MANAGED SPACE SPECIFICATION

Specifications for Managed Space Digital Spatial Data at the City of Albany

Version 1.3
2019

INDEX

1. The Managed Space Specification

As part of the CITY OF ALBANY SPATIAL DATA SPECIFICATION the Managed Space Specification focus on assets and maintenance areas that the City of Albany have to be aware of. It captures asset and some maintenance details that allow not only for financial reporting and maintenance of assets but also to support future design and development.

The underpinning spatial standards are defined in the parent document, CITY OF ALBANY SPATIAL DATA SPECIFICATION.

The MANAGED SPACE SPECIFICATION standard is a requirement of the City of Albany that streamlines the processes undertaken for all public and open space asset capturing and maintenance of this data in its geographic information systems (GIS).

This specification is for use by any Developers and Surveyors (hereafter referred to as "Consultants") who undertake Land Development or Capital Works activities that have to be recorded by the City of Albany.

This also includes any related construction activities undertaken by the City of Albany.

2. **Contract Deliverables**

2.1. Digital Spatial Data File Format

All data is to be supplied in the format specified by the City of Albany:
1. Preferred: ESRI Shapefile, FileGDB, PersonalGDB
2. By Special Arrangement: Mapinfo TAB/MIF, geoXML
3. Not Preferred: CADD DXF/DWG + EXCEL/CSV(Attribute Table)
4. Not Acceptable: PDF or hardcopy of Plan

2.2. Submission Metadata File

A readme.txt file is a simple text file that contains information about the project the digital data is being provided for and must accompany every digital data submission.

Label	Description	Example
PROJECT	Project name	Wyndham Estate
STAGE	Subdivision Stage Name	Stage 3B
DATE SUBMITTED	Date the digital data submitted	31/1/2008
COMPANY	Company name taking responsibility for the data	Work Force
SURVEY NUMBER/REF	Company's survey reference	A1
CONTACT	Contact name for this project	John Somebody
TELEPHONE	Telephone number	(08) 5555 1234
EMAIL	Email address (as applicable)	johns@workforceco.com.au
MAILING ADDRESS	Mailing address	Level 19 Lower St, Blackhouse Sth, WA, 6000
PHYSICAL ADDRESS	Physical business address	"As Above"
DATUM/PROJECTION	The coordinate system the data is in. Please note the City of Albany only uses GDA94 Zone 50.	GDA94 Zone 50
TRANSFORMATION	The coordinate system the data was transformed from	E.g. Albany Grid ALB94 to GDA94 Zone50
DATA FORMAT & VERSION	Details about the software and file version used to create the digital data	E.g. AutoCAD Map 2008 and QGIS
NOTES	Important notes or information to be included here.	Any other relevant information that the data custodian needs to be aware of.

2.3. Submission Media

The following are acceptable media for providing the digital data files.
- Email to the City of Albany cityassets@albany.wa.gov.au. (File size limitation is 15 megabytes)
- USB devices / CD-ROM / DVD
- Include the following (as a label or in the Email):
  Estate Name and Stage or Project Name: _____
  Council Approval Number(s): _____
  Authorised by: _____ Date: _____
  Consultant Company: _____

3. Graphical Specifications

3.1. Theme/Layer Structure

The following information is provided as the guide when putting together graphical information.

Depending on the asset to be captured, not all the layers indicated here may appear in submitted data.

It is important to note that each layer should only contain the listed features; any other features present will impede the acceptance testing.

Layer	Feature Type	Description	Attributes
SPORT FIELDS	Polygon	Perimeter of Playing Field: Football	**Attribute**
PLAY AREAS	Polygon	Perimeter of Playground: Skate Park	**Attribute**
PLAY EQUIPMENT	Point	Location of Playground Equipment.	**Attribute**
SPORT EQUIPMENT	Point	Location of Sport Equipment	**Attribute**
FACILITIES	Point	Location of Amenity: BBQ's, Tables	**Attribute**
BIN STRUCTURE	Point	Location of Bin mountings and structure	**Attribute**
PUMPS BORES	Point	Ground Water Bores, Water Pumps, Sewer Pumps	**Attribute**
RETICULATION POINTS	Point	Location of feature: Sprinklers, Solenoids	**Attribute**
RETICULATION LINES	Polyline	Irrigation line: poly-pipe, connections to water mains	**Attribute**
BARRIER LINES	Polyline	Line indicating Retaining Walls under 500mm, Fences and Gates	**Attribute**
BARRIER POINTS	Point	Bollards and rocks spread apart	**Attribute**
ARTS MEMORIALS	Point	Centre of Artwork: Statue, Plaques	**Attribute**
TERRAIN	Polygon	Landscaping Areas: Garden Beds, Lawns, Centre Island on roads and sport field foundations	**Attribute**
TRAILS	Polyline	Hiking, Cycling, Motorcycle, Equine Trails	**Attribute**
TRAIL FEATURES	Point	Erosion control and others like water bars or duck boards	**Attribute**
INFO SIGNS	Point	Information Signs, Trail Head signs, Trail Marker signs	**Attribute**
TANKS	Point	Central point of storage tanks: Irrigation, Rainwater	**Attribute**
TREES	Point	Significant, Heritage or Isolated trees, including street trees	**Attribute**
LIGHTS	Point	Ambient lighting not related to vehicle movement	**Attribute**

3.2.   Graphical Data Construction Principals

This section details the graphical data construction principles that must be adhered to for all features (polygons, lines, points).

Please use sound practices when recording data, such as snapping to lines or points, closing polygons and directional graphing in the direction of flow.

3.2.1. Sports Fields

The perimeter of any Sporting Fields that is managed by the City.
The objective of this boundary is to provide the City of Albany an overview of the sports fields maintained and managed to assist in monitoring and planning for these areas.

Each playing field shall be depicted by a single polygon feature (Drawing 2). The foundation of the sporting field, such as crushed gravel or concrete is captured in 4.13 Terrain

The attributes for this layer are specified in Table 4.1.

