BatterWidth_m	The total width, in metres, from lip of batter to	Natural Channel	Natural Channel Float_Positive_NonZero						
			opposite lip of batter. A null value may be								
		US_InvertLevel_m	supplied where the drain has no batter. Invert level of this pilpe end (in metres against		float						
			the vertical datum).								
		DS_InvertLevel_m	Invert level of this pipe end (in metres against the vertical datum).		float						
			and vortical datamy.								

ASSET TYPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION		DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
ASSELLTPE	- DESCRIPTION	AverageGrade	DESCRIPTION The average gradient over the whole length of	ENUMERATION \ DETAIL	DESCRIPTION Float_Positive_Zero	ENUMERATION (DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION (DETAIL	DESCRIPTION
		AverageOrade	the feature, as a percentage. Derivable from the								
			difference in invert levels and the horizontal								
		Length_m	length of the geometry. The material length, in metres, of the centreline		Float Positive NonZero						
			of the channel.								
		Geometry	Polyline geometry representing the feature in coordinate space.		geometry_linear_singlepath_simple						
			Digitise each individual length of channel as a								
-			single unbroken path.								
GPTComplex	Represents a complex commerial or custom StormWater Quality	Sqid_Id	The string identifier of the device, as it would appear on a plan.		String_32						
	Improvement Device (SQID).	Construction		Commercial		Manufacturer Model	The manufacturer of the unit		String 64		
						Model	The standard code, model number or part number for the unit		String_64		
						Size	The planimetric size of the device. This element is	Rectangular	Planimetric dimensions of a	Length mm	Lenath in millimetres
							nillable because the manufacturer and model are mandatory, but if capture software designers wish to	Circular	rectangular device.	Width mm	Width in millimetres
							automatically populate the sizes from a list of known	Circulai	Planimetric dimensions of a circular device.	r Diameter_mm	Diameter in millimetres
				Custom		Size	The dimensions of the device. This element is	Rectangular	Planimetric dimensions of a	Length mm	Lenath in millimetres
							mandatory for custom built devices. The appropriate dimensions must be supplied	Circular	rectangular device. Planimetric dimensions of a circular	r Diameter_mm	Width in millimetres Diameter in millimetres
									device.		
		Function1	The first function of the WSUD point. The device must have at least one function. Usually Gross	Sediment Capture	Gross Pollutant Capture Sediment Capture						
			Pollutant Capture will be the most important	Oil / Grit Separation	Oil / Grit Separation						
			function.	Filtration	Filtration of fine particulates from stormwater before discharging to a downstream drainage system.						
		Function2	The second function of the WSUD point, if	Gross Pollutant Capture	Gross Pollutant Capture						
			applicable	Sediment Capture Oil / Grit Separation	Sediment Capture Oil / Grit Separation						
				Filtration	Filtration of fine particulates from stormwater before discharging to						
					a downstream drainage system.						
		Function3	The third function of the device, if applicable	Gross Pollutant Capture Sediment Capture	Gross Pollutant Capture Sediment Capture						
				Oil / Grit Separation	Oil / Grit Separation						
				Filtration	Filtration of fine particulates from stormwater before discharging to						
		US PipeDiameter mm	The upstream pipe diameter in millimetres		a downstream drainage system. positiveInteger						
		DS PipeDiameter mm	The downstream pipe diameter in millimetres		positiveInteger float						
		SurfaceLevel m US_InvertLevel_m	The surface level at the top of the device Invert level of this pilpe end (in metres against		float						
		DS InvertLevel m	the vertical datum). Invert level of this pipe end (in metres against		Read.						
		DS_InvertLevel_m	the vertical datum).		float						
		CleanoutLevel_m	The level to which the device must be cleaned		float						
			out, in metres against the vertical datum of the project.								
		Depth m	The depth. in metres. of the device.		Float Positive NonZero						
		SumpDepth_m	The depth, in metres, of the sump, if applicable		Float_Positive_NonZero						
		HasFilterMedia	True if the device has filtration media or a filter		boolean						
		HasBasket	capsule installed. True if the device has a litter basket installed.		boolean						
		HasBoards	True if the device has drop-boards or penstock		boolean						
		DesignFlow m3s	installed. Desian Flow in cubic metres per second		Float Positive NonZero						
		MaxContaminantVolume_m3	Maximum contaminant retention volume in cubic		Float_Positive_NonZero						
		MaxInternalVolume m3	Maximum internal volume in cubic metres.		Float Positive NonZero						
		MaintenanceCycle_mnths	The minimum maintenance cycle in months		positiveInteger						
		Rotation	(refer to specifications) Rotation angle (cartesian - anti-clockwise 0		Float_Direction						
		O	degrees = East)		_						
		Geometry	Point geometry representing the feature in coordinate space.		geometry_point_singlepoint						
GPTSimple	Represents a Water Sensitive Urban	Sqid_ld	The string identifier of the device, as it would		String_32						
	Design point feature that is a simple grate, basket or net fitted to existing	Construction	appear on a plan. The construction method	Prefabricated	Prefabricated						
	infrastructure.			Insitu	Built or poured in-situ						
	Includes custom In-Pit or End-of-Line features or In-Line features such as	Manufacturer ModelNumber	The manufacturer if applicable The model if applicable		String 64 String 64						
	trash-racks on drainage lines.	TreatmentMeasure	Simple treatment measures fitted to existing	Basket	A simple basket fitted to existing infrastructure to intercept solid						
	Spatially, these features must be		infrastructure to intercept solid litter being transported in stormwater.	Not	litter being transported in stormwater. A simple net fitted to existing infrastructure to intercept solid litter						
	collocated with pits, endstructures or placed on pipes or drainage lines.		transported in stormwater.	INDE	being transported in stormwater.						
	Therefore, as in reality, whether the			Vertical Grate	A vertical grate across a drainage line or endstructure to intercept						
	feature is In-Pit, In-Line or End-of-Line is determined by its placement with			Horizontal Grate	solid litter being transported in stormwater. A horizontal grate across an inlet to intercept solid litter being						
	other features.	Function1	The first function of the WSUD point. Has a fixed		transported in stormwater.						
			value because all GPTSimple points are.		String_32						
		Length mm	The length of the device The width of the device		positiveInteger						
		Width mm Material	Predominant material of device		String 64						
		MaintenanceCycle_mnths	The minimum maintenance cycle in months.		positiveInteger						
			This is the revisit interval for clearing captured rubbish.								
		Rotation	Rotation angle (cartesian - anti-clockwise 0		Float_Direction						
		Geometry	degrees = East) Point geometry representing the feature in		geometry_point_singlepoint						
NonGPTSimple	Represents a WSUD point feature that	Sold Id	coordinate space. The string identifier of the device, as it would		String_32						
Nondertaimpie	is not a simple litter trap, such as a		appear on a plan.								
	small sand filter, sediment pond, aquifer storage, infiltration measure or	Construction	The construction method	Prefabricated Insitu	Prefabricated Built or poured in-situ						
	energy dissipater.	Manufacturer	The manufacturer if applicable		String 64						
		ModelNumber TreatmentMeasure	The model if applicable Treatment measures applicable to WSUD points	Aquifer Sterege Tenk	String 64						
			that are neither simple nor complex Gross	Energy Dissipater	Aquifer Storage Tank An installation in a drainage line, usually of concrete or stone,						
			Pollutant Traps		designed to dissipate the kinetic energy of flowing stormwater, to						
					minimise its potential for erosion and damage. Often placed immediately downstream of an endstructure, but may conceivably						
					be anywhere needed in a drainage line.						
					Floating Boom						
				Floating Boom	Infiltration measure designed to promote infiltration of a						
				Floating Boom Infiltration Pond	Infiltration measure designed to promote infiltration of appropriately treated water to surrounding soils. The primary function of these						
				Floating Boom Infiltration Pond	Infiltration measure designed to promote infiltration of appropriately						

ASSET TYPE	DECODIDEION		DECODIPTION		DECODIDION	ENUMERATION \ DETAIL	DECODIDITION	ENUMERATION \ DETAIL	DESCONDESION	ENUMERATION \ DETAIL	DECODIDITION
ASSELLTPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION Infiltration measure designed to promote infiltration of appropriately	ENUMERATION (DETAIL	DESCRIPTION	ENUMERATION (DETAIL	DESCRIPTION	ENUMERATION (DETAIL	DESCRIPTION
					treated water to surrounding soils. The primary function of these						
					devices is runoff volume control rather than pollutant removal.						
				Rubble Pit	A rubble pit designed to promote infiltration of untreated runoff to						
				Sand Filter	surrounding soils. A sand filter is a sand layer designed to filter fine particulates from						
					stormwater before discharging to a downstream drainage system.						
				Sediment Forebay	A Sediment Forebay, usually associated with a WSUD area to						
		Function1	The first function of the WSUD point. Must be	Sediment Capture	intercept coarse sediment. Sediment Capture						
		1 difetori 1	supplied.	Sand Filtration	Sand Filtration occurs in a sand layer designed to filter fine						
					particulates from stormwater before discharging to a downstream drainage system.						
				Infiltration	Infiltration measures typically consist of holding pond or tank						
					designed to promote infiltration of appropriately treated water to surrounding soils. The primary function of these devices is runoff						
				A ''( O)	volume control rather than pollutant removal.						
				Aquifer Storage Energy Dissipation	Aquifer Storage The dissipation of kinetic energy from flowing storwater to reduce						
		Function2	The second function of the WSUD point, if	Sediment Capture	its potential for erosion and damage. Sediment Capture						
		1 GHOLONE	applicable	Sand Filtration	Sand Filtration occurs in a sand layer designed to filter fine						
					particulates from stormwater before discharging to a downstream drainage system.						
				Infiltration	Infiltration measures typically consist of holding pond or tank						
					designed to promote infiltration of appropriately treated water to surrounding soils. The primary function of these devices is runoff						
					volume control rather than pollutant removal.						
				Aquifer Storage Energy Dissipation	Aquifer Storage The dissipation of kinetic energy from flowing storwater to reduce						
		Function3	The third function of the device, if applicable	Sediment Capture	its potential for erosion and damage. Sediment Capture						
		Functions	The third function of the device, if applicable	Sand Filtration	Sand Filtration occurs in a sand layer designed to filter fine						
					particulates from stormwater before discharging to a downstream drainage system.						
				Infiltration	Infiltration measures typically consist of holding pond or tank						
					designed to promote infiltration of appropriately treated water to surrounding soils. The primary function of these devices is runoff						
					volume control rather than pollutant removal.						
				Aquifer Storage Energy Dissipation	Acuifer Storace The dissipation of kinetic energy from flowing storwater to reduce						
		Length mm	The length of the device		its potential for erosion and damage.						
		Width mm	The width of the device		positiveInteger positiveInteger						
		MaintenanceCycle_mnths	The minimum maintenance cycle in months. This is the revisit interval for maintenance or		positiveInteger						
			inspection, if applicable,								
		Rotation	Rotation angle (cartesian - anti-clockwise 0 degrees = East)		Float_Direction						
		Geometry	Point geometry representing the feature in		geometry_point_singlepoint						
Flow Management Device	Represents a Flow Management	Sqid_Id	coordinate space. The string identifier of the device, as it would		String_32						
-	Device. Also often called a	Туре	appear on a plan.	1.0000							
	Stormwater Quality Improvement Device (SQID).	Type	Stormwater Flow Management Device Type	Levee Spillway	Levee Spillway						
		Material	The predominant material of the Stormwater	Weir Concrete	Weir Concrete						
		indicitar	Flow Management Device.	Earth	Earth						
				Grassed Grouted Rock	Grassed Grouted Rock						
				Metal	Metal						
				Placed Rock Timber	Placed Rock Timber						
		Length m CrestElevation m			Float Positive NonZero						
		Geometry	Polyline geometry representing the feature in		geometry_linear_multipath_simple						
WSUD Area	Represents a Water Sensitive Urban	Sqid_Id	coordinate space. The string identifier of the device, as it would		String_32						
HOUD Area	Design (WSUD) area feature. Also		appear on a plan.	P. ((							
	often called a StormWater Quality Improvement Device (SQID).	TreatmentMeasure	The treatment measure employed. Choose from a list relevant to complex area features.	Buffer Strip	A buffer strip is a vegetated slope. Stormwater flows across a buffer strip. Treatment is provided by infiltration to the soil and by						
	Use area features to represent			Quality	filtration of shallow flow through the vegetation.						
	constructed wetlands, bioretention basins, biofiltration beds, swales etc.			Swale	A swale is a shallow trapezoidal channel lined with vegetation. Stormwater flows along a swale. Treatment is provided by						
	.,				infiltration to the soil and by filtration of shallow flow through the vegetation.						
				Bioretention Swale	Bioretention swales include a vegetated infiltration trench within						
					the invert of a swale. Incorporating the infiltration trench enhances removal of both particles and nutrients.						
				Sedimentation Basin	A sedimentation basin is a small pond, about 1m deep, designed						
					to capture coarse to medium sediment from urban catchments. Treatment is provided primary through settling of suspended						
				Disretentian Basin	particles.						
				Bioretention Basin	A bioretention basin is a vegetated bed of filter material, such as sand and gravel. The basin is designed to capture stormwater						
					runoff which then drains through the filter media. Pollutants are						
					removed by filtration and by biological uptake of nutrients.						
				Constructed Wetland	Constructed wetland systems are shallow, vegetated water bodies the use enhanced sedimentation, fine filtration and biological						
					uptake processes to remove pollutants from stormwater.						
		Function1	The first function of the WSUD area. At least	Gross Pollutant Capture	Gross Pollutant Capture is the function of removing coarse						
			one function must be supplied. Choose from a		particulate matter from stormwater. Sediment Capture is the function of capturing coarse to medium						
			list relevant to complex area features.	Sediment Capture	Sediment Capture is the function of capturing coarse to medium sediment from urban catchments. Treatment is provided primarily						
				Oil / Crit Separation	through settling of suspended particles.						
				Oil / Grit Separation Sand Filtration	Oil / Grit Separation Sand Filtration occurs in a sand layer designed to filter fine						
					particulates from stormwater before discharging to a downstream drainage system.						
				Permeation	Permeation allows water to penetrate the surface and join						
				Vegetated Filtration	subterranean flows Vegetated Filtration						
				Bioretention	Bioretention						
		Function2	The second function of the WSUD area, if applicable.	Gross Pollutant Capture	Gross Pollutant Capture is the function of removing coarse particulate matter from stormwater.						

ASSET TYPE	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
AGGETTITE	-	ENDINERATION (DETAIL	BESCRIPTION	Sediment Capture	Sediment Capture is the function of capturing coarse to medium	ENGINEIGATION (DETAIL	BESCHEITEN	ENGINEIRATION (DETAIL	DESCRIPTION	ENGINEIGATION (DETAIL	DESCRIPTION
				Sediment Capture	sediment capture is the function of capturing coarse to medium sediment from urban catchments. Treatment is provided primarily						
					through settling of suspended particles.						
				Oil / Grit Separation	Oil / Grit Separation						
				Sand Filtration	Sand Filtration occurs in a sand layer designed to filter fine						
					particulates from stormwater before discharging to a downstream						
					drainage system.						
				Permeation	Permeation allows water to penetrate the surface and join						
					subterranean flows						
				Vegetated Filtration	Vegetated Filtration						
				Bioretention	Bioretention						
		Function3	The third function of the WSUD area, if	Gross Pollutant Capture	Gross Pollutant Capture is the function of removing coarse						
			applicable.		particulate matter from stormwater.						
				Sediment Capture	Sediment Capture is the function of capturing coarse to medium						
					sediment from urban catchments. Treatment is provided primarily						
					through settling of suspended particles.						
				Oil / Grit Separation	Oil / Grit Separation						
				Sand Filtration	Sand Filtration occurs in a sand layer designed to filter fine						
				ound i nation	particulates from stormwater before discharging to a downstream						
					drainage system.						
				Permeation	Permeation allows water to penetrate the surface and join						
				Permeation							
					subterranean flows						
				Vegetated Filtration	Vegetated Filtration						
				Bioretention	Bioretention						
		PondingArea_m2	Area of Temporary Ponding or Extended		Float_Positive_NonZero						
			Detention in square metres.								
		PondingDepth_m	Average depth of Temporary Ponding or		Float_Positive_NonZero						
			Extended Detention in metres.								
		FilterArea_m2	Area of Bioretention filter media in square		Float_Positive_NonZero						
			metres.								1
		FilterDepth m	Depth of Bioretention filter media in metres.		Float Positive NonZero						1
		TransitionDepth_m	Depth of the Bioretention Transition Layer in		Float_Positive_NonZero						
			metres.								
		DrainageDepth_m	Depth of the Bioretention Drainage Layer in		Float_Positive_NonZero						
			metres.								
		MacrophyteZoneArea m2	The vegetated area in square metres (may be		Float Positive Zero						
		., _	zero). Area of vegetated portion of constructed								
			wetland (macrophyte zone)								
		MacrophyteZoneDepth m	Average depth of vegetated portion of		Float Positive NonZero						
		macrophytozonebepti_m	constructed wetland (macrophyte zone).		I IOM_I ODIATO_IONECIO						
		CoarseSedimentArea m2	Maximum area of ponding (for coarse sediment		Float Positive Zero						
		oodiocoodimontArea_m2			1.004_1.004470_2010						
		SedimentVolume m3	capture) before bypass. Volume of sediment capacity in cubic metres		Float Positive NonZero						
					float						
		MinSurfaceLevel_m	Minimum surface level within structure (above or		nuat						
			below water surface level).		A						
		PermanentPondLevel_m	Water surface level during normal dry weather.		float						
		<b>A B B B</b>			8 · ·						
		OutletLevel_m	The surface level in metres of the bypass, or		float						
			spillway, or other overflow outlet structure.								
		DesignFlow_m3s	The maximum design flow of the feature in cubic		Float_Positive_NonZero						
			metres per second								
		HasSpillway	Whether the feature has a spillway		boolean						
		MaintenanceCycle_mnths	The minimum maintenance cycle in months		positiveInteger						
			(refer to specifications)								
		Geometry	Polygon geometry representing the feature in		geometry_area_multipath_complex						
			coordinate space.		· · · · · · · · ·						