Drawing 2: Sport Fields

3.2.2. Play Areas

The perimeters of any kid's playground that is managed or maintained by the City.
The objective of this boundary is to provide the City of Albany an overview of the park and play grounds maintained and managed, to assist in monitoring, planning and auditing (annual auditing as per AS-4685) for these areas.

Each playground shall be depicted by a single polygon feature (Drawing 3).

The attributes for this layer are specified in Table 4.2.

Drawing 3: Playground

3.2.3. Play Equipment

The central location of Playground Equipment (EG: location of a slide) located on park grounds that is managed by the City. Sport Equipment is not captured in this layer, it is capture in Sport Equipment.

Each piece of playground equipment shall be depicted by a single point feature (Drawing 4).

The attributes for this layer are specified in Table 4.3.

Drawing 4: Playground equipment

3.2.4. Sport Equipment

The central location of Sport Equipment (EG: location of a fixed structure) located on a City of Albany Reserve.

Each piece of sport equipment shall be depicted by a single point feature (Drawing 5).

The attributes for this layer are specified in Table 4.4.

Drawing 5: Sport equipment

3.2.5. Facilities

The location of amenities and facilities (EG: BBQs and furniture) that are the responsibility of the City.

Each amenity shall be depicted by a single point feature (Drawing 6).

The attributes for this layer are specified in Table 4.5.

Drawing 6: Facilities

3.2.6. Bin Structure

The centre location of the structures related to domestic public bins that are managed by the City. This includes the bin surrounds and mounting poles. The bin receptacle is not captured due to the short life and operational requirements of this asset.

Each bin structure shall be depicted by a single point feature (Drawing 7).

The attributes for this layer are specified in Table 4.6.

Drawing 7: Bin structure locations

3.2.7. Pumps Bores

The location of groundwater bores and reticulation water pumps. Where multiple pumps are installed each pump is to be represented by a point feature. Bores and pumps that are housed in a structure (like a pump house or a cabinet) require the structure to be recorded as a Minor Structures in BUILT SPECIFICATION.

Each pump shall be depicted by a single point feature.

The attributes for this layer are specified in .

3.2.8. Reticulation Points

The location of reticulation points such as sprinkler heads and valves that are maintained by the City.

Each reticulation point shall be depicted by a single point feature (Drawing 8).

The attributes for this layer are specified in Table 4.8.

Drawing 8: Reticulation points
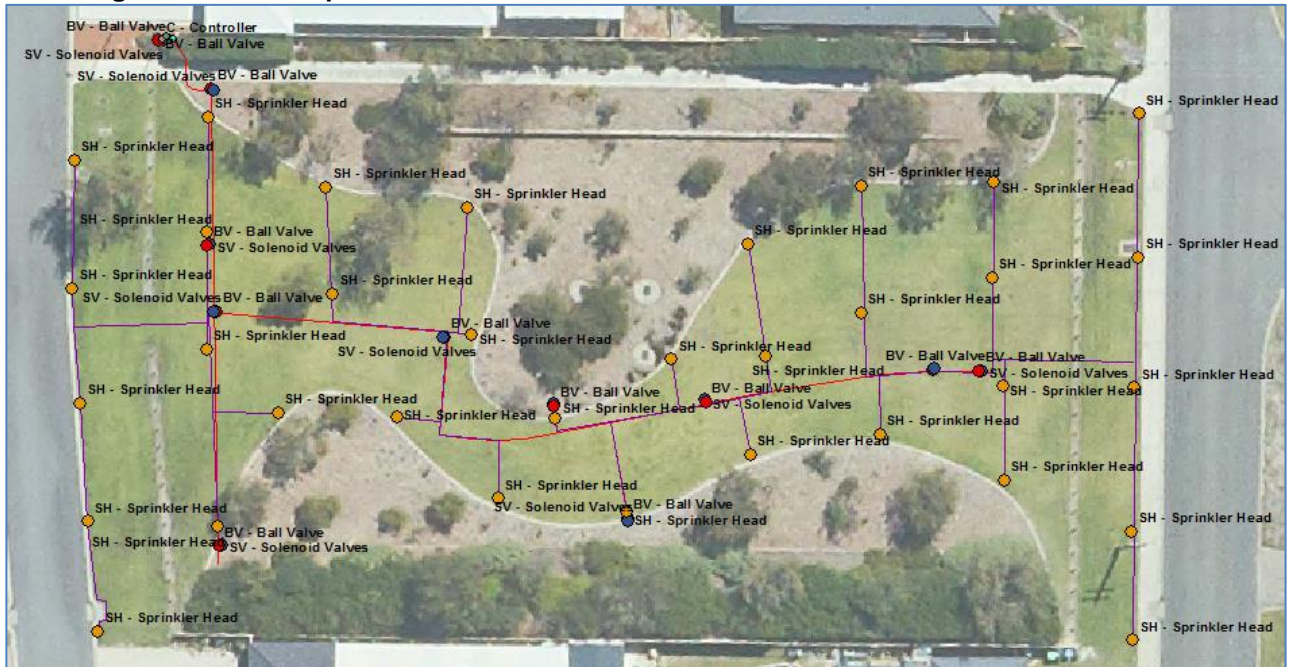
3.2.9. Reticulation Lines

The location of reticulation supply lines that are managed by the City. This excludes Water Corporation pressure mains.

Each pipe segment shall be depicted by a single polyline feature (Drawing 9). Each line is to run continuously between physical connections (joins, valves, splits). These lines have to be continuous lines between irrigation pits, but do not have to be straight.

The attributes for this layer are specified in Table 4.9.

Drawing 9: Reticulation lines

3.2.10. Barrier Lines

Fence lines, access gates, horizontal logs, lined-up rocks and retaining walls under 500mm. This includes kerbing type barriers used to divide vegetated and landscaping areas, but does not include kerbing associated with parking, roads or vehicle access.

Fire Access Gates are NOT recorded here.

Each barrier shall be depicted by a single polyline feature (Drawing 10).

The attributes for this layer are specified in Table 4.10.

Drawing 10: Barrier Lines

3.2.11. Barrier Points

Bollards and rocks spaced apart to create restricted access. These features are captured individually to allow for ease of auditing and accounting for the total number of assets.

Each barrier shall be depicted by a single point feature (Drawing 11).

The attributes for this layer are specified in Table 4.11.

Drawing 11: Barrier Points

3.2.12. Arts and Memorials

Location of Artwork, Monument or Memorial Plaques in public spaces, including those in roadways, which are maintained or managed by the City.

Each feature shall be depicted by a single point feature (Drawing 12).

The attributes for this layer are specified in Table 4.12.

Drawing 12: Arts & Memorials

3.2.13. Terrain

The perimeters of any landscaping such as garden beds or lawn (turf) areas. This includes fish ponds or fountains, with the piping, pumps and controllers associated with it to be recorded in the irrigation points and pipes, and its walls recorded as barriers.

Significant and dense vegetation of shrubs and trees covering large areas, including revegetation area are also included as landscaping. Large areas of bush in nature reserves are not recorded.

Stone, compacted & paved areas and areas of hard landscaping (not associated to a building license) are also captured as terrain.

Each landscaped area shall be depicted by a single polygon feature (Drawing 13).

The attributes for this layer are specified in Table 4.13.

Drawing 13: Terrain

3.2.14. Trails

Natural Hiking, Cycling, Motorcycle, Equine and 4x4 trails that the City maintains. This does not include any on-road paths or footpaths next to roads, or constructed footpaths in public open space (These constructed paths are defined by national standards and are recorded and audited under different regulations in the TRANSPORT SPECIFICATION).

Fire Access Tracks, Firebreaks and Strategic Firebreaks are a restricted access 'Trail' and NOT recorded here. Firebreaks closed for rehabilitation are recorded here.

Each trail shall be depicted by a single polyline feature, along the centre of the travelled path (Drawing 14).

The attributes for this layer are specified in Table 4.14.

Drawing 14: Trails

3.2.15. Trail Features

Features and constructions that apply to the management of trails, like erosion control, rehabilitation spots, duck boards, water bars, etc. This does not include trail signage, which is part of INFORMATION SIGNS.

Each feature shall be depicted by a single point feature.

The attributes for this layer are specified in Table 4.15.

3.2.16. Info Signs

Location of information and interpretive signage, visitor risk, bird and dog information, trail signs and signs related to access control. Info Signs do not include signs located in a road reserve and therefore related to parking and traffic management (regulatory signs). Where information boards are housed in a structure, the sign is recorded here as a point, but the structure itself is recorded as a Minor Structure in the BUILT SPECIFICATION. Emergency and OHS signs are NOT recorded here.

Each sign shall be depicted by a single point feature.

It is preferable to provide a photo of each sign feature in a Sub Folder of the submission. The folder should be named INFO_SIGNS, and the photo file referenced with a relative path in the IMAGE attribute (e.g. "info_signs\123.jpg")

The attributes for this layer are specified in Table 4.16.

3.2.17. Tanks

Location of tanks used for water storage or collection with the non-potable purpose of irrigation. Septic systems are recorded in SERVICES SPECIFICATION. Tank stands are structural and are recorded in the BUILT SPECIFICATION.

Each tank location shall be depicted by a single point feature.

The attributes for this layer are specified in Table 4.17.

3.2.18. Trees

Large isolated or significant trees in open spaces that the City manages. This includes street trees, which are trees located on road verges and islands inside the cadastral road reserve boundary. They can also include heritage or significant trees in other locations that are maintained by the City.

Each tree shall be depicted by a single point feature.

The attributes for this layer are specified in Table 4.18.

3.2.19. Lights

Only lighting in public open space like parks and pathway lights. This includes up-lights on significant trees and features, security and area lighting, and bollard/seat/gazebo lights. Lights that are primarily for lighting a road reserves or parking lots are recorded in the Transport Specification.

Each light shall be depicted by a single point feature.

The attributes for this layer are specified in Table 4.19.

3.3.   Acceptance Testing

Please note that MANAGED SPACE SPECIFICATION reflects the City of Albany's requirements to record the asset.   Contractual and compliance requirements, such as provision of marked-up drawings, are separate to this specification.

❗ Attributes must comply with all the specifications in Section 4. Non-compliance will fail the acceptance testing.

❗ Please note that Data Validation is implied by the feature type, attribute data types and content descriptions provided in Section 4. Contractors still have to ensure the data is correct.

3.4.   Matching Existing Infrastructure

It is the responsibility of the consultant to ensure the "As Constructed" digital data of the assets are related to the current data held by the City of Albany.

The City of Albany will make available an extract of any digital drainage data held in their GIS that cover the specific project area. In some instances, there may not be any data available or available data may not have been verified.

4. **Attribute Specifications**

All submissions will be provided in the preferred datum of City of Albany (MGA50 & AHD) as described in the CITY OF ALBANY SPATIAL DATA SPECIFICATION framework document.

As all new cadastral information is placed on the MGA grid it is an expectation that all data provided by Contractors will be representative of this level of accuracy.

- All fields are to be populated in accordance with the notes and codes supplied in this document.

- All attribute files are to use the Column Names and Data Types set out in this section. Column names are restricted to 10 characters for compatibility (i.e. for ESRI Shape-files).