			Data structure constraining information for Op				
ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
nSpaceArea	Represents a top-level area of open space regarded as a	Name	The offical name or description of the Open Space area (eg:		String_64		
	single functional area, such as a park or recreation area.	Time	Smith St Park, Stockland Park Sporting complex)	Recreational	Preventional		
	May be, but not necessarily, coincident with cadastral	Туре	The type of Open Space area eg: Recreational, Bushland, Sporting Complex	Bushland	Recreational Bushland		
	boundary		Sponing complex	Road Reserve	Road Reserve		
				Special Facility	Special Facility		
		Geometry	The geometry representing this feature in coordinate space.	opeoidi i dointy	geometry area multipatch complex		
vityArea	Represents an activity area such as a playground or	Use	The type of use for the Activity Site eg: Animal, Fitness, Play,	Animal	Animal		
	excercise area		Sport	Fitness	Fitness		
			opon	General	General		
				Play	Play		
				Sports	Sports		
		Туре	The type of Activity Site. Eg: Sports Field, Cycling Facility		String 64		
		Material	The material type of Undersurfacing eg: Bark, Rubber, Grassed	Bark	Bark		
				Bitumen	Bitumen		
				Concrete	Concrete		
				Grass	Grass		
				Gravel	Gravel		
				Rubber Matting	Rubber Matting		
				Sand	Sand		
				Synthetic Grass	Synthetic Grass		
		Thickness mm	Thickness of material in millimetres.		Float Positive NonZero		
		Geometry	The geometry representing this feature in coordinate space.		geometry area multipatch complex		
ging	Represents the Edging of an Activity Area or Landscaped	Material	The material type of edging	Aluminium	Aluminium		
	Area			Brick	Brick		
				Concrete	Concrete		
				Paver	Paver		
				Plastic	Plastic		
				Rock	Rock		
				Rubber	Rubber		
				Timber	Timber		
		Length_mm	Length of material in millimetres.		positiveInteger	_	
		Width mm	Width of material in millimetres.		positiveInteger		
h dhu Du luch	Democratic en estivite estat festive. E en Animet, Elterre	Geometry	The geometry representing this feature in coordinate space.	Animal	geometry_linear_singlepath_complex	_	
tivityPoint	Represents an activity point feature. E.g: Animal, Fitness,	Use	The activity use category	Animal	Animal		
	Play or Sports activity item.			Fitness	Fitness Play		
				Play Sports	Sports		
		Туре	The activity item type	Sports	String 64		
		Type Material	The material type of Activity Item eg: Timber, Aluminium	Aluminium	Aluminium		
		Material	The material type of Activity item eg. Timber, Aluminium	Combination	Combination		
				Fibreglass	Fibreglass		
				Plastic	Plastic		
				Rubber	Rubber		
				Steel Galvanised	Steel Galvanised		
				Steel Powder Coated	Steel Powder Coated		
				Stainless Steel	Stainless Steel		
				Timber	Timber		
		Theme	The theme of the Activity item. Eg: Kangaroo, Boat, Fort, Car		String 64		
		Units	The number of units present eg: 1, 2, 3		positiveInteger		
			The Manufacturer of the unit				
		Manufacturer			String 64		
		Manufacturer ModelNumber	The standard code, model number or part number for the unit		String_64 String_64		
		ModelNumber	The standard code, model number or part number for the unit		String_64		
		ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.		String_64 geometry_point_singlepoint		
rbeque	Represents an individual barbeque facility	ModelNumber	The standard code, model number or part number for the unit	Main	String_64 geometry_point_singlepoint Mains power		
rbeque	Represents an individual barbeque facility	ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Solar	String_64 geometry_point_singlepoint Mains power Solar power		
beque	Represents an individual barbeque facility	ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Solar Bottled Gas	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas		
'beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar	Solar Bottled Gas Wood	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired		
beque	Represents an individual barbeque facility	ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded.		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar	Solar Bottled Gas Wood	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fried At least one plate must be recorded. Up to ten plates are provided for, where they are built into a		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure.	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure.		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure.	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and Timber	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fried At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure.	Solar Botted Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber Concrete		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and Timber	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete Tiled	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber Concrete Tilled		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and Timber	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete Tiled Marble	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber Concrete Tiled Marbie		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and <u>Timber</u> The material type of the top structure ie: Tiled, marble, steel	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete Tiled	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber Concrete Tiled Marble Stainless Steel		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial Manufacturer	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. The material type of the surround structure ie: brick, steel and Timber The material type of the top structure ie: Tiled, marble, steel The Manufacturer of the unit	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete Tiled Marble	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber Concrete Tilled Marble Stainless Steel Stainless Steel String 64		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and <u>Timber</u> The material type of the top structure ie: Tiled, marble, steel	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete Tiled Marble	String_64 geometry_point_singlepoint Mains power Solar power Bottled gas Wood fired At least one plate must be recorded. Up to ten plates are provided for, where they are built into a single structure. Masonry Steel and Timber Concrete Tiled Marble Stainless Steel		
beque	Represents an individual barbeque facility	ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial Manufacturer ModelNumber	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and Timber The material type of the top structure ie: Tiled, marble, steel The Manufacturer of the unit The standard code, model number or part number for the unit	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 Masonry Steel and Timber Concrete Tiled Marble	String_64         geometry_point_singlepoint         Mains power         Solar power         Bottled gas         Wood fried         At least one plate must be recorded.         Up to ten plates are provided for, where they are built into a single structure.         Masonry         Steel and Timber         Concrete         Tiled         Stainless Steel         String 64		
		ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial Manufacturer ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. The number of plates fitted in the BBQ structure is brick, steel and Timber The material type of the surround structure ie: brick, steel and Timber The material type of the top structure ie: Tiled, marble, steel The Manufacturer of the unit The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 0 Masonry Steel and Timber Concrete Tiled Marble Stainless Steel	String_64         geometry_point_singlepoint         Mains power         Solar power         Bottled gas         Wood fired         At least one plate must be recorded.         Up to ten plates are provided for, where they are built into a single structure.         Masonry         Steel and Timber         Concrete         Tiled         Marble         String 64         String_64         geometry_point_singlepoint		
	Represents a table unit that may include fixed seating. Not to	ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial Manufacturer ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. I The material type of the surround structure ie: brick, steel and Timber The material type of the top structure ie: Tiled, marble, steel The Manufacturer of the unit The standard code, model number or part number for the unit	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 1 10 Masonry Steel and Timber Concrete Tiled Marble Stainless Steel Bench	String_64         geometry_point_singlepoint         Mains power         Solar power         Bottled gas         Wood fired         At least one plate must be recorded.         Up to ten plates are provided for, where they are built into a single structure.         Masonry         Steel and Timber         Concrete         Tiled         Marble         Stainless Steel         String 64         String_64         geometry_point_singlepoint         Bench		
beque		ModelNumber Geometry EnergySource Plates SurroundingMateria TopMaterial Manufacturer ModelNumber Geometry	The standard code, model number or part number for the unit The geometry representing this feature in coordinate space. The Source of energy for the BBQ. Ie: Mains, Bottled, Solar The number of plates fitted in the BBQ structure. The number of plates fitted in the BBQ structure is brick, steel and Timber The material type of the surround structure ie: brick, steel and Timber The material type of the top structure ie: Tiled, marble, steel The Manufacturer of the unit The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Solar Bottled Gas Wood Minimum (Inclusive) Value: 1 Maximum (Inclusive) Value: 10 0 Masonry Steel and Timber Concrete Tiled Marble Stainless Steel	String_64         geometry_point_singlepoint         Mains power         Solar power         Bottled gas         Wood fired         At least one plate must be recorded.         Up to ten plates are provided for, where they are built into a single structure.         Masonry         Steel and Timber         Concrete         Tiled         Marble         String 64         String_64         geometry_point_singlepoint		

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
						Post and Seat Post and Swivel Seat	Fixed post with non-swivelling seat Fixed post with swivelling seat
				Places	The number of individuals the seating is designed for. This attribute may be used to help determine the capacity of a recreational facility.		positiveInteger
		Material	The material type of Table/Seat eg: Timber, Aluminium	Aluminium Concrete Plastic Stainless Steel Steel Galvanised Steel Powder Coated	Aluminium Concrete Plastic Stainless Steel Steel Galvanised Steel Powder Coated		
				Timber Timber and Steel	Timber Timber and Steel		
		Manufacturer ModelNumber	The Manufacturer of the unit The standard code, model number or part number for the unit		String_64 String_64		
		Geometry	The geometry representing this feature in coordinate space.		geometry_point_singlepoint		
Seat	Represents a seat feature. Includes freestanding seats and border seating mounted in garden walls. Represents a seat unit that does not include a table as its main feature.	SeatType	The configuration of the seating.	Freestanding Border	Freestanding bench seat Border seating set in garden wall or similar low structure.		
		Places	The number of individuals the seating is designed for. This attribute may be used to help determine the capacity of a recreational facility.		positiveInteger		
		Material	The primary material type of Seat eg: Timber, Aluminium	Aluminium Concrete Plastic	Aluminium Concrete Plastic		
				Stainless Steel Steel Galvanised Steel Powder Coated	Stainless Steel Steel Galvanised Steel Powder Coated		
				Timber Timber and Steel	Timber Timber and Steel		
		Manufacturer ModelNumber	The Manufacturer of the unit The standard code, model number or part number for the unit		String_64 String_64		
		Geometry	The geometry representing this feature in coordinate space.		geometry_point_singlepoint		
WasteCollectionPoint	Represents a waste collection point feature	Туре	The type of Bin/Waste collection point eg: Std Litter Bin, Wheelie		Recycle Bin		
			Bin Enclosure	Standard Litter Bin Wheelie Bin Enclosure Wheelie Bin Stand	Standard Litter Bin Wheelie Bin Enclosure Wheelie Bin Stand		
		Material	The material type of Bin/Waste collection point eg: Aluminium, Steel	Aluminium Plastic Stainless Steel Steel Galvanised Steel Powder Coated Timber Timber and Steel	Aluminium Plastic Stainless Steel Steel Galvanised Steel Powder Coated Timber Timber and Steel		
		Manufacturer ModelNumber	The Manufacturer of the unit The standard code, model number or part number for the unit		String_64 String_64		
		Geometry	The geometry representing this feature in coordinate space.		geometry point singlepoint		
BicycleFitting	Represents a bicycle fitting feature Represents an individual fitting for the use or safety of cyclists.	Туре	The type of Bicycle fitting eg: Bicycle Rack, Bannana Rail	Banana Rail Bicycle Rack Chicane	Banana Rail Bicycle Rack Chicane		
	cycliots.	Material	The material type of Bicycle fitting eg: Timber, Aluminium	Aluminium Stainless Steel Steel Galvanised Steel Powder Coated Timber	Aluminium Stainless Steel Steel Galvanised Steel Powder Coated Timber		
		Manufacturer	The Manufacturer of the unit	Timber and Steel	Timber and Steel String 64		
		Manufacturer ModelNumber	The standard code, model number or part number for the unit		String_64		
		Geometry	The geometry representing this feature in coordinate space.		geometry point singlepoint		
GeneralFixture	Represents a general fixture feature. This is a class of minor point based fixtures not complex enough for a specific feature class.	Type Material	The type of Fixture eg: Dog bag dispensers, Fish cleaning station The material type of Fixture eg: Timber, Aluminium	Aluminium	String_32 Aluminium		
	1081UF (1835.	Manufacturer	The Manufacturer of the unit	Administri Plastic Stainless Steel Steel Galvanised Steel Powder Coated Timber Masonry Combination	Plastic Stainless Steel Steel Galvanised Steel Powder Coated Timber Masonry Combination String 64		
		ModelNumber	The Manufacturer of the Unit The standard code, model number or part number for the unit		String_64		
		Geometry	The geometry representing this feature in coordinate space.		geometry point singlepoint		
BarrierContinuous	Represents a continuous linear barrier feature, such as fencing, walls, handrail or bollard run.	Туре	The type of Barrier eg: Safety Fencing, Bollard Run, Gate	Bollard Run Dunal Fencing	Bollard Run Dunal Fencing		

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
	Do not use for retaining walls.	SET ALL		General Fencing	General Fencing		
	De not dee ter rotanning maner			Handrail	Handrail		
				Noise Barrier	An acoustic barrier fence, normally between road or rail and		
					residential areas.		
				Pedestrian Gate	Pedestrian Gate		
				Safety Fencing	Safety Fencing		
				Slide Rail	A lockable slide bar between two fixed uprights.		
				Stock Fencing	Stock Fencing		
				Vehicle Gate	Vehicle Gate		
				Wall	Wall		
		UprightMaterial	The material type of Barrier Uprights eg: Timber, Aluminium	Aluminium	Aluminium		
				Concrete	Concrete		
				Steel	Steel		
				Stainless Steel	Stainless Steel		
				Steel Galvanised	Steel Galvanised		
				Steel Powder Coated	Steel Powder Coated		
				Stone Boulder	Stone Boulder		
				Timber	Timber		
		LinkMaterial	The material type of Barrier Link Material eg: None, Chain, Wire		None		
				Aluminium	Aluminium		
				Brick	Brick		
				Chain	Chain		
				Concrete	Concrete		
				Concrete Block	Concrete Block		
				Safety Glass	Safety Glass		
				Timber Panel	Timber Panel		
				Timber Paling	Timber Paling		
				Wire Mesh	Wire Mesh		
				Wire Strand	Wire Strand		
				Chain Wire	Chain Wire		
				Steel Wire Rope	Steel Wire Rope		
					Corrugated galvanised steel sheeting		
1				Coated Rolled Steel			
					Rolled steel sheeting, with a primed and painted or baked finish.		
1					(includes the product commercially known as Colorbond)		
		-		Palisade	Abutting vertical posts, driven.		
		TopMaterial	The material type of Barrier Topping Material eg: None, Chain,	None	None		
			Barbed Wire	Aluminium	Aluminium		
				Chain Steel Rail	Chain Steel Rail		
				Steel Rall Timber Rail	Timber Rail		
				Wire Barbed	Wire Barbed		
				Wire Strand Plastic	Wire Strand Plastic		
		Longth m	The lineal length of the barrier in metres	Plastic	Float Positive NonZero		
		Length_m Height m	The height of the barrier in metres		Float Positive NonZero		
		UprightNumber	Total number of uprights in the run. For fencing, this will be the number of posts. For a bollard run, it will be the number of		positiveInteger		
			bollards.				
		Geometry	The geometry representing this feature in coordinate space.		geometry_linear_singlepath_complex		
		Coomeny	The geometry representing this reature in coordinate space.		goomeny_imeai_anglepain_complex		
			It is recommended, but not mandatory, that each vertex				
			represents an upright, particularly for bollard runs. This allows				
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if				
			represents an upright, particularly for bollard runs. This allows				
BarrierPoint	Represents a barrier feature that controls access at a single		represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard	A permanently fixed individual bollard usual forming a barrier to		
	Represents a barrier feature that controls access at a single point, such as a locking post or single bollard.		represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if	Bollard	A permanently fixed individual bollard, usual forming a barrier to vehicle entry, while permiting pedestrians or cyclists. Runs of		
	Represents a barrier feature that controls access at a single point, such as a locking post or single bollard.		represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard	vehicle entry, while permiting pedestrians or cyclists. Runs of		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.		vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope.		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard Bollard Removable	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard Removable	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope.		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard Removable Horse Stepovers	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device.		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard Removable	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post	vehicle entry, while permitting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device.		
			represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary.	Bollard Removable Horse Stepovers	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium Concrete	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium Concrete		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium Concrete Steel Stainless Steel	vehicle entry, while permitting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by Barrier-Continuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium Concrete Stainless Steel		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium Concrete Steel	vehicle entry, while permitting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium Concrete Steel		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium Concrete Steel Staelless Steel Stael Galvanised	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium Concrete Steel Stainless Steel Steinless Steel Steel Galvanised		
		Туре	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium Concrete Steel Steel Steel Steel Galvanised Steel Owder Coated	vehicle entry, while permitting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by Barrier-Continuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium Concrete Steel Stainless Steel Steel Galvanised Steel Powder Coated		
		Type UprightMaterial	represents an upright, particularly for bollard runs. This allows the geometry to be exploited to identify the individual features if necessary. The type of Barrier Point eg: Bollard, Locking Post	Bollard Removable Horse Stepovers Locking Post Aluminium Concrete Steel Stainless Steel Stainless Steel Steel Galvanised Steel Powder Coated Stoen Boulder	vehicle entry, while permiting pedestrians or cyclists. Runs of bollards forming a barrier line may be better described by BarrierContinuous, especially if linked with a joining material such as chain or stainless wire rope. A removeable bollard, usually with a fixed base mounting to accept a padlock or similar security device. Horse Stepovers A simple removeable post, usually with a fixed base mounting to accept a padlock or similar security device. Aluminium Concrete Steel Stainless Steel Steel Galvanised Steel Powder Coated Steel Powder Coated Stene Boulder		

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
	terrestrial, freshwater and marine revetment walls.			Freshwater	Freshwater revetment wall. Designed to cope with freshwater		
					flood levels. Also engineered walls for pools and ponds.		
				Marine	Marine revetment wall		
		Material	The material/type of Retaining Wall eg: Rock, Conc. Block,	Boulder	Boulder		
			Conc. Crib	Concrete	Concrete, poured in situ.		
				Concrete crib	Concrete crib		
				Precast Concrete Slab	Precast Concrete Slab		
				Masonry	Masonry bricks or blocks		
				Rock	Rock or stone, either placed, or mortared		
				Timber Sleeper Timber Crib	Timber sleepers or logs Timber Crib		
				Timber Crib	Pneumatically projected binding material, usually concrete or		
				Shot Binding	stabilising mortar		
		Construction	Construction principle of this wall (eg: Gravity, Piled, Cantilever)	Gravity	These walls use their own weight and any captured soil or fill		
					weight to resist the lateral soil pressure.		
				Piled	These walls use the embedded depth of vertical posts and the		
					strength of the posts to resist lateral soil forces.		
				Cantilever	These walls cantilever vertically from the concrete footing and		
					typically resist overturning by the mass of the soil or material on		
					the heel of the footing.		
		Length m	The lineal length of the wall in metres		Float Positive NonZero		
		Height_m	The height (or average height) of the wall in metres		Float_Positive_NonZero		
		Geometry	The geometry representing this feature in coordinate space.		geometry linear multipath complex		
lter	Represents an individual open space shelter feature as a	Туре	The type of structure eg: Sail, Rigid	Rigid	Rigid		
	point object	Our true in T	The time of the literature tracked and the De Mills in	Sail	Sail		
		ConstructionType	The type of shelter constructed eg: Prefab or Built insitu	Prefabricated Insitu	Prefabricated		
		FloorMaterial	The material type of the Floor eg: Concrete, Timber	Concrete	Built or poured in-situ Concrete		
		FIOUTWIAterial	The material type of the Floor eg. Concrete, Timber	Paved	Paved		
				Timber	Timber		
		WallMaterial	The material type of the Walls eg: Timber/cladding, Reinforced	None	None		
			Block	Concrete	Concrete		
				Cladding	Cladding		
				Masonry	Masonry		
				Stainless Steel	Stainless Steel		
				Galvanised Steel	Galvanised Steel		
				Powder Coated Steel Timber	Powder Coated Steel Timber		
		RoofMaterial	The material type of the Roof eg: Steel Sheeting, Masonary tiles	Masonry Tiles	Masonry Tiles		
		Roonwateria	The material type of the root eg. Oteer onceang, masonary ties	Sail	Sail		
				Steel Sheets	Steel Sheets		
				Timber slats	Timber slats		
		Manufacturer	The Manufacturer of the unit		String 64		
		ModelNumber	The standard code, model number or part number for the unit		String_64		
			The geometry representing this feature in coordinate anosa		geometry point singlepoint		
IterPolygon	Represents an individual open space shelter feature as a	Geometry	The geometry representing this feature in coordinate space.	Rigid	geometry_point_singlepoint		
elterPolygon	Represents an individual open space shelter feature as a polygon object	Geometry Type	The geometry representing this feature in coordinate space. The type of structure eg: Sail, Rigid	Rigid Sail	geometry_point_singlepoint Rigid Sail		
elterPolygon	Represents an individual open space shelter feature as a polygon object	Туре		Rigid Sail Prefabricated	Rigid		
elterPolygon		Type ConstructionType	The type of structure eg: Sail, Rigid	Sail Prefabricated Insitu	Rigid Sail Prefabricated Built or poured in-situ		
lterPolygon		Туре	The type of structure eg: Sail, Rigid	Sail Prefabricated Insitu Concrete	Rigid Sail Prefabricated Built or poured in-situ Concrete		
lterPolygon		Type ConstructionType	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu	Sail Prefabricated Insitu Concrete Paved	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved		
lterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber	Sail Prefabricated Insitu Concrete Paved Timber	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber		
iterPolygon		Type ConstructionType	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced	Sail Prefabricated Insitu Concrete Paved Timber None	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None		
iterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber	Sail Prefabricated Insitu Concrete Paved Timber None Concrete	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete		
IterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced	Sail Prefabricated Insitu Concrete Paved Timber None Concrete Cladding	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete Cladding		
lterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced	Sail Prefabricated Insitu Concrete Paved Timber None Concrete	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete		
lterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced	Sail Prefabricated Insitu Concrete Paved Timber None Concrete Cladding Masonry	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete Cladding Masonry		
iterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced	Sail Prefabricated Insitu Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Timber	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Timber		
IterPolygon		Type ConstructionType FloorMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced	Sail Prefabricated Insitu Concrete Paved Timber Concrete Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Timber Masonry Tiles	Rigid Sail Prefabricated Built or poured in-situ Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Timber Masonry Tiles		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Timber Masonry Tiles Sail	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Masonry Tiles Sail Sail Steel Sheets	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steel Sheets		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial RoofMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Timber Masonry Tiles Sail	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steel Sheets         Timber slats		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial RoofMaterial Manufacturer	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles The Manufacturer of the unit	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Masonry Tiles Sail Sail Steel Sheets	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steil Sheets         Timber slats         String 64		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial RoofMaterial	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Masonry Tiles Sail Sail Steel Sheets	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steel Sheets         Timber slats		
IterPolygon		Type ConstructionType FloorMaterial WallMaterial RoofMaterial Manufacturer ModelNumber	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles <u>The Manufacturer of the unit</u> The standard code, model number or part number for the unit	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Masonry Tiles Sail Sail Steel Sheets	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Qaintees         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steing 64		
		Type ConstructionType FloorMaterial WallMaterial RoofMaterial Manufacturer	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles The Manufacturer of the unit	Sail Prefabricated Insitu Concrete Paved Timber Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Masonry Tiles Sail Sail Steel Sheets	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steil Sheets         Timber slats         String 64		
	polygon object	Type ConstructionType FloorMaterial WallMaterial RoofMaterial <u>Manufacturer ModelNumber Geometry </u>	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles <u>The Manufacturer of the unit</u> The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Sail Prefabricated Insitu Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Fimber Masonry Tiles Sail Steel Sheets Timber slats Entry Statement Memorial	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Qaintees         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         Steing 64         String_64         geometry area singlepatch complex         Entry Statement         Memorial		
iterPolygon work	polygon object	Type ConstructionType FloorMaterial WallMaterial RoofMaterial <u>Manufacturer ModelNumber Geometry </u>	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles <u>The Manufacturer of the unit</u> The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Sail Prefabricated Insitu Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Powder Coated Steel Powder Coated Steel Timber Masonry Tiles Sail Steel Sheets Timber slats	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Cladding         Masonry         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Sail         Steel Sheets         Timber slats         String_64         String_64         geometry area singlepatch complex         Entry Statement         Menorial         Monument		
	polygon object	Type ConstructionType FloorMaterial WallMaterial RoofMaterial <u>Manufacturer ModelNumber Geometry </u>	The type of structure eg: Sail, Rigid The type of shelter constructed eg: Prefab or Built insitu The material type of the Floor eg: Concrete, Timber The material type of the Walls eg: Timber/cladding, Reinforced Block The material type of the Roof eg: Steel Sheeting, Masonary tiles <u>The Manufacturer of the unit</u> The standard code, model number or part number for the unit The geometry representing this feature in coordinate space.	Sail Prefabricated Insitu Concrete Paved Timber None Concrete Cladding Masonry Stainless Steel Galvanised Steel Fimber Masonry Tiles Sail Steel Sheets Timber slats Entry Statement Memorial	Rigid         Sail         Prefabricated         Built or poured in-situ         Concrete         Paved         Timber         None         Concrete         Qaintees         Stainless Steel         Galvanised Steel         Powder Coated Steel         Timber         Masonry Tiles         Sail         String 64         String_64         geometry area singlepatch complex         Entry Statement         Memorial		

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
				Statue Other	Statue Other		
		Material	The material type of Artwork eg: Timber, Aluminium	Aluminium	Aluminium		
				Bronze	Bronze		
				Concrete	Concrete		
				Fibreglass	Fibreglass		
				Masonry	Masonry		
				Plastic	Plastic		
				Stainless Steel	Stainless Steel		
				Steel Galvanised	Steel Galvanised		
				Steel Powder Coated	Steel Powder Coated		
				Stone	Stone		
				Tile	Tile		
				Timber	Timber		
				Combination	Combination		
		0	The geometry representing this feature in coordinate space.	Combination			
		Geometry			geometry point singlepoint		
lding	Represents an open space building feature, such as a toilet	Туре	The type of Building eg: Grandstand, Bandstand	Amenities	Amenities		
	block, bandstand.			Amphitheatre	Amphitheatre		
	Not to be used for shelters.			Arbour	Arbour		
				Bandstand	Bandstand		
				Grandstand	Grandstand		
				Open Seating	Open Seating		
				Sheds	Sheds		
				Toilet Block	Toilet Block		
				Viewing Platform	Viewing Platform		
				Demountable	Demountable site office		
		Material	The material type of Building eg: Timber, Brick	Aluminium	Aluminium		
				Concrete	Concrete		
				Masonry	Masonry		
				Stainless Steel	Stainless Steel		
				Steel Galvanised	Steel Galvanised		
				Steel Powder Coated	Steel Powder Coated		
				Timber	Timber		
				Combination	Combination		
		Geometry	The geometry representing this feature in coordinate space.		geometry area singlepatch complex		
atingFacilitiy	Represents a boating facility feature, such as a pontoon,	Туре	The type of Boating Facility eg: Jetty, Pier	Jetty	Jetty		
uningi ucinity	ramp or jetty.	Type	The type of boating rading eg. betty, rich	Pier	Pier		
	ramp of jetty.			Ramp	Ramp		
				Slipway	Slipway		
		Material	The material type of Boating Facility eg: Timber, Aluminium	Aluminium	Aluminium		
		Material	The material type of boating Facility eg. Timber, Aluminian	Concrete	Concrete		
				Stainless Steel	Stainless Steel		
				Steel Galvanised	Steel Galvanised		
				Steel Powder Coated	Steel Powder Coated		
				Timber	Timber		
		0	The second s	Combination	Combination		
	Deserve and a second set fitting as a last free time in the last	Geometry	The geometry representing this feature in coordinate space.	1.1	geometry area singlepatch complex		
ectricalFitting	Represents an electrical fitting point feature, including	Туре	The type of Electrical Component eg: Light, Switch Board,	Light	Light		
	lighting, whether freestanding or fixed to an existing		Power Outlet	Pit	Pit		
	structure.			Pole	Pole		
				Power Outlet	Power Outlet		
				Switch Board/Meter Box	Switch Board/Meter Box		
		Base	The type of base (eg: Fixed or Slip)	Fixed	Fixed		
				Slip	Slip		
		Material	The material type of the component eg: Aluminium, Steel	Aluminium	Aluminium		
				Concrete	Concrete		
				Plastic	Plastic		
				Stainless Steel	Stainless Steel		
				Galvanised Steel	Galvanised Steel		
				Powder Coated Steel	Powder Coated Steel		
				Stone	Stone		
				Wood	Wood		
		EnergySource	The type of Power Source eg; Mains, Solar	Main	Main		
			•••	Solar	Solar		
		Manufacturer	The Manufacturer of the unit		String 64		
		ModelNumber	The standard code, model number or part number for the unit		String_64		
					-		
		Geometry	The geometry representing this feature in coordinate space.		geometry point singlepoint		
ctricalConduit	Represents a continuous linear course of electrical conduit.	Туре	The conduit type eq: Medium Duty, Heavy Duty	Medium Duty	Medium Duty		
		76-		Heavy Duty	Heavy Duty		
		Material	The conduit material type	PVC	PolyVinylChloride		
		Diameter mm	The conduit material type		positiveInteger		
		Length m	The lineal length of the barrier in metres		Float Positive NonZero		
		Protection	The type of conduit protection used eg: Concrete encased,	Concrete Encased	Concrete encased		
		0.0000011					
			rubber met tene only	Rubber Mat			
			rubber mat, tape only	Rubber Mat	Rubber Mat		
		Geometry	rubber mat, tape only The geometry representing this feature in coordinate space.	Rubber Mat Tape Wrapped	Rubber Mat Tape Wrapped geometry linear multipath complex		

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	DESCRIPTION
	shaped lawn, or landscape feature area.		Vegetation	Grass	Grass	
				Gravel	Gravel	
				Earth	Earth	
				Remnant Vegetation	Remnant Vegetation	
				Revegetation	Revegetation	
				Synthetic Grass	Synthetic Grass	
		RootBarrier	Does Root Barrier exist - Yes or No		boolean	
		Irrigated	Is Landscaped Area irrigated?		boolean	
		Geometry	The geometry representing this feature in coordinate space.		geometry_area_multipatch_complex	
Tree	Represents a tree feature. Trees may qualify as assets when	Species	The Tree Species		String_32	
	planted as street trees, or when significant specimens are	Genus	The Tree Genus		String_32	
	retained or planted as part of an open space development.	RootBarrier	Does Root Barrier exist - Yes or No		boolean	
		Grate	Does Tree Grate exist - Yes or No		boolean	
		Geometry	The geometry representing this feature in coordinate space.		geometry point_singlepoint	
Sign	Represents a sign. May also be used for transport signs	Туре	The type of Sign eg: Regulatory, Naming, Information	Traffic Control	Traffic control signs such as speed, parking, hazard, street name	
			The purpose of a sign. Applied to individual sign blades as		and guide signs. Signs with standard meanings or mandated	
			blades may have different purposes in a compound sign.		specifications as defined in a Manual of Standard Traffic Control	
					Devices relevant to a state or country should be given this value.	
					Where this value is used, then the sign feature should also be	
					attributed with the applicable standard identifying code in the	
					ModelNumber property.	
				Regulatory	Regulating non-traffic control matters such as council	
					regulations, prohibited behaviours etc.	
				Information	Providing non-traffic control information of a historical,	
					environmental or other topical nature.	
				Direction	Providing non-traffic control directions, distances or maps to	
					places of interest	
				Warning	Providing non-traffic control warning of general hazards	
				Naming	Non-traffic control sign identifying a locality, park, facility or place	
				-	of interest	
		Material	The material type of sign eg: Timber, Steel/Aluminium, Carved	Stainless Steel	Stainless Steel	
			stone	Aluminium	Aluminium	
				Timber	Timber	
				Masonry	Masonry	
				Steel Galvanised	Steel Galvanised	
				Plastic	Plastic	
				Steel Powder Coated	Steel Powder Coated	
				Glass	Glass	
		Manufacturer	The Manufacturer of the unit		String 64	
		ModelNumber	The standard code, model number or part number for the unit		String_64	
		Structure	The type of structure this sign blade is fixed to.	Post	Fixed to an existing post or pole	
		Sudclure	The type of structure this sign blade is fixed to.	Gantry	Fixed to a gantry	
				Free Standing		
					Free standing, having its own poles or supports	
				Monopole	Fixed to a monopole	
		CianText	Sign Text	Overpass	Fixed to an overpass or bridge	
		SignText			string	
		Rotation	Rotation angle (cartesian - anti-clockwise 0 degrees = East) May be used to denote direction of facing.		Float_Direction	
		Geometry	The geometry representing this feature in coordinate space.		geometry point singlepoint	