- All attributes marked with an M in the tables must be provided, and will fail the acceptance testing if not provided. **M = Mandatory Attribute**

- All attributes marked with an 'I' in the tables are for internal use. **I = Internal Attribute**

4.1. SPORT_FIELDS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Type of field: EG: Football, Cricket, Multi-Purpose (Table 5.1)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
	NAME	Alpha	50 chars	No commas	Name of feature, EG: Collingwood Park Football Reserve
M	USE_1	Alpha	30 chars	No commas	Type of use, EG: Football
	USE_2	Alpha	30 chars	No commas	Type of use, EG: Cricket
M	SURFACE	Alpha/Numeric	5 chars	No commas	Playing surface, EG: Grass, Concrete etc (Table 5.2)
	CONST_CO	Alpha	100 chars	No commas	Company name only, EG: Cranium Construction
M	PLACE_DATE	Alpha/Numeric	10 char	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
I	CONDITION	Whole Number	n/a	No commas	Condition Rating
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.2.   PLAY_AREAS

	Column Name	Data Type	Max Length	Comments	Contents
M	AREA_NAME	Alpha	50 chars	No commas	Playing area common name
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	SURFACE	Alpha/Numeric	5 chars	No commas	Synthetic Grass, Woodchip etc (Table 5.2)
	CONST_CO	Alpha	100 chars	No commas	Company name only, EG: Playright
M	PLACE_DATE	Alpha/Numeric	10 char	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
I	CONDITION	Whole Number	n/a	No commas	Condition Rating
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.3. PLAY_EQUIPMENT

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Equipment Type, EG: SD ([Table 5.3](#))
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Material, EG: Bronze ([Table 5.5](#))
	INSP_SCHED	Alpha/Numeric	25 char	No commas	General Inspection Schedule, EG: Monthly, Annual
	MANUFACT	Alpha	100 chars	No commas	Manufacturer, EG: Kompan
	MODEL_NO	Alpha	25 chars	No commas	Model Number, EG: 65-004-B
M	PLACE_DATE	Alpha/Numeric	10 char	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	CONDITION	Whole Number	n/a	No commas	Condition Rating
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity ([Table 5.30](#))
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.4.   SPORT EQUIPMENT

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Equipment Type, EG: SD (Table 5.4)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Material, EG: Bronze (Table 5.5)
	INSP_SCHED	Alpha/Numeric	25 char	No commas	General Inspection Schedule, EG: Monthly, Annual
	MANUFACT	Alpha	100 chars	No commas	Manufacturer, EG: Kompan
	MODEL_NO	Alpha	25 chars	No commas	Model Number, EG: 65-004-B
M	PLACE_DATE	Alpha/Numeric	10 char	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
I	CONDITION	Whole Number	n/a	No commas	Condition Rating
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.5.   FACILITIES

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Amenity Type, EG: BBQ, Park Table (Table 5.6)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First 1-3 char relate to Table 3.6	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Material made out of, EG: Steel (Table 5.7)
	MANUFACT	Alpha	100 chars	No commas	Company name only, EG: Lunds Pty Ltd
	MODEL_NO	Alpha	25 chars	No commas	Model number, EG: JK-001-A
	CLEANERS	Alpha/Numeric	50 chars	No commas	Entity responsible for cleaning the facility EG: "Lease" or "Cleanaway"
M	PLACE_DATE	Alpha/Numeric	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
M	CONDITION	Whole Number	n/a	No commas	BBQ's (Table 6.1) Furniture (Table 6.2) 1(serviceable); 2(maintenance); 3(failed)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.6. BIN_STRUCTURE

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Surround or Pole Type, (Table 5.8)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First 3 char = "BIN"	A unique field reference. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BIN13"
M	MATERIAL	Alpha	5 chars	No commas	Material made out of, EG: Plastic (Table 5.7)
	MANUFACT	Alpha	100 chars	No commas	Company name only, EG: Furphy Pty Ltd
	MODEL_NO	Alpha	25 chars	No commas	Model number of bin surround, EG: Ef-456-S
M	PLACE_DATE	Alpha/Numeric	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
M	CONDITION	Whole Number	n/a	No commas	Bin Structure Condition Rating (Table 6.3)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.7.   PUMPS_BORES

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Type of Bore and pump (Table 5.9)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	METERED	Alpha	1 chars	Yes/No field	Is metered. EG: 'Y' or 'N'
	BORE_DIAM	Integer	n/a	Whole mm	Diameter size of the bore EG: 1500mm
	BORE_DEPTH	Integer	n/a	Whole m	Depth of the Bore in metres EG: 250m
	BORE_FLOW	Integer	n/a	Whole Litres	Bore Flow Rate/Capacity EG: 20 litres per hour
M	B_INS_DATE	Alpha/Numeric	10 chars	dd/mm/yyyy	Bore Installation date, EG: 1997 or 17/05/2001
	B_REP_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	P_MANUFAC	Alpha	100 chars	No commas	Bore Pump Manufacturer, EG: Netafim Australia
M	P_MODEL	Alpha/Numeric	20 chars	No commas	Bore Pump Model Number EG: 65-004-B
M	P_INS_DATE	Alpha/Numeric	10 chars	dd/mm/yyyy	Pump Installation date, EG: 1997 or 17/05/2001
	P_EXP_LIFE	Whole Number	n/a	Years	Expected life in Years
	P_REP_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.8. RETICULATION_POINTS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Reticulation point Type, EG: Sprinkler, Controller, Flow meter (Table 5.10)
M	SUB_TYPE	Alpha	5 chars	No commas	Sub type (Table 5.11)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
	STATION_NO	Whole Number	n/a	Whole Number	Station Number of the pipe
	MANUFACT	Alpha	100 chars	No commas	Manufacturer, EG: Netafim Australia
	MODEL_NO	Alpha	20 chars	No commas	Model Number, EG: 65-004-B
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.9.   RETICULATION_LINES

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Reticulation line Type (Table 5.12)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Material EG: PE (polyethylene) (Table 5.13)
M	DIAMETER	Whole Number	n/a	Whole mm	Diameter EG: 150 mm
M	DRIP_LINE	Alpha	1 char	Yes/No field	Is it a drip line
	STATION_NO	Whole Number	n/a	Whole Number	Station Number of the pipe
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.10. BARRIER_LINES