	Water Supply	DESCRIPTION	Data structure constraining information for				
ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAI	L DESCRIPTION
terServices	Represents the feature class of domestic sized water	WaterService	Represents a domestic water service feature.	Diameter_mm	Nominal diameter of the pipe in millimetres.	Minimum (Inclusive)	
	services					Value: 20 Maximum (Inclusive)	Minimum service diameter is 20mm Maximum service diameter to use this feature class is 63mm
						Value: 63	
				Material	The service pipe material.	DI	Ductile Iron
						Copper	Copper Polyethylene
						M 1	A new material not in the schema as agreed with the receiving entity
						Other	Material not currently in the schema
				Class	The service pipe class as specified by the manufacture and	Unknown PN6	Material Unknown at time of data submission Class PN6 for poly services
				oldos	relevant to the material.	PN6.3	Class PN6.3 for poly services
						PN8 PN9	Class PN8 for poly services
						PN9 PN10	Class PN9 for poly services Class PN10 for poly services
						PN12	Class PN12 for poly services
						PN12.5 PN16	Class PN12.5 for poly services Class PN16 - default for PE-100. PVC-O and PVC-M
						PN18	Class PN18 for poly services
						PN20	Class PN20 for poly services
						PN35 Type A	Class PN35 (Standard for DI) Type A for copper services
						Other	Some other service pipe class not included in the schema
						Unknown	Service class unknown at time of data submission
				Protection	Provision of conduit or other protection	Conduit No Conduit	The water service is laid in a protective conduit The water service is not in a protective conduit
						Other	Some other type of protection
						Unknown	Service protection type unknown at time of data submission
				Termination	Fitting or valve at the customer end of the service	Ball Valve No Valve	Service ends in a Ball Valve Service ends in an open pipe or blank end
						Other	Service ends in some other way
						Unknown	Service termination unknown at time of data submission
				WaterQuality	Type of water supplied through water service:Drinking water, recycled water or disused service	Drinking Water Recycled Aplus	Service supplying drinking quality water to a premises Service providing class A+ or better recycled water to a premises served by dual reticula
					recycled water of disused service	Necycleu Aplus	for toilet flushing, laundry and external use
						Recycled A	Service providing class A recycled water to a premises via dual reticulation for outdoor us
						Other	only Another use not specified in the schema
						Disused	A disused water service
						Unknown	Water service providing a type of water unknown at time of data submission
					Material length of the pipe in metres. Point geometry representing the feature in coordinate space.		Float Positive NonZero geometry_point_singlepoint
es	Represents the feature class of water supply pipes	Pipe	Represents a water supply pipe feature.	Use	The purpose of this feature in the network.	Commercial Service	Commercial Service pipes.
						Conduit	Pipe protecting a water pipe running inside it. Not hydraulically connected to the network
						Disused Fire Service	Disused Main Fire Service - usually used for private customer-owned infrastructure not owned by the w
						The outline	service provider
						Fire Domestic	Domestic Fire Service - usually used for private customer-owned infrastructure not owned
						Fire Sprinkler	the water service provider Dedicated un-metered fire sprinkler service - usually used for private customer-owned
						r ne oprinker	infrastructure not owned by the water service provider
						Fire Service Thru Meter	Metered Fire Service - usually used for private customer-owned infrastructure not owned
						Intake	the water service provider
						IIIdice	Intake pipe feeding a water treatment plant or irrigation system (usualy with non potable
						Internal	Customer owned pipe on customer side of the meter distributing water from mains to inte
						Irrigation	fixtures Irrigation Pipe - usually used for private customer-owned infrastructure not owned by the
						ingauon	water service provider
						Reticulation	Normal mains water distribution Pipe
						Scour Service	Scour main from reticulation to an outlet Used for service connections > DN63 from main to meter . Domestic Services use water
						OCI VICE	service feature class
						Trunk	Trunk Water Main being a reticulation main above a size as defined by the receiving entit
						Waste Other	Waste Pipe from a reservoir or tank Another use not specified in the schema
				WaterQuality	The quality of the water being carried by the pipe.	Drinking Water	Drinking-quality (potable) water for normal mains supply by the municipal water service
						-	provider
						Recycled Aplus	Class A+ tertiary treated with reverse osmosis recycled water for supply via dual reticula for permitted interior and exterior uses
						Recycled A	Class A tertiary treated recycled water for supply via dual reticulation for permitted extern
							uses
						Treated Effluent	Treated Effluent to class B through class D for irrigation only Rain Water collected directly into the system for irrigation
						Rain Water Raw Water	Rain Water collected directly into the system for irrigation Untreated water from a watercourse or pond used to feed a water treatment plant or irri
							system
						Ground Water	Untreated water from bores used to feed a water treatment plant or irrigation system
						Process Water Other	Non-potable process water of some description Pipe conveying some other kind of water (not recycled class B and below which is consid
							as treated sewage effluent)
						Unknown	Type of water carried by this pipe is unknown at time of submission
				Alignment m	Offset from casdastral boundary to the main.		Float Positive NonZero
				Diameter mm Material	Nominal diameter of the pipe in millimetres. The pipe material.	DI	positiveInteger Ductile Iron
				material		PVC-U	PolyVinylChloride Unplasticised
				Wetchen		PVC-U PVC-M	PolyVinylChloride Modified
						PVC-U PVC-M PVC-O ABS	PolyVinylChloride Modified PolyVinylChloride Orientated
						PVC-U PVC-M PVC-O ABS Copper	PolyVinylChloride Modified

10     Image: State of the stat	ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
No     Algebra is the first of							MS	
Image: Section of the section of t							SS	
Part of the second s								Polyethylene 100
Note     Note     Note of the second								
Image: Section of the section of t							AC	Asbestos Cement (Existing Infrastructure Only)
Image: set in the set in th								A new material not in the schema as agreed with the receiving entity
Note: A large all of a large all o								
11     Normalized instruction for maximum for maximu							Other	
Provide in the second protocol of the second protoc								
<ul> <li>Part of the second secon</li></ul>								
Pine Pine Pine Pine Pine Pine Pine Pine						refers to the wait thickness and performance of the material.	SN10000	Class SN10000
Image: Section 1       Image: Section 2       Image: Section 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>PN6</td><td></td></td<>							PN6	
Image: 1       Image: 2       Image: 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
Image: set in the set in								
Production     Production     Production     Production     Production       Prod								
Image: Section of the section of th							PN12	Class PN10
Image: set in the set in th								
Image: Provide Provid							PN16	Class PN16 - default for PE-100, PVC-O and PVC-M
Image: Section of the section of t								Class PN18
Image: set in the set in th								
Image: Provide intervention of the intervention o							FIG	
Image: second								Type A
Image: Control of the second secon								Type B
Market is in the second sec							4.8mm	4.8mm wall thickness class (Mild Steel)
Aligned     The set of control of the set of the se								
Image: Provide state of the								
And open set of the set of								
Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned     Provide States of Control     Provide States of Control     Provide States of Control       Aligned States of Control     P								
Note of the second s								10mm wall thickness class (Mild Steel)
All of the second protocols in protocols							11mm	11mm wall thickness class (Mild Steel)
Vertifyee     Production or specified in metrics       Production     Production or specified in metrics       Production     Production or specified in metrics       Production     Production or specified in metrics       Production     Production or specified in metrics       Production     Production or specified in metrics       Production     Production or specified in metrics       Production     Production or specified in metrics     Production or specified in metrics     Production or specified in metrics       Production     Production or specified in metrics     Production or specified in metrics     Production or specified in metrics <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
Ning     The factor of control of public to registery of the Part of the Par								16mm wall thickness class (Mild Steel)
Image     Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark) State       Image     Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded/on method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded in method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded in method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded in method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded in method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly coded in method supplyed on the job     Channel (Less formal (Mark) for Units House and Mark)       Pre-deter correctly co								
Abstit/yie     Part and material     Cl. Str.     Chemic land Subtrast Resulted (Pl and KG)       Number     Protection     Protection     Protection       Protection     Protection     Protection     Protection       <					Lining	The internal corrosion protection method employed on the pipe	CI	
Note::::::::::::::::::::::::::::::::::::							CL SR	
Image: Problem       File in the control or source in the data submitted in the control of the data submitted in the data submitted in the control of the data submitted in the data submit								
Image: Comparison of the							PVC	
Note: Solution of the other acconstance of the o								Fusion Bonded Epoxy
Interface       Protection network product type of provide type of pro								
Image: Section in contract production method engogies of the point								Another type of liner that is not currently in the Schema
Image: Name       Patter Windowid       Patt					Protection	The external corrosion protection method employed on the pipe		Fusion Bonded Epoxy
Optimized in particular with constant lage. Commonly a synthesis fails: byee       Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading         International Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading         International Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading         International Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading       Controme Encanading         Internation Controme Encanading       Pi 1       A new production per on the encanading enclose en						material.		
Image:							Plastic Wrapped	
Image: Section of the section of t								
Image: Section of the section of t							Tape vvrapped	
Depiny         Elsony part of control of the cont								
Image: Section 1       Part of the product of the original and a grade with the data meeting endry         Part of the p							Uncoated	Uncoated
Doph_m       The second operator is presented or an part of the first second operator is presented or an part of the data medewing entity is the data media data manoni data data media data media data media							Epoxy	Epoxy paint or coating
Image: Section of the section of t								
Depth_m     The average depth in metrics that the pipe is aborded in the above chooses     Pail       Depth_m     The average depth in metrics that the pipe is aborded in the above chooses     Pail       Depth_m     The average depth in metrics that the pipe is aborded in the above chooses     Pail       Depth_m     The average depth in metrics that the pipe is aborded in the above chooses     Pail       Depth_m     The average depth in metrics that the pipe is aborded in the above chooses     Pail       Depth_m     The average depth in metrics that the pipe is aborded in the above chooses     Pail       Depth_m     The average depth in metrics that the pipe is aborded. This accord is a unission on concrete support     Pail       Depth_m     The average depth in metrics that the pipe is aborded. This accord is a unission on concrete support     Pail       Depth_m     The average depth in metrics that the pipe is aborded. This accord is a unission on concrete support     Pail       Depth_m     The average depth in metrics that the pipe is aborded. This accord is a unission on concrete support     Pail       Depth_m     The average depth in metrics that the pipe is aborded. This accord is a unission on concrete support     Pail       Depth_m     The average depth in metrics that the pipe is aborded. This accord is a unission on concrete support     Pail       Depth_m     The average depth in metrics that the pipe is aborded pipe support is a unission on concrete support     Pail       D								
Joint Type       Notes of the submost time of data submission         Joint Type       Pope jointing method employed.       RBJ       Abder Hing         Joint Type       Pope jointing method employed.       RBJ       Dates Hing         Joint Type       Pope jointing method employed.       RBJ       Dates Hing         Joint Type       Pope jointing method employed.       RBJ       Dates Hing         Joint Type       Pope jointing method employed.       RBJ       Dates Hing         VB       Perspective       Pope jointing method employed.       RBJ       Dates Hing         VB       Perspective       Pope jointing method employed.       RBJ       RBJ       RBJ         VB       Perspective       Perspective       Perspective       Perspective       Perspective         Dopth_In       The twenge dopth in metrics that the pipe is build. The twenge dopth in metrics that the pipe is build. The metrics of comparison jublicity on advective in dates downession       A provide of the submet and the of data submission         Dopth_In       The twenge dopth in metrics that the pipe is build. The submet and the of data submission       Popel         Dopth_In       The twenge dopth in metrics that the pipe is build. The diversion of dates y builded in the sobrem colores       Popel         Company       The dimeter typees.       GBH       Respect							Zinc-Aluminium Allov	Zinc Aluminium allov coating (Petair Saint-Gobain)
JointType     Pep jointing method employed.     Refl.y     Rother type of protection not covered by the schema       JointType     Pep jointing method employed.     Refl.y     Rother Time of the schema       Refl.y     Rother Time of the schema     Refl.y     Rother Time of the schema       Refl.y     Rother Time of the schema     Refl.y     Rother Time of the schema       Refl.y     Rother Time of the schema     Refl.y     Rother Time of the schema       Refl.y     Rother Time of the schema     Refl.y     Rother Time of the schema       Refl.y     Rother Time of the schema     Refl.y     Rother Time of the schema       Refl.y     Rother Time of the schema     Rother Time of the schema     Rother Time of the schema       Refl.y     Rother Time of the schema     Rother Time of the schema     Rother Time of the schema       Refl.y     Rother Time of the schema     Rother Time of the schema     Rother Time of the schema       Refl.y     Rother Time of the schema     Rother Time of the schema     Rother Time of the schema       Refl.y     Rother Time of the schema     Rother Time of the schema     Rother Time of the schema       Rother Time of the schema     Rother Time of the schema     Rother Time of the schema     Rother Time of the schema       Rother Time of the schema     Rother Time of the schema     Rother Time of the schema     Rother Tim								
JeinType       Pipe jointing mathod emptoyed.       RRJ RIJ NUMER Programmed and informational durit (Duckle from) SW1 Weiter Aud Strange durit Weiter Aud Strange durit Wei							Other	Another type of protection not covered by the schema
SWU       S					JointType	Pipe jointing method employed.	RRJ	Rubber Ring
Pair of the second of the s								Rubber Ring Restrained Joint (Ductile Iron)
File								
NCJ       Meclanical Compression. Joint (PE pipe)         With Weit (PE pipe)       But Weit (PE pipe)         Final       Interview         Pepth_m       The average depth in metres that the pipe is buried. This measure is useful in most residential developments. but with per another of data submission       Interview         Depth_m       The average depth in metres that the pipe is buried. This measure is useful in most residential developments. but with be less reliable in sharpy changing terrain or where significant cuts and filts have been applied. Where been applied. Where been applied. The average depth in metres that the pipe is buried. This measure is useful in most residential development cuts and filts have been applied. The average depth in metres that the pipe is buried. This measure is useful in most residential development cuts and filts have been applied. The average depth in metres that the pipe is buried. This measure is useful in most residential development cuts and filts have been applied. The average depth in metres that the pipe useful indicate exposed or suspended pipes above the surface.       Float         Embedment       Embedment types.       GBH       GBH       GBH       GBH         GBS Granult bed and surround on concret support GBSnofTPe       Granult bed and surround on concret support GBSnofTPe       Granult bed and surround on concret support GBSnofTPe       Granult bed and surround on period extert pipe Where the and surround on period extert pipe Where the advect pipe         GBS Granult bed and surround on period to be advect the piblic Unit Concret bed and surround on period extert pipe       GBSnofTPe       Granu								
Embedment       Embedment Upes.       Natural GBS of Carrier bed and surround on piles or a bridge deck:       Natural Carrier bed and surround on piles or a bridge deck:							MCJ	Mechanical Compression Joint (PE pipe and Copper)
Image: Section 1       Image: Section 2       Image: Section 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>BW</td><td>Butt Weld (PE pipe)</td></td<>							BW	Butt Weld (PE pipe)
Image: Control of the second secon								Electrofusion Weld (PE pipe)
Image: Constraint of the second of the se							JI_1	A new joint type not yet included in the Scheme weed by appreciate with the reaction and
Image: Control of the set of the se								A new joint type not yet included in the Schema Used by agreement with the receiving entity.
Depth_m       The average depth in meters that the developments, but will be the same sciencing in starty in motions in the size scient in motions, but will be thess reliable in sharpy changing terrai or where significant cuts and flits have been applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied. Negative depths may be used to indicate science in applied.       Natural       Pipe laid directly on natural in-stu material         Embedment       Embedment types.       Embedment types.       Natural       GBN       Granular bed and surround on concrete support         GBSonConc       Granular bed and surround on concrete science in applied.       GBSonConc       Granular bed and surround on concrete science in applied.         GBSonConc       Genetitistabilised bed and surround on pi								
Image: Provide a start of the start of					Depth_m	The average depth in metres that the pipe is buried. This		
Image: Section of the section of th						measure is useful in most residential developments, but will be		
Image: indicate exposed or suspended pipes above the surface.       Natural       Pipe laid directly on natural in-situ material         Embedment       Embedment types.       SB       Granular bed and hunch.         GBS       Granular bed and surround       GBS       Granular bed and surround on concrete support         GBSonGTP       Granular bed and surround on geo-textile pillow       GBSonGSP         GBSonGPIP       Granular bed and surround on cement stabilised support         GBSonGSP       Granular bed and surround on cement stabilised support         GBSonGSP       Granular bed and surround on cement stabilised support         GBSonGSP       Granular bed and surround on cement stabilised support         GBSonGSP       CornelStorPiles         ConcBSOnPiles       Concrete bed and surround on piles         ConcBSOnPiles       Concrete bed and surround on piles         Enveloped       Within an enveloper pile						less reliable in sharply changing terrain or where significant cuts		
Embedment     Embedment types.     Natural     Pipe laid directly on natural in-situ material       GBH     Granular bed and surround       GBS     Granular bed and surround on geo-textle pillow       GBS     GBSonCSS       GBSonPiles     Granular bed and surround on geo-textle pillow       GBSonPiles     Cornents tobalised bed and surround on piles       ConceBSonPiles     Concrete bed and surround on piles       Enveloped     Within an enveloper pile								
GBH Granular bed and surround GB Granular bed and surround GBSon/GTP Granular bed and surround on geo-textile pillow GBSon/GTP Granular bed and surround on geo-textile pillow GBSon/SS Granular bed and surround on cement stabilised support GBSon/SS Granular bed and surround on cement stabilised support GBSon/SS Granular bed and surround on cement stabilised support GBSon/SINes Granular bed and surround on geo- GBSon/SINES Cement stabilised bed and surround on geo CemSts Stabilised bed and surround on geo ConcelSS Concrete bed and surround on geos ConcelSS Concrete bed and surround on geos Enveloped Within an enveloper on pies or a bridge deck						indicate exposed or suspended pipes above the surface.		
GBH Granular bed and surround GB Granular bed and surround GBSonGCTP Granular bed and surround on geo-textile pillow GBSonGTP Granular bed and surround on geo-textile pillow GBSonGSS Granular bed and surround on cement stabilised support GBSonFibes Granular bed and surround on cement stabilised support GBSonFibes Granular bed and surround on cement stabilised support GBSonFibes Granular bed and surround on geo GBSonFibes Granular bed and surround on geo GBSonFibes Granular bed and surround on geo GBSOnFibes Concrete bed and surround on geo GoncBSOnFibes Concrete bed and surround on geo Grants Grants Gran					Embedment	Embedment types	Natural	Pine laid directly on natural in-situ material
GBS       Granular bed and surround         GBSonConc       Granular bed and surround on concrete support         GBSonGTP       Granular bed and surround on concrete support         GBSonCSS       Granular bed and surround on cement stabilised support         GBSonCSS       Granular bed and surround on cement stabilised support         GBSonCSS       Granular bed and surround on piles         CemStabBS       Cement stabilised bed and surround         ConcBS       Cement stabilised bed and surround         ConcBS       Concrete bed and surround         ConcBSonPiles       Concrete bed and surround         Enveloped       Within an enveloper pile					Emosamont	Emocument types.	GBH	
GBSonCore       Granular bed and surround on congretative point         GBSonCore       Granular bed and surround on congretative point         GBSonCore       Granular bed and surround on cement stabilised support         GBSonCore       Granular bed and surround on cement stabilised support         GBSonCore       Granular bed and surround on cement stabilised support         GBSonCore       Granular bed and surround on piles         GBSonCore       Granular bed and surround on piles         GBSonCore       Concets bed and surround on piles         ConcetSonPiles       Concrete bed and surround on piles         ConcetSonPiles       Concrete bed and surround on piles         Enveloped       Within an enveloper ouround on piles or a bridge deck								
GBSonCBS Granular bed and surround on cement stabilised support GBSonCBS Granular bed and surround on piles CemStabBS Cement stabilised bed and surround ConcBS Concrete bed and surround ConcBSOnPiles Concrete bed and surround on piles ConcBSOnPiles Concrete bed and surround on piles Enveloped Within an enveloper pine isr or a bridge deck							GBSonConc	Granular bed and surround on concrete support
GBSonPiles       Granular bed and surround on piles         CemStabBS       Cement stabilised and surround         ConceRS       Concerts tabilised and surround         ConcBS       Concerts tabilised and surround         ConcBS       Concerts tabilised and surround         ConcBS       Concrets tabilised and surround         ConcBSonPiles       Concrets tabilised and surround on piles         Enveloped       With in an enveloper ourund on piles or a bridge deck							GBSonGTP	Granular bed and surround on geo-textile pillow
CemstabBS     Cement stabilised bed and surround       ConcBS     Concet and surround       ConcBSonPiles     Concrete bed and surround on piles       Enveloped     Within an enveloper pile       Enveloped     Within an enveloper pile								
ConcBS     Concrete bed and surround       ConcBSonPiles     Concrete bed and surround on piles       Envelope     Withia an are up to piles       Above Ground     Pile is above around on piles or a bridge deck							GBS0nPiles CemStabBS	
ConcBSonPiles Concrete bed and surround on piles Enveloped Within an enveloper ourd Above Ground On pilers or a bridge deck							ConcBS	Concrete bed and surround
Enveloped Within an enveloper pipe Above Ground Pipe is above ground on piers or a bridge deck								
Above Ground Pipe is above ground on piers or a bridge deck	1						Enveloped	
None Thrust bored or Trenchless method							Above Ground	Pipe is above ground on piers or a bridge deck
	1						None	Thrust bored or Trenchless method

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	
						Unknown Other EB_1 EB_2	Embedment Type unknown at time of data submission Another type of embedment type that is not already includesd in the standard types A non-standard or new type of embedment as agreed with the data receiving entity A non-standard or new type of embedment as agreed with the data receiving entity
					Material length of the pipe in metres. Polyline representing the geometry of the feature in coordinate		Float Positive NonZero geometry_linear_singlepath_simple
				-	space.		
Valves	Represents the feature class of water supply valves	Valve	Represents a water supply valve feature.	Use	The purpose of the valve in the network.	Stop Scour Diversion Zone Boundary Flow Control Pressure Control Gas Release Other	A valve allowing flow in only one direction of types Generic, Rubber Gate, Swing Check Wafer of RPZ A valve to prevent flow down a pipe. A valve to its opened to scour a water main A valve the main function of which is to select an alternative flow path A valve normally closed to separate water supply zones A valve used to control or stop the rate of flow A valve designed to control the pressure in a water supply system of types Overflow, Pressure Relef. Altitude Valve. or Vaccum Release A valve used to purce air or cas from the high points of a water pipeline A valve used to purce air or cas from the high points of a water pipeline A valve used to purce air or cas from the ischema
				Туре	The type of valve.	Service Generic NR Rubber Gate Swing Check Wafer RPZ Gate Butterfly Knife Gate Eccentric Plug Globe Bail Valve Bail Valve Vee Ported Ball Control Overflow Pressure Relief Pressure Relief Pressure Relief Pressure Relief	A valve controlling flow between a water main and a water service A generic type of non return valve A rubber gate type non-return valve A water type non-return valve A water type non-return valve An Reduced Pressure Zone type non return valve A standard gate valve Butterfly Valve. An eccentric plug type control Valve Globe Valve A ball valve for flow control A vee-ported ball valve A generic or unknown type of control valve An pressure releasing valve A pressure sustaining valve A tracture Valve.
						Air Valve Special	Air valve for gas or air release A special type of valve not specified elsewhere in the schema
				Diameter mm	The nominal bore diameter of the valve.		positiveInteger
				Manufacturer	The Manufacturer of the unit		String 64
				ModelNumber Rotation	The standard code, model number or part number for the unit Rotation angle (cartesian - anti-clockwise 0 degrees = East)		String 64 Float Direction
				WaterQuality	The quality of the water in the network the valve is part of.	Drinking Water	Drinking-quality (potable) water for normal mains supply by the municipal water service
					Point geometry representing the feature in coordinate space.	Recycled Aplus Recycled A Treated Effluent Rain Water Raw Water Ground Water Process Water Other Unknown	provider Class A tertiary treated with reverse osmosis recycled water for supply via dual reticulation for permitted interior and exterior uses Class A tertiary treated recycled water for supply via dual reticulation for permitted exterior uses Treated Effluent to class B through class D for irrigation only Raih Water collected directly into the system for irrigation System Untreated water from a watercourse or pond used to feed a water treatment plant or irrigation system Non-potable process water of some description Pipe conveying some other kind of water (not recycled class B and below which is considered as treated sewage effluent) Type of water carried by this pipe is unknown at time of submission geometry point singlepoint
Hydrants	Represents the feature class of water supply hydrants	Hydrant	Represents a water supply hydrant feature.	Use	The purpose of the hydrant in the network.	Spring	Spring Hydrant.
						Filling Point Pillar	Hydrant (usually of spring type) with a metered standpipe semi-permanently in place. Pillar Hydrant.
					The nominal bore size of the hydrant.		positiveInteger
Meters	Represents the feature class of water supply meters	Meter	Represents a water supply meter feature.	Rotation WaterQuality	Rotation angle (cartesian - anti-clockwise 0 degrees = East) The quality of the water being delivered through the hydrant. Point geometry representing the feature in coordinate space. The manufacturers serial number, as stamped or fixed on the meter.	Drinking Water Recycled Aplus Recycled A Treated Effluent Rain Water Raw Water Ground Water Process Water Other Unknown	Distribution Distribution Distribution Distribution Distribution Class A+ tertiary treated with reverse osmosis recycled water for supply via dual reticulation for permitted interior and exterior uses Class A tertiary treated recycled water for supply via dual reticulation for permitted exterior uses Class A tertiary treated recycled water for supply via dual reticulation for permitted exterior uses Treated Effluent to class B through class D for irrigation only Rain Water collected directly into the system for irrigation outreated water from a water course or pond used to feed a water treatment plant or irrigation system Untreated water from bores used to feed a water treatment plant or irrigation system Non-potable process water of some description Pipe conveying some other kind of water (not recycled class B and below which is considered as treated sewage effluent) Type of water carried by this pipe is unknown at time of submission geometry point singlepoint String_64
					meter.		
					Configuration of the meter. The nominal bore diameter of the meter.	Irrigation Conventional Manifold Magflow Turbine Other Unknown	Small in-line meter used in irrigation systems to give a general indication of flow volumes but not at the accuracy needed for billing or control Standard volumetric meter Meter with built-in valve Electro-magnetic Metering System with no moving parys Meter using a turbine or moving value to measure flow Another unspecified type of water meter Meter type unknown at time of data submission positiveInteger
					The number of dials on the reading face.		positiveInteger

				The Manufacturer of the unit		String 64
			ModelNumber	The standard code, model number or part number for the unit		String 64
			InitialReading DriveteReaster	The reading on the meter face at the time of installation.		integer
			PrivateBooster	True indicates that the meter is associated with a private pressure boosting system.		boolean
			OffsetSide	Is the offset from the left or the right side boundary when	Left	Left hand side
				looking from the road.	Right	Right hand side
			Offset_m	The distance in metres to measure along the frontage from the		Float_Positive_Zero
			InstallationDate	indicated side. Installation Date of the meter. ISO 8601 is the accepted format.		date
			LotNo	The lot number as described on the originating survey plan		String 32
			PlanNo	The plan number of the originating survey plan.		String 32
			Rotation	Rotation angle (cartesian - anti-clockwise 0 degrees = East)		Float Direction
			WaterQuality	The quality of the water being metered.	Drinking Water	Drinking-quality (potable) water for normal mains supply by the municipal water service
					Recycled Aplus	provider Class A+ tertiary treated with reverse osmosis recycled water for supply via dual reticulation
						for permitted interior and exterior uses
					Recycled A	Class A tertiary treated recycled water for supply via dual reticulation for permitted exterior uses
					Treated Effluent	Treated Effluent to class B through class D for irrigation only
					Rain Water	Rain Water collected directly into the system for irrigation
					Raw Water	Untreated water from a watercourse or pond used to feed a water treatment plant or irrigation
					One was distant	system Untreated water from bores used to feed a water treatment plant or irrigation system
					Ground Water Process Water	Non-potable process water of some description
					Other	Pipe conveying some other kind of water (not recycled class B and below which is considered
						as treated sewage effluent)
					Unknown	Type of water carried by this pipe is unknown at time of submission
The second state of the se	Cittin	Dennese the subscript of the state of the st	Geometry	Point geometry representing the feature in coordinate space.	Deniel	geometry point singlepoint
Fittings Represents the feature class of water supply fittings	Fitting	Represents a water supply pipe fitting, other than a valve, meter or hydropt	Туре	The fitting type.	Bend Connector	Bend, a fitting not a recurved pipe that changes the direction of a pipeline
		meter or hydrant			Connector Cross Connection	A straight through connector with no change of direction A cross connection with 4 branches
					Connector Thrust	A straight through connector with no change of direction capable of transmitting axial thrust to
						the pipeline or a structure
					Dismantling Joint	A straight connector specifically included to facilitate the dismantling of complex flanged
					Cihault	pipework and valves. Standard gibault connection
					Gibault Taper	Taper. Joining pipes of unequal diameter.
					Tee	T - Joint with 3 arms one of which is at right angles to the axis joining the other 2.
					Wye	Y - Joint with 3 arms where the angle between any 2 arms is not 90 or 180 degrees
					Cathodic Protection Point	Electrical connection point for cathodic protection Blank flange on the end of a flanged pipe or fitting
					External Dead End Tee Branch Dead End	Fitting such as an endcap that forms a dead end in a pipe run A dead end plate pre-fitted to one branch of a Tee for access or future connection
						Dead end on a Tee fitting with a side branch of extended length
					Puddle Flange	Puddle Flange on pipe to transmit thrust or seal pipe into a structure
					Ready Tap	Ready Tap collar with prefabricated water service take off points
					Sampling Point Booster Pump	Sampling Point to sample water quality Booster Pump to boost pressure or provide motive force to water in the network
					Surge Vessel	Surge Vessel fitted to control surge pressures (water hammer)
					Tapping Band	Tapping Band for the off-take of a water service from a main
					Flush Point	Flush Point
			Material	The fitting material.	Saddle ABS	Saddle Acrylonitrile Butadiene Styrene
			Watchar	The namy matchai.	Brass	Brass
					Copper	Copper
					DI	Ductile Iron
					MS	Mild Steel
					PVC PE	PolyVinylChloride Polyethylene
					PE AC M_1 M_2	Asbestos Cement - Existing Infrastructure Only
					M_1	A new material not in the schema as agreed with the receiving entity
					M_2 Other	A new material not in the schema as agreed with the receiving entity
					Other Unknown	Another material not in the Schema Material unknown at time of data submission
			Lining	The internal corrosion protection method employed on the fitting	CL	Cement Lined normal (default for Ductile Iron and Mild Steel)
			, in the second s	material.	CL SR	Cement Lined - Sulphate Resistant (DI and MS)
					CL AC	Cement Lined - Calcium Aluminate (DI and MS)
					PVC FBE	Plasticised PVC (includes Humes Plastiline) Fusion Bonded Epoxy
					FBE Unlined	Fusion Bonded Epoxy Unlined
					Unknown	Lining type unknown at time of data submission
				-	Other	Another type of liner that is not currently in the Schema
			Protection	The external corrosion protection method employed on the	FBE FBPE	Fusion Bonded Epoxy Fusion Bonded Polyethelene (Includes the product known commercially as Sintakote)
				fitting material.	Plastic Wrapped	Pusion Bonded Polyethelene (Includes the product known commercially as Sintakote) Plastic Wrapped
					Concrete Encased	Concrete Encased
					Tape Wrapped	Wrapped in pipe and flange protection anti-corrosion tape. Commonly a synthetic fabric tape
						coated with a neutral petrolium compound.
					Uncoated	Uncoated Epoxy paint or coating
					Epoxy P 1	Epoxy paint or coating A new protection type not yet in the schema as agreed with the data receiving entity
					P 1 P 2	A new protection type not yet in the schema as agreed with the data receiving entity A new protection type not yet in the schema as agreed with the data receiving entity
					Zinc	Galvanized or zinc painted
					Zinc-Aluminium Alloy	Zinc Aluminium alloy coating (Petair Saint-Gobain)
					Unknown	Protection type unknown at time of data submission
			BodySize_mm	The nominal diameter of the largest pipe entering the fitting.	Other	Another type of protection not covered by the schema positiveInteger
			553y0120_11111	Although not constrained, software may use the simpleType		pourroundage
				water_fittings_boresize for a starting list of values		
		1				

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	
					The nominal diameter of the smallest pipe entering the fitting. Although not constrained, software may use the simple Type water fittings boresize for a starting list of values		positiveInteger
					Rotation angle (cartesian - anti-clockwise 0 degrees = East) The quality of the water being carried by the network to which		Float Direction Drinking-quality (potable) water for normal mains supply by the municipal water service
					the fitting is a part		provider
						Recycled Aplus	Class A+ tertiary treated with reverse osmosis recycled water for supply via dual reticulation
						Recycled A	for permitted interior and exterior uses Class A tertiary treated recycled water for supply via dual reticulation for permitted exterior
							uses Treated Effluent to class B through class D for irrigation only
						Rain Water	Rain Water collected directly into the system for irrigation Untreated water from a watercourse or pond used to feed a water treatment plant or irrigation
						o	system Untreated water from bores used to feed a water treatment plant or irrigation system
							Non-potable process water of some description
						Other	Pipe conveying some other kind of water (not recycled class B and below which is considered
							as treated sewage effluent) Type of water carried by this pipe is unknown at time of submission
				Geometry	Point geometry representing the feature in coordinate space.		geometry_point_singlepoint
		MaintenanceHole	Represents a water supply maintenance access hole feature.		Purpose of Water maintenance hole.	Valve Pit	Valve Pit
	access holes						Valve Pit that is no longer used Valve Pit that houses a combination of valves and other equipment
							Pit housing a pressure regulation or surge control device
						Pump Station	Water pumping station
							Pit used during construction that is no longer used but has been left in place Valve Pit with some other use not provided for in the schema
						Unknown	Valve Pit of a type that is unknown at time of data submission
					Data structure describing the chamber configuration and		Data container for rectangular dimensions.
					dimensions.	Circular	Data container for circular dimensions.
					The height of the top surface of the lid, hatch, rim or roof. Surface level in metres against the vertical datum for this		Float
				InvertLevel_m	project. The height of the top surface of interior floor/bottom. Invert level		Float
					in metres against the vertical datum for this project. Method of chamber construction.	Prefabricated	Prefabricated
				r iour construction	Method of chamber construction.	Insitu	Built or poured in-situ
				FloorMaterial	Material type for chamber floor construction.		PolyVinyIChloride
						PE PP	Polyethylene Polypropylene
							Glass Reinforced Plastic
							Concrete
						M_1 M 2	A new material not in the schema as agreed with the receiving entity A new material not in the schema as agreed with the receiving entity
						Other	Another material not included in the Schema
							Material unknown at time of data submission
				WallConstruction	Method of chamber wall construction.		Prefabricated Built or poured in-situ
				WallMaterial	Material type for chamber wall construction.	PVC	PolyVinyIChloride
							Polyethylene Polypropylene
							Glass Reinforced Plastic
							Concrete
							A new material not in the schema as agreed with the receiving entity A new material not in the schema as agreed with the receiving entity
						Other	Another material not included in the Schema
				Destated			Material unknown at time of data submission
				RoofMaterial	Material type for chamber roof construction.	PVC PE	PolyVinylChloride Polyethylene
						PP	Polypropylene
							Concrete Mild Steel
							Mild Steel Stainless Steel
						Aluminium	Aluminium
							Cast Iron Frame Grid Mesh - GRP
						Grid Mesh - Aluminum	Grid Mesh - GRP Grid Mesh - Aluminium
						Grid Mesh - SS	Grid Mesh - Stainless Steel
							No Roof A new roof material not in the schema as agreed with the receiving entity
						M_1 M_2	A new roof material not in the schema as agreed with the receiving entity A new roof material not in the schema as agreed with the receiving entity
						Other	Another roof material not included in the Schema
				LidMaterial	Chamber lid configuration and material.		Roof material unknown at time of data submission Aluminium
				LigivialChai	onamosi na contiguration anu material.	Cast Iron	Cast Iron
						CI Conc Infill	Cast Iron Concrete Infill
							Concrete Glass Reinforced plastic
						PVC	PolyVinylChloride
						PE	Polyethylene
						PP MS	Polypropylene Mild Steel
						SS	Stainless Steel
						M 1	A new lid material not in the schema as agreed with the receiving entity
							A new lid material not in the schema as agreed with the receiving entity Valve pit is open topped and has no lid
						Other	Another lid material not included in the Schema
				<b>D</b> ( ) (		Unknown	Lid material unknown at time of data submission
					Rotation angle (cartesian - anti-clockwise 0 degrees = East) Point geometry representing the feature in coordinate space.		Float Direction geometry point singlepoint
			Represents a water service fitting feature.	Coomony	The type of service fitting		Irrigation control panel which may or may not be hydraulically connected