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Barrier function, EG: fence, gate or wall (Table 5.14)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Barrier material, EG: Double Brick (Table 5.16)
M	WIDTH	Whole Number	n/a	Whole mm	Width of the barrier EG: 250 in millimetres. Length is that of the line.
M	HEIGHT	Whole Number	n/a	Whole mm	Height of the barrier EG: 2100 in millimetres
	MANUFACT	Alpha	100 chars	No commas	Manufacturer name, EG: Mathos Group Pty Ltd
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
M	CONDITION	Whole Number	n/a	No commas	For Gates (Table 6.5) For Fences (Table 6.6)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.11. BARRIER_POINTS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Barrier point type, EG bollard, rock (Table 5.15)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Barrier material, EG: Double Brick (Table 5.16)
M	HEIGHT	Whole Number	n/a	Whole mm	Height of the barrier EG: 2100 in millimetres
	MANUFACT	Alpha	100 chars	No commas	Manufacturer name, EG: Mathos Group Pty Ltd
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	For Bollards (Table 6.7) 1(serviceable); 2(maintenance); 3(failed)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.12. ARTS_MEMORIALS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	25 chars	No commas	EG: Plaque, Statue, Sculpture Table 5.17)
	DESC	Alpha	150 chars	No commas	Description or Name of Artwork, EG: Statue of Child
	ARTIST	Alpha	100 chars	No commas	Artist Name only, EG: Peter Graham
	BENEFACTOR	Alpha	100 chars	No commas	Benefactor of this memorial or art
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
	MATERIAL	Alpha	100 chars	No commas	Material, (Table 5.7)
	MOUNTING	Alpha	50 chars	No commas	Single pole; On a chair; Concrete base
	RISK_ASMT	Alpha/Numeric	100 chars	No commas	Safety or Risk Assessment undertaken by
	ENG_RPT	Alpha/Numeric	100 chars	No commas	Engineering Report undertaken by
	ELEC_CERT	Alpha/Numeric	50 chars	No commas	Electrical Certification (where artwork is electrical or has lighting)
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	Condition: 1(serviceable); 2(maintenance); 3(failed)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new, or Insurance Purposes
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset
	PHOTO_PATH	Alpha/Numeric	250 chars	No commas	File path to image

4.13. TERRAIN

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Type of Landscaping terrain, EG: Garden Bed, Lawn Area, Rehabilitation Area, Manmade lake (Table 5.18)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	5 chars	No commas	Material (Table 5.19)
	DESIGN_CO	Alpha	100 chars	No commas	Company name only, EG: Terra Australis Landscaping
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.14. TRAILS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Primary Use/Type of track (Table 5.20)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
	BASE_MAT	Alpha	25 chars	No commas	Sand, Limestone, Gravel, Grass, Rubber belting
	TRAIL_NAME	Alpha	100 chars	No commas	Name of track/trail
	ADD_USE	Alpha	50 chars	No commas	Any additional use for multiple use trails
	DIFFICULTY	Alpha	15 chars	No commas	Easy, Moderate, Strenuous, Very Difficult
	MOU_REF	Alpha/Numeric	50 chars	No commas	Synergy reference for Maintenance Orders that applies to this trail
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	General condition of track (Table 6.8)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.15. TRAIL_FEATURES

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	50 chars	No commas	Water Bar; Duck Board (Table 5.21)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	25 chars	No commas	Wood, Gravel, Aggregate
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	1(serviceable); 2(maintenance); 3(failed)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.16. INFO_SIGNS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Function of Signage (Table 5.22)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	25 chars	No commas	Material, (Table 5.7)
	WORDING	Alpha	200 chars	No commas	Summary or description if symbolic. EG. Camp information
	WIDTH	Whole Number	n/a	Whole mm	Width of sign
	HEIGHT	Whole Number	n/a	Whole mm	Height of sign
	NO_POSTS	Whole Number	n/a		Number of Post EG: 3
	IMAGE	Alpha	255 chars	No commas	Relative Path to the file in the INFO_SIGNS subfolder; "info_signs\123.jpg"
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	Condition rating (Table 6.9)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.17. TANKS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Tank Use/Function: Potable, non-Potable (Table 5.23)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
M	MATERIAL	Alpha	25 chars	No commas	Material, EG: Bronze
	CAPACITY	Whole Number	n/a	Whole Litres	EG. 13600
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	Condition rating of tank (Table 6.10)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.18. TREES

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Purpose of the tree (Table 5.24)
	TREE_ID	Alpha/Numeric	15 chars	No commas	Reference Number. Unique Asset identifier, used for accounting & asset management
	COMMON_NAM	Alpha	50 chars	No commas	Common Name
	BOTAN_NAM	Alpha	50 chars	No commas	Botanical Name
	TRUNK_DIAM	Whole Number	n/a	Whole cm	Current trunk diameter in centimetres at Chest Height (+- 1m) - DBH
	HEIGHT	Whole Number	n/a	Whole metres	Current tree height in metres
	SPREAD	Whole Number	n/a	Whole metres	Current canopy spread in metres
	INFRASTRUC	Alpha	25 chars	No commas	Infrastructure near this tree that can be impacted/damaged by the tree
	HEALTH	Alpha	5 chars	No commas	General health observation at LAST_AUDIT. USE: "Good", "Fair", "Poor"
	WORKS_REQ	Alpha	1 chars	Y/N	Requires Works Request
	RECOMMEND1	Alpha	100 chars	No commas	Recommended action to be taken on this tree (e.g. explain the need for WORKS_REQ)
	RECOMMEND2	Alpha	100 chars	No commas	Recommended action to be taken on this tree (e.g. explain the need for WORKS_REQ)
	RECOMMEND3	Alpha	100 chars	No commas	Recommended action to be taken on this tree (e.g. explain the need for WORKS_REQ)
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Date planted, EG: 2010; 17/05/2001
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