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION		DESCRIPTION
						Dog Bowl Drinking Fountain Drip Line Fountain Decorative Filling Station Filter Goose Neck Hot Water System Nipple	Fixed animal drinking bowl attached to customer owned water connection Drinking Fountian or bubbler to provide drinking water to patrons Fixed perforated pipe for drip irrigation A decorative fountain Card-accessed water delivery point for commercial access In line filter to prevent irrigation line blockages Downward pointing outlet on a vertical riser Hot Water System. Normally attached to a structure. Simple riser or short length of small bore pipe providing a point of discharge
						Other Pop Up Sprinkler Shower Spray Nozzle Tap	Some other irrigation fitting - do not use for pipe fittings, valves pumps etc as these exist in other feature classes Pop-up type sprinkler head Open air public shower point, such as may be found at beachside parks Fixed Irrigation sprayer, sprinkler, bubbler or drip nozzle Water delivery tap. Not a stopcock or control valve
					Is the fitting below ground		boolean
					Does the fitting employ waste minimisation technology (other than auto shut-off)		boolean
					Does the fitting employ auto shut-off technology		boolean
					Rotation angle (cartesian - anti-clockwise 0 degrees = East)		Float Direction
					The quality/source of the water being supplied through the service fitting.	Drinking Water	Drinking-quality (potable) water for normal mains supply by the municipal water service provider
						Recycled Aplus	Class A+ tertiary treated with reverse osmosis recycled water for supply via dual reticulation for permitted interior and exterior uses
						Recycled A	Class A tertiary treated recycled water for supply via dual reticulation for permitted exterior uses
						Treated Effluent Rain Water	Treated Effluent to class B through class D for irrigation only Rain Water collected directly into the system for irrigation
						Raw Water	Untreated water from a watercourse or pond used to feed a water treatment plant or irrigation system
						Ground Water	Untreated water from bores used to feed a water treatment plant or irrigation system
						Process Water Other	Non-potable process water of some description Pipe conveying some other kind of water (not recycled class B and below which is considered
							as treated sewage effluent)
						Unknown	Type of water carried by this pipe is unknown at time of submission
Otomo v Tombo	Depresents the feature class of water storage '	SteregeTenk	Represente o demostie storese tank facture last-dff		Point geometry representing the feature in coordinate space.	Directio	geometry point singlepoint
StorageTanks	Represents the feature class of water storage points	-	Represents a domestic storage tank feature. Includes roofwater storage not fed from mains service.	material	The material that the storage tank is made from.	Plastic Steel	Plastic Steel
			Not to be used for bulk storage features that are part of the mains distribution network.			Concrete Other	Concrete Tank made from another material not in the schema
						Unknown	Tank material is unknown
				Source	The source of water in the tank.	Rain Water	Roof water catchment
						Ground Water	Ground water extracted from a bore
						Ponded Water	Ponded water pumped from a surface water catchment
					new and a state to	Mains Service	Drawn from a mains water supply service
					The Manufacturer of the unit		String 64
					The standard code, model number or part number for the unit		String 64
					The effective volume in cubic metres.		Float Positive NonZero Float Direction
					Rotation angle (cartesian - anti-clockwise 0 degrees = East)		
				Geometry	Point geometry representing the feature in coordinate space.		geometry_point_singlepoint

SET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
enanceHoles	Element representing the feature class of Sewerage Maintenance Holes (formerly	MaintenanceHole	Element representing a sewerage Maintenance Hole (formerly Manhole).	Use	Use or purpose of this MaintenanceHole in the network	Overflow	Maintenance Hole with an overflow to the environment, receiving waters or an emergency storage
	Manholes)					Blank End	Maintenance hole with no incoming connection
						Pump Station	Pit housing a sewer pump station
						Valve Pit	Access Pit for a Sewer Valve
						Grit Collector MH	Grit Collector Maintenance Hole
						Outlet Rising Main Discharge MH	Outlet
						Vacuum Sewerage Pump	A sewer MH that is the recieiving MH for a rising main discharge
						Station	A pit housing a Vacuum Sewerage Pump Station
						Vacuum Sewerage MH	A Maintenance Hole on a vacuum system with incoming house connections o
							sewers that may also containing a vacuum valve
						Vacuum Lift	A chamber on a vacuum system containing a lift or vacuum valve but no incol laterals
						Storage Tank	An off-stream sewage storage tank for emergency or other use
						Maintenance Hole	A standard Sewerage Maintenance Hole also known as a Manhole
						Maintenance Shaft	A proprietary Maintenance Hole usually prefabricated and of smaller diameter
							standard MH
						Temporary Works	A shaft used during construction that is left in place but does not form part of infrastruture
						TEP	Terminal Entry Point type shaft
						Unknown	Chamber of unknown use at time of data submission
						Other	Type of maintenance structure other than those used as standard in the Sche
				ChamberSize	Data structure describing the chamber configuration and	Rectangular.Length_mm	Data container for rectangular dimensions. Length in millimetres.
					dimensions.	Rectangular.Width_mm Circular.Diameter mm	Data container for rectangular dimensions. Width in millimetres. Data container for circular dimensions. Diameter in millimetres.
						Custom.Area_sqm	Custom Shaped chamber. Such a feature should be associated with a plan o
							document describing its layout and dimensions. Area in square metres.
				SurfaceLevel_m	The height of the top surface of the lid, hatch, rim or roof. Surface level in metres against the vertical datum for this project.		fioat
				InvertLevel_m	The height of the top surface of interior floor/bottom. Invert level in metres against the vertical datum for this project.		float
				FloorConstruction	Method of chamber floor construction.	Prefabricated	Prefabricated
				FloorMaterial	Material type for chamber construction	Insitu Concrete	Built or poured in-situ Concrete
				FIOOIMaterial	Material type for chamber construction	FRP	Fibre Reinforced Concrete
		GRP C PE F					Glass Reinforced Plastic
			Polyethylene				
						PP	Polypropylene
						PVC M_1	Poly Vinyl Chloride A new material not yet in the Schema as agreed with the receiving entity
						M 2	A new material not yet in the Schema as agreed with the receiving entity
						Unknown	Material is unknown at time of data submission
						Other	Another material not included in the Schema
				WallConstruction	Method of chamber wall construction.	Prefabricated Insitu	Prefabricated Built or poured in-situ
				WallMaterial	Material type for chamber wall construction	Concrete	Concrete
						FRP	Fibre Reinforced Concrete
						GRP	Glass Reinforced Plastic
						PE PP	Polyethylene Polypropylene
						PVC	Poly Vinyl Chloride
						M_1	A new material not yet in the Schema as agreed with the receiving entity
						M_2	A new material not yet in the Schema as agreed with the receiving entity
						Unknown Other	Material is unknown at time of data submission Another material not included in the Schema
				RoofMaterial	Material type for chamber roof construction	PVC	Poly Vinyl Chloride
				. toomatoriai		PE	Polyethylene
						PP	Polypropylene
						Concrete	Concrete
						FRP MS	Fibre Reinforced Concrete Mild Steel
						SS	Stainless Steel
						Aluminium	Aluminium
						Cast Iron	Cast Iron
						Grid Mesh - GRP Grid Mesh - Aluminium	Grid Mesh - GRP Grid Mesh - Aluminium
						No Roof	No Roof
						Grid Mesh - SS	Grid Mesh - Stainless Steel
						M 1	A new material not yet in the Schema as agreed with the receiving entity
						M_2	A new material not yet in the Schema as agreed with the receiving entity
						Unknown Other	Material is unknown at time of data submission Another material not included in the Schema
				Lining	Material type of chamber lining	PVC	Poly Vinyl Chloride
						Epoxy	Epoxy
						Polyurea	Polyurea
						PE	Polyethylene