4.19. LIGHTS

	Column Name	Data Type	Max Length	Comments	Contents
M	FEAT_TYPE	Alpha	5 chars	No commas	Lighting Type (Table 5.25)
	FIELD_REF	Alpha/Numeric	10 chars	No commas First chars are the FEAT_TYPE	A unique field reference to this asset. This attribute does not necessarily change when the asset is replaced or moved. It is not an asset ID for tracking, but rather a long term in-field & contractual reference. EG "BBQ7"
	MANUFACT	Alpha	100 chars	No commas	Manufacturer name, EG: Mathos Group Pty Ltd
	HEIGHT	Whole Number	n/a	Whole metres	Height from top of BASE to top of structure
	POLE_MAT	Alpha	5 chars	No commas	Pole Material (Table 5.26)
	POLE_COAT	Alpha	5 chars	No commas	Pole Coating (Table 5.27)
	BASE_DIM	Alpha	17 chars	WxLxH	Dimensions of Base in mm (WidthxLengthxHeight) or "BURIED"
	BASE_CONS	Alpha	5 chars	No commas	Base Construction type & material (Table 5.28)
M	LED	Alpha	5 chars	No commas	Yes/No
	LAMP_TYPE	Alpha	5 chars	No commas	Globe type (Table 5.29)
	WATTAGE	Whole Number	n/a	Whole Number	Globe wattage
	NO_LAMPS	Whole Number	n/a	Whole Number	Number of Lamps
M	PLACE_DATE	Alpha	10 chars	dd/mm/yyyy	Creation/Construction/Installation date, EG: 2010; 17/05/2001
I	CONDITION	Whole Number	n/a	No commas	General Pole condition (Table 6.11)
I	COND_BY	Alpha	15 chars	No commas	Condition surveyor
	ASSET_ID	Alpha/Numeric	15 chars	No commas	Unique Asset identifier, used for accounting & asset management
	EXPEC_LIFE	Whole Number	n/a	Years	Expected life in Years
	REPL_COST	Decimal Number	n/a	Currency	Replacement cost of Asset as new
	LAST_AUDIT	Date	n/a	dd/mm/yyyy	Date of the previous audit or CONDITION assessment EG: 12/06/2012
	OWNER	Alpha/Numeric	100 chars	No commas	Responsible Entity (Table 5.30)
I	COA_REF	Alpha/Numeric	20 chars	No commas	Synergy file or record number
M	SOURCE_REF	Alpha/Numeric	20 chars	No commas	Plan Number or Survey Job Reference: EG: 6080R212
M	SOURCE	Alpha/Numeric	100 chars	No commas	Source name and additional details related to the SOURCE_REF; EG: As-Constructed Plan; Designed Drawing; Great Southern Surveyors - Stage 2 – 09/02/2013; CoA Assets Surveyor – Bob Jones – 15/07/2009
	COMMENTS	Alpha/Numeric	150 chars	No commas	Any additional comments that relate to this asset

5. Code Lists

Code lists are used to standardise terminology by providing a list of item descriptions relating to a particular attribute. A number of attributes specified in the Section 4 require the input of these codes.

Consultants please note that should a code not exist within an attribute code list, mark the entity as code UNK, then write the new code and an appropriate description in the comment field. Please pre-empt this situation by communicating such anomalies to the City of Albany promptly (email: cityassets@albany.wa.gov.au).

5.1. Sport Field Type

Code	Description	Comment
MP	Multi Purpose Field	
ATBD	Athletics Track	
CW	Cricket Wicket	
FB	Football	
SC	Soccer	
GC	Golf Course	
HK	Hockey	
TC	Tennis Court	
LB	Lawn Bowls Green	
NB	Netball	
BB	Basketball	
BMX	BMX Track	
SP	Skate Park	
UNK	UNKNOWN	Use when not known

5.2. Surface Type

Code	Description	Comment
S	Sand	
R	Rubber/Synthetic	Softfall^{TM}
C	Concrete	Skate Parks, Basketball
G	Grass	Grass that is mowed
W	Woodchip/Pine/Lose Mulch	Mulch
ST	Synthetic Turf	
CP	Cricket Pitch	
GR	Gravel	
UNK	UNKNOWN	Use when not known

5.3. Play Equipment Type

Code	Description	Comment
1R	Single Rocker	
2R	Double Rocker	
4R	Four Way Rocker	
SS	Spring Seesaw	
CN	Climbing Net	SPIDA Climber
CL	Large Combination Play Unit	
CM	Medium Combination Play Unit	
CS	Small Combination Play Unit	
LS	Liberty Swing	
SC	Swing Combination: senior and junior	
SWJ	Swing Set Junior	
SWS	Swing Set Senior	
SD	Slide	
RAB	Round-a-bout	
AP	Activity Panel	
BB	Balance Beam	
FWBS	Four Way Balance Swing	
PB	Play Bridge	
CR	Carousel	
CB	Chin Up Bar	
CBR	Clatter Bridge	
CT	Cross Trainer	
EX	Excavator	Backhoe Unit
HK	Hammock Swing	
HGU	Hang Glide Unit	
LD	Ladder	
LR	Log Roll	
PL	Parallel Bars	
PC	Play Car	
PUB	Push Up Bar	
SKS	Skate Swing	
SR	Spring Rider	
SP	Standing Spinner	
TS	Track Side	
UNK	UNKNOWN	Use when not known

5.4.   Sport Equipment Type

Code	Description	Comment
BH	Basketball Hoop	
NH	Netball Hoop	
GP	Goal Post	
CP	Catcher Pole	Sits behind goals
SN	Soccer Net	
FE	Fitness Equipment	

5.5.   Equipment Material

Code	Description	Comment
RU	Rubber	
FG	Fibreglass	
M	Metal	
P	Plastic	
R	Rope	
W	Wood	
UNK	UNKNOWN	Use when not known