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION		DESCRIPTION
						M 1	A new lining material not yet in the Schema as agreed with the receiving entity
						M_2	A new lining material not yet in the Schema as agreed with the receiving entity
						Unknown	Material is unknown at time of data submission
						Unlined Other	An alternative to entering a null value where there is no lining
				LidMaterial	Chamber lid configuration and material	Cast Iron	Another lining material not included in the Schema Cast Iron
				Lidiviateriai	Chamber no configuration and material	Cast Iron	Default Value
						Aluminium	Aluminium
						CI Concrete Infill	Cast Iron with Concrete Infill
						Composite	Composite
						Concrete	Concrete
						DI	Ductile Iron
						PVC	Poly Vinyl Chloride
						PE	Polyethylene
						PP MS	Polypropylene Mild Steel
						SS	Stainless Steel
						No Lid	This structure has no lid (possibly because it has no roof)
						M_1	A new lid material not yet in the Schema as agreed with the receiving entity
						M 2	A new lid material not yet in the Schema as agreed with the receiving entity
						Unknown	Lid Material is unknown at time of data submission
						Other	Another lid material not included in the Schema
				DropType	Chamber drop types	Straight Through MH	Straight through MH with one entry, one exit, no change of direction, no backdrop but
							may have change of grade
						Change In Direction	Straight through MH with one entry, one exit, no backdrops, a change of direction and may also have change of grade
						Through MH External Drop	MH with one or more external backdrop vertical entries
						Alternative External Drop	Alternative drop type with complex access arrangement or modified benching as
						Alternative External Drop	shown on WSAA drawing SEW-206
						Internal Drop	MH with one or more internal backdrop vertical entries
						Oblique 45deg Backdrop	MH with an oblique 45° backdrop entry
				CatchmentPS	The identifier of the pumpstation that this node flows to.		String 32
				LineNumber	The identifier of the line that this node connects to		String_32
				MH_Number	The identifier of this manhole or pit.		String 32
				Chainage m	The distance upstream from end of line.		Float Positive NonZero
				TieDistance_m OffsetDistance_m	The tie distance in metres to a cadastral corner The offset distance in metres from a cadastral boundary		Float Positive NonZero Float Positive NonZero
				Rotation	Rotation angle (cartesian - anti-clockwise 0 degrees = East)		Float Direction
							-
				Geometry	The geometry representing this feature in coordinate space.		geometry_point_singlepoint
	Element representing the feature class of	PipeNonPressure	Element representing a sewer pipe non-pressurised.	LineNumber	The sewer line identifier		String 32
	Sewerage Pipes Non-Pressure		Includes all gravity reticulation and trunk gravity mains.	Use	The function of this pipe in the network.	Conduit Pipe	Conduit Pipe (enveloper), which does not connect hydraulically with the reticulation
						Distant	system
						Disused Effluent	Non-pressure (gravity) pipe that is no longer in use but still present Pipe conveying treated effluent (usually from a treatment plant)
						Overflow	A pipe that directs excessive sewer flows to another system or the external
						Overflow	A pipe that directs excessive sewer flows to another system or the external environemnt
							A pipe that directs excessive sewer flows to another system or the external
						Overflow	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam
						Overflow Reuse Stub	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission
						Overflow Reuse Stub Trunk	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition
						Overflow Reuse Stub	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey
						Overflow Reuse Stub Trunk Vent	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey sewage
						Overflow Reuse Stub Trunk Vent Syphon	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey sewage A gravity sewer that flows uphill over part of its length due to syphonic action
						Overflow Reuse Stub Trunk Vent	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey sewage A gravity sewer that flows uphill over part of its length due to syphonic action A gravity sewer flowing into a vacuum sewerage system (vacuum system pipes are
						Overflow Reuse Stub Trunk Vent Syphon Vacuum	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey sewage A gravity sewer that flows uphill over part of its length due to syphonic action A gravity sewer flowing into a vacuum sewerage system (vacuum system pipes are part of the pressure pipe schema).
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						Overflow Reuse Stub Trunk Vent Syphon Vacuum Reticulation Unknown Other PVC-U DI MS RCP FRC PRC PRC GRP	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey sewage A gravity sewer flowing into a vacuum sewerage system (vacuum system pipes are part of the pressure pipe schema). A standard reticulation sewer that is not a trunk sewer Use unknown at time of submission A use other than those specified above positiveInteger Unplasticised PolyVinyiChloride Ductile ion Mild Steel Steel Reinforced Concrete Pipe Fibre Reinforced Concrete Pipe Fibre Reinforced Concrete pipe s. [plex Polycrete Glass Reinforced Plastic (includes the product known commercially as Hobas)
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						Overflow Reuse Stub Trunk Vent Syphon Vacuum Reticulation Unknown Other PVC-U DI MS RCP FRC PRC GRP ABS PFE-100 SWPP	A pipe that directs excessive sewer flows to another system or the external environemnt A pipe conveying low-grade (class B and below) treated effluent for reuse. Class A and A+ should use the water feature classes. A short length of pipe for a future connection pipe that is not connected at its upsteam end at time of data submission A larger size sewer as defined by the receiving entity's standard definition A pipe to a vent pipe or deodorising apparatus, which not primarily designed to convey sewage A gravity sewer flowing into a vacuum sewerage system (vacuum system pipes are part of the pressure pipe schema). A standard reticulation sewer that is not a trunk sewer Use unknown at time of submission A use other than those specified above positiveInteger Unplasticised PolyVinyIChloride Ductile Iron Mild Steel Steel Reinforced Concrete Pipe Fibre Reinforced Concrete Pipe Fibre Reinforced Concrete jacking pipe e.g. Iplex Polycrete Glass Reinforced Plastic (includes the product known commercially as Hobas) Acrylonitrile Butadiene Styrene Medium Density Polyethylene Structural Wall Polypropylene Pipe (includes commercial brands SewerMax and SewerPro)
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Image: Constraint of the external constant protection method employed on the pipe material.       Other A protection from each product in the outcode above.         Protection       The external constant protection method employed on the pipe material.       Fibe: Constraint of the pipe material.       Fibe: Constraint of the pipe material.         Plant Virapped       Plant Virapped       Plant Virapped       Plant Virapped       Plant Virapped         Plant Virapped       Plant Virapped       Task Virapped       Plant Virapped       Plant Virapped         Sheat hard constant       Sheat hard constant       Export Plant       Export Plant       Export Plant         Uncoded       Uncoded       Uncoded       Down Plant       Export Plant       Export Plant         Uncoded       Uncoded       Plant Plan							Unknown	
JointType       Pipe material:       FBPE       Fusion Bonded Polyethylene (Includes the product known commercially as Sintakole)         JointType       Plastic Wrapped       Plastic Wrapped       Tagle Wrapped         JointType       Pipe to pipe join method.       RRU       Concrete Finance         JointType       Pipe to pipe join method.       RRU       entry on type not yet included in the Schema as agreed with the receiving entry         JointType       Pipe to pipe join method.       RRU       RRU       Ruber Ring Restined Joint (Puctile Iron)         SWJ       Subert Wrapped Joint Pipe and Cooper)       BWJ       SWJ       Subert Wrapped Joint Pipe Pipe and Cooper)         JointType       Pipe to pipe join method.       RRU       Ruber Ring Restined Joint (Puctile Iron)       SWJ         JointType       Vipe to pipe join method.       RRU       Ruber Ring Restined Joint (PUctile Iron)       SWJ         Will Wrapped Joint Pipe Joint Method       REV       Ruber Ring Restined Joint (PUctile Iron)       SWJ         Will Wrapped Joint Pipe Joint Method       REV       Ruber Ring Restined Joint (PUctile Iron)       SWJ         Will Wrapped Joint Pipe       Pipe to pipe join method.       REV       Ruber Ring Restined Joint (PUCtile Iron)         Will Wrapped Joint Pipe Joint Method       REV       Ruber Ring Restined Joint (PUCtile Iron) <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>A protection type not included above.</td></td<>								A protection type not included above.
JointType       Pipe to pipe join method.       RRJ       Rubber Ring       Feature Wapped         JointType       Pipe to pipe join method.       RRJ       Rubber Ring       Restrice Wapped         JointType       Pipe to pipe join method.       RRJ       Rubber Ring       Restrice Wapped         JointType       Pipe to pipe join method.       RRJ       Rubber Ring       Restrice Wapped         JointType       Pipe to pipe join method.       RRJ       Rubber Ring       Restrice Joint (Ductie Iron)         Wide Joint (Ductie Iron)       Streame choices above       Pipe to pipe join method.       RRJ       Rubber Ring         JointType       Pipe to pipe join method.       RRJ       Rubber Ring       Restrice Joint (Ductie Iron)         Wide Joint (Marcel Pipe)       Fig. A new protection risk of the pipe and Compression Joint (Puctie Iron)       Streame as agreed with the receiving entity.         JointType       Pipe to pipe Join method.       RRJ       Rubber Ring Restriated Joint (Ductie Iron)         SWU       SWU       SWU Wided Joint (Marcel Pipe)       Fig. Pipe and Compression Joint (Puctie Pipe)         JuintType       Pipe to pipe Join method.       RRL       Rubber Ring Restriated Joint (Ductie Iron)         SWU       SWU       SWU Wided Joint (Marcel Pipe)       Fig. Pipe)       Fig. Pipe)								Fusion Bonded Epoxy
Plastic Wrapped       Plastic Wrapped       Plastic Wrapped         Tape Wrapped       Tape Wrapped       Tape Wrapped         Concrete Encased       Sheathed         Concrete Encased       Sheathed         Epoxy Paint       Epoxy Paint       Epoxy Paint         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         Unknown       Protection Type unknown at time of data submission         US_invertLavel_m       Invert level of this pipe end (m metres against the vertical						pipe material.	FDPE	Fusion Bonded Polyethylene (Includes the product known commercially on Sintekoto)
JoinType       Pipe to pipe join method.       RRJ       Rubber Ring       Output pen and compression Joint (PC)         JoinType       Pipe to pipe join method.       RRJ       Rubber Ring       Note the schema used by agreement with the receiving entity.         Vinknown       Uncoated       Uncoated       Uncoated       Uncoated       Uncoated         UNR NOT       Vincetion Type unknown at time of data submission       Other       Another type of protection not covered in the schema as agreed with the receiving entity.         P_1       Another type of protection not covered in the schema as agreed with the receiving entity.       P1e       Another type of protection not covered in the schema as agreed with the receiving entity.         VinintType       Pipe to pipe join method.       RRJ       Rubber Ring entity.       Rubber Ring entity.         USINTType       Pipe to pipe join method.       RRJ       Rubber Ring entity.       Vinity.         VinintType       Pipe to pipe join method.       RRJ       Rubber Ring entity.       Vinity.         VinitType       Pipe to pipe join method.       RRJ       Rubber Ring entity.       Vinity.         VinitType       Pipe to pipe join method.       RRJ       Rubber Ring entity.       Vinity.         VinitType       Pipe to pipe join method.       RRJ       Rubber Ring entity.       Vinity.							Plastic Wranned	
JointType       Pipe to pipe join method.       RRJ       Rubber Rig       RRJ       Rubber Rig         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       RRJ       Rubber Rig         Global Compression Joint (PS)       Pipe to pipe join method.       RRJ       Rubber Rig       Pile to method.       RRJ       Rubber Rig         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       RRJ       Rubber Rig         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       RRJ       Rubber Rig         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       RRJ       Rubber Rig         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       Rubber Rig       Pipe to Rig         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       Rubber Rig       Pile         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       Rubber Rig       Pile         JointType       Pipe to pipe join method.       RRJ       Rubber Rig       Rubber Rig       Pile         JuintType       Pipe to pipe join method.       RRJ       Rubber Rig       Rubber Rig       Pile         VI       Wethor Ri								
Shealthed       Shealthed       Shealthed         Epoxy Paint       Epoxy Paint       Epoxy Paint         Uncoated       Uncoated       Uncoated         Unknown       Protection ryoe unknown at time of data submission       Other         A new protection type of protection not covered in the schema a choices above       P_1       A new protection type not yet included in the Schema a sagreed with the raceiving entry.         JointType       Pipe to pipe join method.       RRJ       Rubber Ring         SWJ       Solvent Ring       SWJ       Solvent Rivel doublet (DrC)         WW       Wided Joint (PCC)       No       No         Wild       Wided Joint (PCC)       No       No         WU       Wided Joint (PCC)       No       No         Wild       Wilded Joint (PCC)       No       No         Wild       Wilded Joint (PCC)       No       No         Wilder       No       Woleral Joint       MCL       Mechanical Compression Joint (PE pipe)         Wild       Wilder       No       Mechanical Compression Joint (PE pipe)       Environ         Wilder       Wilder       No       Mechanical Compression Joint (PE pipe)       Environ       No         Wilder       Wilder       No       Joint Ype not								
Image: Second								
Image: space of the spice								
Other       Another type of protection not covered in the schema choices above         P_1       A new protection type not yet included in the Schema as agreed with the receiving entity.         P_2       A new protection type not yet included in the Schema as agreed with the receiving entity.         JointType       Pipe to pipe join method.       RRJ         RRJ       RRUDER Ring         W3       Solvent Welded Joint (Mid Steel pipe)         FJ       Flanged Joint (PE pipe and Compression Joint (PE pipe and Copper)         BW       Butt Weld (PE pipe)         JT_1       A new joint type not yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical							Uncoated	Uncoated
JointType       Pipe to pipe join method.       RRJ       Rubber Ring entity.         JointType       Pipe to pipe join method.       RRJ       Rubber Ring RRRJ         RWJ       Solvent Ring SWJ       Solvent Welded Joint (Ductile Iron) SWJ         SWU       Solvent Medded Joint (PVC) WJ       Wilded Joint (PVC) WJ         WJ       Welded Joint (PVC) WJ       Wilded Joint (PVC) WJ         BW       But Weld (PE pipe) JT_1       A new point type not yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical       Total area yoint curve and a submission Other								
JointType       Pipe to pipe join method.       RRJ       Rubber Ring Restrained Joint (Ductile Iron)         SWJ       Solvent Welded Joint (PCC)       WJ       Welded Joint (PCC)         WJ       Welded Joint (PCC)       WJ       Welded Joint (PCC)         WJ       Welded Joint (PCD)       WJ       Welded Joint (PCD)         WJ       Welded Joint (PCD)       WJ       Welded Joint (PCD)         WJ       Welded Joint (PE pipe and Copper)       BW         BW       ButWelder (PE pipe)       JT_1       A new joint type not yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical       US_Invertlevel of this pipe end (in metres against the vertical								Another type of protection not covered in the schema choices above
JointType       Pipe to pipe join method.       RRJ       Rubber Ring         JointType       Pipe to pipe join method.       RRJ       Rubber Ring         WJ       Solven Welded Joint (Ductile Iron)       SWJ       Solven Welded Joint (PVC)         WJ       Welded Joint (Mid Steel pipe)       FJ       Flore to pipe join method.       FJ         FJ       Flore to pipe join method.       MCJ       Mechanical Compression Joint (PE pipe and Copper)         BW       Butt Weld (PE pipe)       FW       Electrois Weld (PE pipe)         JT_1       A new joint type not yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical       Other							P_1	
JointType       Pipe to pipe join method.       RJ       Rubber Ring         SWJ       Solvent Welded Joint (Ductile Iron)         SWJ       Solvent Welded Joint (PCC)         Welded Joint (Mild Steel pipe)       FJ         FJ       Flanged Joint         MCJ       Mechanical (OFE pipe)         BW       But Welded Joint (PE pipe and Copper)         BW       But Welded Joint (PE pipe)         JT_1       A new Joint type only end yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical							P 2	
JointType       Pipe to pipe join method.       RRJ       Rubber Ring Rubber Ring Restrained Joint (Ductile Iron) SWJ       Solvent Weided Joint (PVC) WJ         Wilded Joint (Mid Steel pipe)       Figure Joint         FJ       Figure Joint         BW       But Weid (Joint (Mid Steel pipe)         FJ       Figure Joint         MCJ       Mechanical Compression Joint (PE pipe)         BW       But Weid (PE pipe)         FW       Electrofusion Weid (PE pipe)         JT_1       A new joint type not yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical								
Note       RRRJ       Rubber Ring Restrained Joint (Ductile Iron)         SWJ       Solvent Weldot Mild Stele Joipe)         WJ       Welded Mild Stele Joipe)         FJ       Flanged Joint (PE pipe and Copper)         BW       But Weld (PE pipe)         EFW       Electrofusion Weld (PE pipe)         JT_1       A new joint type ont yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical					JointType	Pipe to pipe join method.		Rubber Ring
SWJ Solvent Welded (Joint (PCC) FJ Welded (Joint (Mid Steel pipe) FJ Flanged Joint MCJ Mechanical OPE pipe) BW Buttlevel (PE pipe) FFW Electrofusion Weld (PE pipe) FFW Electrofusion Weld (PE pipe) FFW Electrofusion Weld (PE pipe) FFW Electrofusion Weld (PE pipe) JT_1 A new Joint type not yet included in the Schema used by agreement with the receiving entity. UNs_InvertLevel_m Invert level of this pipe end (in metres against the vertical US_InvertLevel_m Invert level of this pipe end (in metres against the vertical							RRRJ	Rubber Ring Restrained Joint (Ductile Iron)
FJ       Flanged Joint         MCJ       McHanical Compression Joint (PE pipe and Copper)         BW       But Weld (PE pipe)         EFW       Electrofusion Weld (PE pipe)         JT_1       A new joint type not yet included in the Schema used by agreement with the receiving entity.         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical								Solvent Welded Joint (PVC)
MCJ Mechanical Compression Joint (PE pipe and Copper) BW But Vertice of this pipe end (in metres against the vertical US_InvertLevel_m Invert level of this pipe end (in metres against the vertical) MCJ Mechanical Compression Joint (PE pipe and Copper) BW But Vertice (PE pipe) EW Electrofusion Weld (PE pipe) JT_1 A new joint type not yet included in the Schema used by agreement with the receiving entity- Unknown Joint type unknown at time of data submission Other A joint type not already included in the above choices								
BW Butt Weld (PE pipe) EFW Electrofusion Weld (PE pipe) T_1 A new type included in the Schema used by agreement with the receiving entity. Us_InvertLevel_m Invert level of this pipe end (in metres against the vertical A joint type not already included in the above choices							FJ	Hanged Joint Machanical Compression, Joint (RE pipe and Course)
EFW Electrofusion Weld (PE pipe) JT_1 A new joint type not yet included in the Schema used by agreement with the receiving entry. US_InvertLevel_m Invert level of this pipe end (in metres against the vertical US_InvertLevel_m Invert level of this pipe end (in metres against the vertical)								
JT_1       A new joint type not yet included in the Schema used by agreement with the receiving entity.         Unknown       Joint type unknown at time of data submission         US_InvertLevel_m       Invert level of this pipe end (in metres against the vertical								
US_InvertLevel_m Invert level of this pipe end (in metres against the vertical A joint type not already included in the above choices								
US_InvertLevel_m Invert level of this pipe end (in metres against the vertical Other A joint type unknown at time of data submission US_InvertLevel_m Invert level of this pipe end (in metres against the vertical Other A joint type not already included in the above choices							· - ·	
US_InvertLevel_m Invert level of this pipe end (in metres against the vertical A joint type not already included in the above choices								
datum). Float								
						oatum).		Float

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION		DESCRIPTION
				DS_InvertLevel_m	Invert level of this pipe end (in metres against the vertical datum).		Float
				US_SurfaceLevel_m	Surface level (in metres against the vertical datum) vertically		
				DS SurfaceLevel m	above this pipe end. Surface level (in metres against the vertical datum) vertically		Float
					above this pipe end. Average offset distance in metres from casdastral boundary to		Float Float Positive NonZero
				Alignment_m	the main.		
				Depth_m Embedment	Nominal depth in metres to the top of the pipe. Embedment type.	Natural	Float Pipe laid directly on natural in-situ material
				Emboarnon		GBH	Granular bed and haunch
						GBS GBSonConc	Granular bed and surround Granular bed and surround on concrete support
						GBSonGTP	Granular bed and surround on geo-textile pillow
						GBSonCSS GBSonPiles	Granular bed and surround on cement stabilised support Granular bed and surround on piles
						CemStabBS ConcBS	Cement stabilised bed and surround Concrete bed and surround
						ConcBSonPiles	Concrete bed and surround on piles
						Enveloped Above Ground	Within an enveloper pipe Pipe is above ground on piers or a bridge deck
						None Unknown	Thrust bored or Trenchless method
						Other	Embedment Type unknown at time of data submission
						EB_1	Another type of embedment type that is not already includesd in the standard types
						EB_2	A non-standard or new type of embedment as agreed with the data receiving entity
						LU_2	A non-standard or new type of embedment as agreed with the data receiving entity
				RockExcavated	Value indicating whether rock was excavated from the pipe channel.		boolean
				PipeGrade	Pipe grade as a percentage. Derivable as the difference in invert levels divided by the horizontal length (not the length of		Float_Positive_Zero
				Length_m	pipe) multiplied by 100. Actual material length of the pipe. Not the horizontal length of		Float Positive NonZero
					the geometry.		
				Geometry	The linear geometry of the pipe feature in coordinate space. At version 4.1.0 these features may include cruves due to modern flexible materials.		geometry_linear_singlepath_complex
PipesPressure	Element representing the feature class of Sewerage Pipes Pressure	PipePressure	Element representing a sewer pipe pressurised (rising main).	Use	The function of this pipe in the network.	Disused Effluent	Disused Pressure Pipe that remains in place Pressure pipe conveying treated effluent (usually from a treatment plant)
	Sewerage ripes riessure		indiriy.			Reuse	Treated Wastewater Reuse Pipe for class B and below. Class A and A+ should use
						Rising	the water supply feature classes A standard rising main or pressure sewer
						Scour	A pipe maintained under pressure to scour a pressure main to a discharge point.
						Vacuum	Gravity scours should use the non-pressure pipe feature class A pressure pipe in a vacuum system that is subject to negative pressure
						PressureSewerCollection	The connection pipe from a household proprietary pressure sewer pump unit to the external pressure main
						Unknown	Use unknown at time of data submission
				Diameter mm	Nominal pipe diameter in millimetres.	Other	A use other than those provided above in the schema positiveInteger
				Material	Pipe material	ABS GRP	Acrylonitrile Butadiene Styrene
						DI	Glass Reinforced Plastic (includes the product known commercially as Hobas) Ductile Iron
						MS PE-100	Mild Steel Polyethylene (100)
						PE-80B	Polyethylene (80B)
						PVC-M PVC-O	Polyvinyl Chloride (Modified) Polyvinyl Chloride (Oriented)
						PVC-U AC	Polyvinyl Chloride (Unplasticised) Asbestos Cement (not for new works - legacy pipes only)
						FRC	Fibre reinforced concrete
						M 1 M 2	New material not included in schema as agreed with data recieiving entity New material not included in schema as agreed with data recieiving entity
						Unknown	Material type unknown at time of data submission
				Class	The pipe class as specified by the manufacture. Pipe class	Other SN5000	A material not included in schema types provided above Class SN5000
					refers to the wall thickness and performance of the material.	SN8000 SN10000	Class SN8000 Class SN10000
						PN1	Class PN1
						PN6 PN6.3	Class PN6 Class PN6.3
						PN8	Class PN8 Class PN9
						PN9 PN10	Class PN10
						PN12 PN12.5	Class PN12 Class PN12.5
						PN16	Class PN16 - default for PE_100, PVC_O and PVC_M
						PN18 PN20	Class PN18 Class PN20
	1				1	PN35	Class PN35 (Standard for DI)