5.6.   Facilities Type

Code	Description	Comment
GBBQ1	Gas Barbeque – 1 plate	
GBBQ2	Gas Barbeque – 2 plate	
EBBQ1	Electric Barbeque – 1 plate	
EBBQ2	Electric Barbeque – 2 plate	
SBBQ1	Solar Barbeque – 1 plate	Includes associated pole and solar panel
SBBQ2	Solar Barbeque – 2 plate	Includes associated pole and solar panel
FPT	Fire Pit	
DF	Drinking Fountain	
PS	Park Seat	
PT	Park Table	
DAPT	Disabled Access Park Table	
BR	Bike Rack	
WCL	Wheel Chair Lockers	
OS	Outdoor Shower	
WW	Wishing Well	
FP	Flag Pole	
DPB	Dog Poo Bag	
UMB	Umbrella/Shade Sail	
HB	Honour Box	
B	Binoculars	
BRS	Bike Repair Station	
WF	Water Fountain	
UNK	UNKNOWN	Use when not known

5.7.   Material

Code	Description	Comment
M	Metal	
SS	Stainless Steel	
GS	Galvanised Steel	
B	Brick	
C	Concrete	
W	Wood	
G	Granite	
FR	Formed Rock	
RP	Replas	
P	Plastic	
PC	Powder Coated	
HDPE	High Density Polyethylene	
UNK	UNKNOWN	Use when not known+3 .

5.8.   Bin Structure

Code	Description	Comment
LR	Litter Receptacle Surround	
RR	Recycle Receptacle Surround	
S	Single Pole	
UNK	UNKNOWN	Use when not known

5.9.   Pump Bore Type

Code	Description	Comment
B	Bore	
CP	Centrifugal Pump	
SP	Submersible Pump	
SUP	Sump Pump	
VMP	Vertical Multi-stage Pump	
WW	Wet Well	
UNK	UNKNOWN	Use when not known

5.10. Reticulation Point Type

Code	Description	Comment
SH	Sprinkler Head	
SV	Solenoid Valve	
BFV	Butterfly Valve	
BV	Ball Valve	
GV	Gate Valve	
C	Controller	
F	Filter	
WM	Water Meter	
M	Mains connection	Connection to scheme mains
FS	Flow Sensor	
CC	Controller Cabinet	
CP	Cable Pit	Joining of one or more cables, with a pit
BF	Back Flow Prevention	Back Flow Prevention Device
VA	Air Valve	
UNK	UNKNOWN	Use when not known

5.11. Reticulation Point Sub-Type

Code	Description	Comment
SHI	I-25 Sprinkler Head	
SHPGP	PGP Sprinkler Head	
SHMP	MP Rotator Sprinkler Head	
SHS	Sprayer Sprinkler Head	
SO	Sprinkler Other	For other types of sprinklers
V200	200mm Valve	
V150	150mm Valve	
V100	100mm Valve	
V80	80mm Valve	
V50	50mm Valve	
V40	40mm Valve	
V25	25mm Valve	
FM	Filter Manual	
FA	Filter Automatic	
FO	Filters Other	For other types of filters
ACC	AC Controller	
DCC	DC Controller	
IV	Isolation Valve	
RPZ	Reduced Pressure Zone	Backflow Prevention Device
DCV	Dual Check Valve	Backflow Prevention Device
UNK	UNKNOWN	Use when not known

5.12. Reticulation Line Type

Code	Description	Comment
M	Main	
L	Lateral	
C	Communications Line	
UNK	UNKNOWN	Use when not known

5.13. Reticulation Line Material

Code	Description	Comment
PVC	Polyvinyl Chloride Pipe	
PP	Polyethylene Pipe	
C	Pressurised Copper	
UNK	UNKNOWN	Use when not known

5.14. Barrier Line Type

Code	Description	Comment
F	Fence	
DK	Dividing kerbing	Kerb in garden bed
RW	Retaining wall under 500mm	
G	Access Gate (not Fire Gates)	Entry gates. Do Not include Fire Gates
WDK	Windbreak	Around BBQ's and Trees (Picket Fence)
PR	Post & Rail	Posts & Rail Fence
RL	Ring Lock Fence	
EF	Electric Fence	Electric
UNK	UNKNOWN	Use when not known

5.15. Barrier Point Type

Code	Description	Comment
R	Placed Rock/Stone	
B	Bollard	
GP	Guide Post	
P	Pole	
UNK	UNKNOWN	Use when not known

5.16. Barrier Material

Code	Description	Comment
R	Rock/Stone	
B	Brick	
SS	Stainless Steel	
SPC	Steel Powder coated	
SP	Steel Painted	
CR	Cast Iron	
GS	Galvanised Steel	
PVC	PVC	Pseudo post and rail in PVC
W	Wood	
CB	Colorbond®	
CL	Chain Lock	Chain-lock fence (also chainwire)
CLP	Chain Lock – PVC	Chain Lock fence with PVC coating
C	Concrete	
L	Limestone blocks	
CHN	Chain	spanned between bollards
UNK	UNKNOWN	Use when not known

5.17. Arts Memorials Type

Code	Description	Comment
ST	Statue	
MM	Monument	
HST	Historical Statue	Historically significant structure
HMM	Historical Monument	Historically significant structure
PLQ	Plaque	Plaque
PA	Public Art	Structure/installation with artistic component
SCT	Sculpture	Structure/installation with artistic component
MRL	Mural	Structure/installation with artistic component
UNK	UNKNOWN	Use when not known

5.18. Terrain Type

Code	Description	Comment
HL	Hard Landscaping	Stone, compacted & paved areas, also hard stands or concrete that stand alone and not associated to a building license (ie. concreted area in a park)
GB	Garden Bed	
LA	Lawn Area	
HG	Hedge	
HR	Habitat Rehabilitation Area	
DV	Dense Vegetation	Shrubs & trees covering larger areas
WF	Water Features	Fountain
SF	Sport Area Foundation	Built foundation underneath sports surface (eg; Hockey Field)
UD	Undeveloped Areas	
UNK	UNKNOWN	Use when not known

5.19. Terrain Material

Code	Description	Comment
CONC	Concrete	
RE	Rammed Earth	
L	Limestone	
G	Gravel	
RB	Road base	
S	Stone	
MW	Mulch or Woodchip	
V	Vegetated	Landscaped plantings
GR	Grass	
SA	Sand	
P	Pebbles	
CL	Clay	
TI	Timber	
AGG	Exposed Aggregate	Type of Concrete
PAV	Paving Brick	Or normal brick used as paving
COB	Cobble Stone	
UNK	UNKNOWN	Use when not known

5.20. Trail Type

Code	Description	Comment
MU	Multiple/Shared use	
H	Hiking	Bushwalkers
MB	Mountain Bike	
E	Equestrian	Horse Trail
M	Motorcycle	
4X4	Four Wheel Drive	
CR	Closed Track/Trail	Closed for rehabilitation or other reasons
UF	Un-formalised Footpath	Pathways between amenities that don't conform to Australian standards (a flag for risk review)
UNK	UNKNOWN	Use when not known

5.21. Trail Features

Code	Description	Comment
WB	Water Bar	
DB	Duck Board	
CG	Cavaletti Gate	Allows horses whist excluding vehicles
UNK	Unknown	

5.22. Sign Type

Code	Description	Comment
II	Information/Interpretive Signs	All other signage outside road reserves
VR	Visitor Risk signage	E.g. Dangerous cliff/coast
B	Bird information	Bird habitat and species information
D	Dogs	Dog exercise inclusion and exclusion zones
N	Park/Reserve Name	Park/Reserve entry sign
UNK	UNKNOWN	Use when not known

5.23. Tank Use

Code	Description	Comment
P	Potable Water	(health inspections)
NP	Non-Potable	Not for drinking
RWS	Reticulation Water Supply	
GS	Goose Neck	180° pipe for ventilation
UNK	UNKNOWN	Use when not known

5.24. Tree Type

Code	Description	Comment
S	Street Tree	
I	Individual / Significant	Trees standing in isolation from other vegetation in open spaces, or trees of significance in densely vegetated areas.
H	Heritage Protected	Heritage listed tree
C	Culturally Significant	Includes tree with memorial plaque
UNK	UNKNOWN	Use when not known

5.25. Lighting Type

Code	Description	Comment
U	Up light	N/A for pole shape & pole coating
US	Up light – Solar Powered	N/A for pole shape & pole coating
A	Area/Flood Light	Post mounted, includes flood lights
AS	Area/Flood Light – Solar Powered	Post mounted, includes flood lights
B	Bollard Light	
BS	Bollard Light – Solar Powered	
S	Sporting Field Light	
UNK	UNKNOWN	Use when not known

5.26. Lighting Pole Material

Code	Description	Comment
ST	Steel	
W	Wood	
Al	Aluminium	

5.27. Lighting Pole Coating

Code	Description	Comment
P	Painted	
PC	Powder Coated	
G	Galvanized	
UC	Uncoated	
UNK	UNKNOWN	Use when not known

5.28. Lighting Base Type

Code	Description	Comment
CO	Concrete	
DB	Direct Buried	
CSB	Concrete Slip-Base	
UNK	UNKNOWN	Use when not known

5.29. Lighting Lamp Type

Code	Description	Comment
MV	Mercury Vapour	
MH	Metal Halide	
HPS	High Pressure Sodium	
LPS	Low Pressure Sodium	
CF	Compact Fluorescent	
LED	Light Emitting Diode	
FLU	Fluorescent lighting	Older style, rarely used (flood lights)
UNK	UNKNOWN	Use when not known

5.30. Owner

Code	Description	Comment
COA	City of Albany	
CAL	City of Albany – Leased	
SGU	State Government Departments / Utilities	Western Power, Telstra MRWA etc
PVT	Private	On Private Land

6. Condition Ratings

Condition Ratings are generally in three classes. The maintenance demand is related to these classes:

- Rating 1 is serviceable with no maintenance required;
- Rating 2 requires maintenance but is still functioning;
- Rating 3 requires immediate attention. The asset has failed and is posing a risk.

A rating of 0 (zero) is only used when an asset has not been rated. This situation should be avoided.

6.1. BBQ Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident, In need of maintenance within a year and major renewal within 3 years. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.2. Park Furniture Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Visible deterioration, Some attention needed. Repainting or oiling necessary to remove graffiti and to prevent wood rot. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at adequate level of service. Work required but asset is still serviceable.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Hazards exist which present a possible risk to public safety. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.3.   Bin Structure Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.4. Wall Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.5.   Gate Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.6. Fence Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.7. Bollard Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident, In need of maintenance within a year and major renewal within 2 years. Asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Safety hazards exist which present a possible risk to public safety. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.8. Trails Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.9. Info Sign Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.10. Tank Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

6.11. Lighting Condition Rating

Rating	Condition	Example	Description
1	Very Good		New or as new, sound physical condition. No work required.
2	Moderate		Deterioration evident. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at an adequate level of service.
3	Very Poor		Failed or failure imminent. Immediate need to replace most or all of asset. Health and safety hazards exist which present a possible risk to public safety, or asset cannot be serviced without risk to personnel. Major work or replacement required urgently.
0	NOT RATED		Asset has not been rated

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		1.2.17 heading. Correct section 1 and 2 table references. Remove reference to the emergency specification. Code update 3.11, 3.25.	
1.2	Rebekah Polette	Update to drawings. Deleted non-applicable sport field codes. Added code CP to Play Equipment, added BRS to Facilities, Deleted code HR from Barrier Lines. New code (SF) to Terrain table, added codes G, RB and V to terrain materials table. Additional codes in Lighting for Solar powered lights.	14/12/2017
1.3	Rebekah Polette	Addition of Sport Equipment feature class, Public Bins changed to Bin Structure, Removed reference to sewer pumps in 1.2.7. Parking Ticket Machine moved to TRANSPORT SPECIFICATION. Fish Cleaning Station moved to BUILT SPECIFICATION. Lighting tables updated to include pole material and pole shape table removed. Addition of Owner table and COA_ref fields and Cond_By added to all tables in section 2	14/05/2019