ASSET TYPE DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
					FLCL X Y Z 4.8mm 5mm 6mm 7mm 8mm	Class FLCL (ductile iron flanged class) Class X (Reinforced Concrete) Class X (Reinforced Concrete) Class Z (Reinforced Concrete) 4.8mm wall thickness Class (Mild Steel) 5mm wall thickness Class (Mild Steel) 6mm wall thickness Class (Mild Steel) 7mm wall thickness Class (Mild Steel) 8mm wall thickness Class (Mild Steel)
					9mm 10mm 11mm 12mm 16mm Unknown Other	9mm wall thickness Class (Mild Steel) 10mm wall thickness Class (Mild Steel) 11mm wall thickness Class (Mild Steel) 12mm wall thickness Class (Mild Steel) 16mm wall thickness Class (Mild Steel) Class unknown at time of data submission A Class uther than those currently provided for in the Schema
			Lining	The internal corrosion protection method employed on the pipe material.	CL CL_SR CL_AC PVC FBE Unlined	Cement Lined Normal. Cetrifugally spun cement mortar (default for Ductile Iron and Mild Steel) Cement Lined - Sulphate Resistant (DI and MS) Cement Lined - Calcium Aluminate (DI and MS) Plasticised PVC (includes Humes Plastiline) Fusion Bonded Epoxy Unlined
			Protection	The external protection for the pipe.	Unknown Other FBE FBPE Plastic Wrapped Tape Wrapped	Lining type unknown at time of data submission Another type of liner that is not currently in the Schema Fusion Bonded Epoxy Fusion Bonded Polyethylene (Includes the product known commercially as Sintakote) Plastic Wrapped Tape Wrapped
					Concrete Encased Sheathed Epoxy Paint Uncoated P_1 P_2	Concrete Encased Sheathed Epoxy Paint Uncoated A new protection type not yet in the schema as agreed with the data receiving entity
			JointType	Pipe to pipe join method.	Zinc Zinc-Aluminium Alloy Unknown Other RRJ	A new protection type not yet in the schema as agreed with the data receiving entity Galvanized or zinc painted Zinc Aluminum alloy coating (Petair Saint-Gobain) Protection type unknown at time of data submission Another type of protection not covered by the schema Rubber Ring
					RRRJ SWJ FJ MCJ BW EFW JT 1	Rubber Ring Restrained Joint (Ductile Iron) Solvent Welded Joint (PVC) Welded Joint (Mid Steel pipe) Flanged Joint Mechanical Compression Joint (PE pipe and Copper) Butt Weld (PE pipe) Electrofusion Weld (PE pipe) A new joint type not yet included in the Schema used by agreement with the receiving
					Unknown Other	entity. Joint type unknown at time of data submission A joint type not already included in the above choices
				Average offset distance from casdastre boundary to the main.		Float_Positive_NonZero
			Depth m Embedment	Nominal depth in metres to the top of the pipe. Embedment type.	Natural GBH GBS GBSonConc GBSonGTP GBSonCSS	Float Pipe laid directly on natural in-situ material Granular bed and haunch Granular bed and surround on concrete support Granular bed and surround on geo-textile pillow Granular bed and surround on cement stabilised support
					GBSonPiles CemStabBS ConcBS ConcBSonPiles Enveloped Above Ground	Granular bed and surround on piles Cerment stabilised bed and surround Concrete bed and surround Concrete bed and surround on piles Within an enveloper pipe Pipe is above ground on piers or a bridge deck
					None Unknown Other EB_1	Thrust bored or Trenchless method Embedment Type unknown at time of data submission Another type of embedment type that is not already includesd in the standard types A non-standard or new type of embedment as agreed with the data receiving entity
					EB_2	A non-standard or new type of embedment as agreed with the data receiving entity
				Value indicating whether rock was excavated from the pipe channel.		boolean
			Length_m	Actual material length of the pipe. Not the horizontal length of the geometry.		Float_Positive_NonZero

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	. DESCRIPTION
				Geometry	The linear geometry of the pipe feature in coordinate space. At version 4.1.0 these features may include cruves due to modern flexible materials.		geometry_linear_singlepath_complex
lves	Element representing the feature class of	Valve	Element representing a sewer valve fitting	Use	The function of this valve in the network.	Non-Return	Used to prevent backlow can be of type Generic, Rubber Gate or Swing Check
	Sewerage Valves					Service	Used to isolate a service on a pressure sewer or vacuum sewerage system
						Stop	Used to stop flow in a pipeline
						Scour	Used to open and close access to a scour pipe
						Diversion	Used to divert flow along another route
						Zone Boundary	Used to isolate sewer catchments or service zones
						Flow Control	Used to control the rate of flow in a pipe
						Pressure Control	Used to control or maintain the pressure in a pipeline; can be of the type Overflow
						Fressure Control	Pressure Relief or Vacuum Release.
						Cas Dalaasa	Used to release gas or air from a pipeline and should be of type Air Valve
						Gas Release	Used to for some other purpose not provided for in the Schema and can bee of T
						Other	
							Special Use is unknown at time of data submission
						Unknown	
				Туре	The physical configuration of the valve	Generic	Non-return valve of an unknown or generic type. Also control or stop valve of a ge
							type
						Rubber Gate	Non-return valve of a the rubber gate type
						Swing Check	Non-return valve of the swing check type
						Gate	Gate Valve
						Butterfly	Butterfly Valve
						Knife Gate	Knife Gate Valve
						Eccentric Plug	Eccentric Plug valve
						Globe	Globe Valve
						Ball	Ball Valve
						Penstock	A Penstock formally known as Penstock Gate
						Overflow	An overflow valve
						Pressure Release	A pressure release valve
						Vacuum Release	A vacuum release valve
							A proprietary valve for releasing gas or air
						Air Valve	
				<b></b>		Special	A Specialist type of valve not covered in the Schema
				Diameter mm	The nominal bore diameter of the valve		positiveInteger
				Lining	The internal corrosion protection method employed on the pipe		Cement Lined Normal. Centrifugally spun cement mortar (default for Ductile Iron a
					material.	CL	Mild Steel)
						CL_SR	Cement Lined - Sulphate Resistant (DI and MS)
						CL_AC	Cement Lined - Calcium Aluminate (DI and MS)
						PVC	Plasticised PVC (includes Humes Plastiline)
						FBE	Fusion Bonded Epoxy
						Unlined	Unlined (Default for plastic pipes)
						Unknown	Lining type unknown at time of data submission
						Other	Another type of liner that is not currently in the Schema
				Protection	The external protection for the pipe.	FBE	Fusion Bonded Epoxy
				i iotodaoni	nie external protection for the pipe.	FBPE	
						I DI L	Fusion Bonded Polyethylene (Includes the product known commercially as Sintako
						Plastic Wrapped	Plastic Wrapped
						Tape Wrapped	Tape Wrapped
						Concrete Encased	Concrete Encased
						Sheathed	Sheathed
						Epoxy Paint	Epoxy Paint
						Uncoated	Uncoated
						P_1	
						-	A new protection type not yet in the schema as agreed with the data receiving en
						P_2	
						-	A new protection type not yet in the schema as agreed with the data receiving en
						Zinc	Galvanized or zinc painted
						Zinc-Aluminium Alloy	Zinc Aluminium alloy coating (Petair Saint-Gobain)
						Unknown	Protection type unknown at time of data submission
						Other	Another type of protection not covered by the schema
				Manufacturer	The Manufacturer of the unit	oulo	String 64
				ModelNumber	The standard code, model number or part number for the unit		String_64
				Rotation	Rotation angle (cartesian - anti-clockwise 0 degrees = East)		Float_Direction
				Geometry	The geometry representing this feature in coordinate space.		geometry_point_singlepoint
tingo	Element representing the facture stars of	Eitting	Element representing a power filler other than	Tuno	The physical configuration of the fitting	Pond	Bend fitting usually with change of direction of more than 11 degrees but may be
tings	Element representing the feature class of	Fitting	Element representing a sewer fitting other than a valve	Type	The physical configuration of the fitting	Bend	
	Sewerage Fittings					0	in plastic pipes
						Connector	Straight connector with no direction change
						Connector Thrust	Straight connector capable of transmitting axial thrust
						Dismantling Joint	Straight connector specifically included to facilitate future dismantling of pumps or
							complex pipe layouts.
						Duck Bill	Duck Bill fitting typically located at the end of a pipe feature.
						Frog Flap	Frog Flap fitting typically located at the end of a pipe feature.
						Gibault	Standard gibault connection
						Taper	Fitting with differing inlet and outlet diameters
						Tee	Tee-fitting with 3 arms or branches where one arm is at 90 degrees to the other 2
						Wye	Y-fitting with three arms where the arms is are not all separated by integer multip
							90 degrees
						Cathodic Protection Point	90 degrees An electrical connection point for cathodic protection
						Cathodic Protection Point Dead Plate	

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION		DESCRIPTION
			<u>-</u>			Tee Branch Dead End Tee Branch Ext Dead End	A dead end plate pre-fitted to one branch of a Tee for access or future connection
						Puddle Flange	An end cap pre fitted externally to to a Tee Branch for access or future connection A Puddle Flange fitted externally to a pipe to transmit axial thrust into a structure or to provide sealing with a structure
						Sampling Point	A point designed for taking sewage or effluent samples
						Booster Pump	A pump providing the motive force to move sewage through a pressure main against the force of gravity
					Ellis and a data	Inspection Opening	An Inspection Opening on a pressure pipe
				Material	Fitting material	ABS Aluminium	Acrylonitrile Butadiene Styrene Aluminium
						GRP DI	Glass Reinforced Plastic (includes the product known commercially as Hobas) Ductile Iron
						MS	Mild Steel
						PE-100 PE-80B	Polyethylene (100) Polyethylene (80B)
						PVC-M	Polyvinyl Chloride (Modified)
						PVC-O PVC-U	Polyvinyl Chloride (Oriented) Polyvinyl Chloride (Unplasticised)
						Rubber	Rubber
						SS VC	Stainless Steel Vitreous Clay
						Concrete AC	Concrete Asbestos Cement (Existing infrastructure only)
						FRC	Fibre reinforced concrete
						M_1 M 2	New material not included in schema as agreed with data recieiving entity New material not included in schema as agreed with data recieiving entity
						Unknown	Material type unknown at time of data submission
				Lining	The internal corrosion protection material or method for the	Other	A material not included in schema types provided above Cement Lined Normal. Centrifugally spun cement mortar (default for Ductile Iron and
					fitting.	CL CL SD	Mild Steel)
						CL_SR CL_AC	Cement Lined - Sulphate Resistant (DI and MS) Cement Lined - Calcium Aluminate (DI and MS)
1						PVC FBE	Plasticised PVC (includes Humes Plastiline) Fusion Bonded Epoxy
						Unlined	Unlined (Default for plastic pipes)
						Unknown Other	Lining type unknown at time of data submission Another type of liner that is not currently in the Schema
				Protection	The external protection for the fitting.	FBE	Fusion Bonded Epoxy
						FBPE	Fusion Bonded Polyethylene (Includes the product known commercially as Sintakote)
						Plastic Wrapped Tape Wrapped	Plastic Wrapped Tape Wrapped
						Concrete Encased	Concrete Encased
						Sheathed Epoxy Paint	Sheathed Epoxy Paint
						Uncoated	Uncoated
						P_1 P_2	A new protection type not yet in the schema as agreed with the data receiving entity
							A new protection type not yet in the schema as agreed with the data receiving entity
						Zinc Zinc-Aluminium Alloy	Galvanized or zinc painted Zinc Aluminium alloy coating (Petair Saint-Gobain)
						Unknown	Protection type unknown at time of data submission
				BodySize mm	The nominal diameter of the major connecting pipe.	Other	Another type of protection not covered by the schema positiveInteger
				BranchSize mm Rotation	The nominal diameter of the minor connecting pipe. Rotation angle (cartesian - anti-clockwise 0 degrees = East)		positiveInteger Float Direction
Compositions	Flammad and an affin of the factories of	Compactio		Geometry	The geometry representing this feature in coordinate space.		geometry_point_singlepoint
Connections	Element representing the feature class of sewer property connections	Connection	Element representing a sewer property connection	SurfaceLevel_m	Surface level of this feature (in metres against the vertical datum).		Float
				InvertLevel_m	Invert level of this feature (in metres against the vertical datum).		Float
				Use	The function of the house connection in the network.	House Combined	House Drain - standard sanitary drain conveying sewage only Combined House Drain - a sanitary drain conveying both sewage and storm water in a combined sewerage system
				Diameter mm	The nominal diameter of the connection conduit.		positiveInteger
				Material	The material of the connection conduit.	PVC-U PVC-M	PolyVinylChloride Orientated PolyVinylChloride Modified
						PVC-O	PolyVinylChloride Orientated
						Cast Iron RCP	Cast Iron Steel Reinforced Concrete Pipe
						DI FRC	Ductile Iron Fibre Reinforced Concrete
						FRP	Fibre Reinforced Plastic
						PE VC	Polyethylene Vitrified Clay
						M_1	A new material not yet in the Schema as agreed with the receiving entity

ASSET TYPE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION	ENUMERATION \ DETAIL	DESCRIPTION
			<u>-</u> ,			M 2 Unknown Other	A new material not yet in the Schema as agreed with the receiving entity Lid Material is unknown at time of data submission Another material not included in the Schema
				Class		SH SEH SN4 SN6 SN8 SN10 SN12 SDR21 Unknown	Sewer Heavy Sewer Extra Heavy SN4 SN6 SN8 SN10 SN12 SDR21 Material class unknown at time of data submission
				Length_m	The material length in metres of the house connection branch	Other	Some other class not included in the standard Schema Float_Positive_NonZero
				Туре	conduit. Physical configuration of connection.	Sloped Branch Ramp Riser Jump Up Stub Twin Jump Up Twin Ramp Riser	Sloped Branch connection Ramp Riser connection Jump Up connection Connection straight into Maintenance Hole Twin Jump Up connection Twin Ramp Riser connection
				Chainage_m	The distance in metres from the centre of the downstream manhole to the point of connection of the offshoot branch.		Float_Positive_Zero
				Offset_m	The distance measured square from the centre of the sewer main to the point of connection.		Float_Positive_NonZero
				LineNumber	The line identifier of the sewer main.		String 32
				DSMHID	Downstream manhole identifier.		String 32
				IO_Distance_m	Distance from a point perpendicular to the inspection opening to the centre of the downstream manhole along the axis of the sewer main.		Float_Positive_NonZero
				SO_Nearest_m	Perpendicular distance from the inspection opening to the nearest cadastral boundary.		Float_Positive_NonZero
				SO_Other_m	Perpendicular distance from the inspection opening to the next nearest cadastral boundary.		Float_Positive_NonZero
				Sediment_Trap	True indicates that the connection includes an inline sediment trap.		boolean
				Geometry	The linear geometry of the house connection feature in coordinate space. Digitise this line downstream from the inspection opening to the pipe or pit If a point is desired, the inspection opening position may be taken as the start of the line At version 4.1.0 these features may include curves due to modern flexible materials.		geometry_linear_singlepath_complex

ADAC Cadastre

SSET GROUP						-			
SSET ELEMENT		FEATURE	DESCRIPTION	DETAIL	DESCRIPTION	ENUMERATION \ DETAIL		ENUMERATION \ DETAIL	DESCRIPTION
dastre	Data structure constraining information	LandParcels	Represents the feature class of cadastral parcels	Lot	Represents a cadastral lot feature.	LotNo	The lot number as described on the originating survey plan		String 32
						PlanNo	The plan number of the originating survey plan.		String 32
					Represents the boundary of a titled, or proposed lot	CancelledLotPlan	The lot on plan cancelled by this boundary if applicable.		String 32
						TitledArea_sqm	The area in square metres enclosed by the boundary, as described by the survey plan.		Float_Positive_NonZero
						Geometry	The geometry of this feature in coordinate space. May contain holes and islands. Boundaries must consist of straight lines.		geometry_area_multipatch_simple
				WaterCourseReserve	Represents the boundary of a Water Course Reserve.	Name	The name of the watercourse reserve represented by this boundary		String_128
						Geometry	The geometry of this feature in coordinate space. May contain holes and islands. Boundaries must consist of straight lines.		geometry_area_multipatch_simple
				RoadReserve	Represents the boundary of a Road Reserve.	Name	The name of the road reserve represented by this boundary		String 128
						Geometry	The geometry of this feature in coordinate space. May contain holes and islands. Boundaries must consist of straight lines.		geometry_area_multipatch_simpl
		Fasements	Represents the feature class of cadastral easements	Fasement	Represents a cadastral easement feature.	LotNo	The lot number as described on the originating survey plan		String 32
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			PlanNo	The plan number of the originating survey plan.		String 32
					Represents the boundary of a existing or new easement	Geometry	The geometry of this feature in coordinate space. May contain holes and islands. Boundaries must consist of straight lines.		geometry_area_multipatch_simpl
		SurveyMarks	Represents the feature class of Survey Marks	SurveyMark	Represents a cadastral SurveyMark feature.	MarkName	The name by which the survey mark may be uniquely identified from control records.		String_64
						Geometry	The geometry of this feature in coordinate space.		geometry point singlepoint
		Connections	Represents the feature class of cadastral Connections	Connection	Represents an observed and reduced cadastral connection feature.	Bearing	The bearing in decimal degrees clockwise from North in the coordinate system of this project.		Float_Positive_Zero
					A connection must run from the survey mark to the	Distance_m	The distance in metres on the coordinate system of this project.		Float_Positive_NonZero
					connected feature. If this feature is used, the bearing and	Geometry	The geometry of this feature in coordinate space.		geometry_linear_segment_simple
		ChainageLines	Represents the feature class of cadastral Connections	ChainageLine	A line of measured chainage with a defined start and end	ChainageID	Unique ID of this chainage line.		String 64
					value. Polyline shape is only an approximation of true	StartChainage m	Start Chainage in metres of this section.		Float Positive Zero
					curve geometry, but the start and end points should	EndChainage m	End Chainage in metres of this section.		Float Positive Zero
					coincide exactly with the actual start and end of chainage.	Geometry	The geometry of this feature in coordinate space.		geometry linear singlepath com