



2.11 ASSET REGISTER

The asset register is an essential part of the engineering and architectural plans and should be accurate and included on the leading drawing, generally in accordance with the proforma set out in **Table D1.1**. The applicant is required to identify and quantify the asset only as the actual construction costs may not be known at the design stage. The register should include all structures and items associated with the subdivision or development that which will be handed over to Council following Off Maintenance. These items are generally referred to as **donated or contributed assets**.

Table D1.1 lists a comprehensive set of donated assets excluding water supply and sewerage items. It is envisaged that only a subset of the listed items will apply in most cases as the list also incorporates historical asset such as arched brick drains and heritage construction material such as porphyry. The applicant should not assume that the listed item will imply automatic acceptance of a particular material or product, for example, the use of pavers is now restricted.

The final **asset register should reflect the actual construction and should be submitted as part of the As Constructed Drawings**. For each item, the applicant should specify the asset type, quantity, unit rate, and estimated value. Council will use the unit rates solely for the purpose of asset valuation and capitalisation.



TABLE D1.1 ASSET REGISTER PROFORMA

ASSET INVENTORY DATA SHEET										
Create new assets <input type="checkbox"/>			Delete assets from register <input type="checkbox"/> (Tick the relevant box)							
Item	Description						Unit	Design Qty	As Constructed Qty	
1.00	ROADS: PAVEMENTS									
	<i>Road/park name, suburb</i> (eg Day Street, Carindale)	<i>Link nodes</i> (eg Nadine Street to Richardson Street)	<i>Road classification</i> A: local access cul-de-sac B: local access C: neighbourhood access D: district access/ suburban route E: industrial access F: arterial route minor G: arterial route major	<i>Surface type</i> Asphalt Pavers Concrete Spray seal	<i>Surface thickness (mm)</i>	<i>Pavement type</i> Concrete Full depth asphalt Unbound granular Stabilised Not applicable	m ²			
2.00	ROADS: BULK EARTHWORKS TO SUBGRADE LEVEL									
	<i>Road/park name, suburb</i> (eg Day Street, Carindale)	<i>Link nodes</i> (eg Nadine Street to Richardson Street)					Earthworks on leads	m ³		
							Earthworks to spoil	m ³		
							Imported fill	m ³		
3.00	KERB & CHANNEL									
	<i>Road/park name, suburb</i> (eg Day Street, Carindale)	<i>Link nodes</i> (eg Nadine Street to Richardson Street)	<i>Type</i> Kerb only Kerb & channel Natural Table drain	<i>Material</i> Stone block Concrete Porphyry	<i>Street side</i> Odd number Even number Both sides	m				



ASSET INVENTORY DATA SHEET

Create new assets Delete assets from register (Tick the relevant box)

Item	Description			Unit	Design Qty	As Constructed Qty
4.00	FOOTPATHS					
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Link nodes</i> eg Nadine Street to Richardson Street	<i>Material type</i> Asphalt Segmental paver/brick Plain concrete Concrete flagstone Exposed aggregate concrete Formed Part formed Spray seal	<i>Street side</i> Odd number Even number Both sides	m ²	
5.00	MEDIANS					
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Link nodes</i> eg Nadine Street to Richardson Street	Kerb Median infill Concrete Asphalt Pavers Pebbles Landscape		m m ²	



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Create new assets <input type="checkbox"/>			Delete assets from register <input type="checkbox"/>			(Tick the relevant box)						
Item	Description									Unit	Design Qty	As Constructed Qty
6.00	BIKEWAYS											
	<i>Road/park name, suburb</i> eg Day Street, Carindale	<i>Link nodes</i> eg Nadine Street to Richardson Street	<i>Surface</i> Concrete Asphalt	<i>Classification</i> Bicycle path ² Separated path ³ Shared use path ⁴ Bicycle lane ⁵					m ²			
7.00	BRIDGES/BOARDWALKS⁶ AND WHARVES/JETTIES⁷											
	<i>Road/park name, suburb</i> eg Day Street, Carindale	<i>Type</i> Wharf Pier/jetty Boardwalk Roadbridge Footbridge	<i>Subtype</i> Arch Beam Cable stay Cantilever Suspension Truss	<i>Material</i> Concrete Composite Steel Timber	<i>Constructed over</i> Rail Road Water	<i>Services attached</i> Telecomm. Electricity Gas Sewerage Water None Other	<i>No. of spans</i>	<i>Length (m)</i>	<i>Width (m)</i>	m ²		

² A path or path section, often constructed through reserves or along rivers or coastal areas, intended for the exclusive use of cyclists.

³ A path divided into separated sections one of which is designated for the exclusive use of cyclists and an alternate section for other path users.

⁴ A path open to the public that is designated for, or has as one of its main uses, use by both cyclists and pedestrians, but does not include a separated footpath or a footpath adjacent to a road.

⁵ A lane designated for the exclusive use of cyclists generally located at the side of a road carriageway.

⁶ Bridges and boardwalks typically provide raised crossings with clear span over water, rail or road and are supported on piers and abutments.

⁷ Wharf and jetty structures provide secure platforms over water and clear of the tidal surface to facilitate waterway access. These structures are supported on one abutment and a system of piers (pylons).



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Item	Description	Unit	Design Qty	As Constructed Qty																		
8.00	CULVERTS⁸ AND TUNNELS⁹																					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Road/park name, suburb eg Day Street, Carindale</th> <th style="width: 10%;">Type Culvert Tunnel</th> <th style="width: 15%;">Subtype Concrete box Concrete pipe Steel pipe Concrete arch Steel arch</th> <th style="width: 10%;">Length (m)</th> <th style="width: 10%;">No. of cells</th> <th style="width: 10%;">Diameter/width (mm)</th> <th style="width: 10%;">Height (mm)</th> <th style="width: 10%;">Traffic type Vehicular Pedestrian</th> <th style="width: 10%;">Services attached Telecomm. Electricity Gas Sewerage Water None Other</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Road/park name, suburb eg Day Street, Carindale	Type Culvert Tunnel	Subtype Concrete box Concrete pipe Steel pipe Concrete arch Steel arch	Length (m)	No. of cells	Diameter/width (mm)	Height (mm)	Traffic type Vehicular Pedestrian	Services attached Telecomm. Electricity Gas Sewerage Water None Other										m		
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⁸ One or more adjacent pipes or enclosed channels for conveying a watercourse or stream below formation level.

⁹ Closed or roofed structures carrying traffic through or under an obstacle such as mountain, water body, or building.



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Item	Description	Unit	Design Qty	As Constructed Qty							
9.00	SEA/RIVER WALLS¹⁰, RETAINING WALLS¹¹ AND GROYNES¹²										
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"><i>Road/park name, suburb</i> eg Bowman Park, Bardon</th> <th style="width: 15%;"><i>Type</i> River wall Sea wall Groyne Retaining wall</th> <th style="width: 20%;"><i>Subtype</i> Stone pitched Dry packed rock Cantilever concrete Gravity concrete Gabion Concrete block Interlocking block Timber sleepers Crib block Boulders Reinforced earth Timber logs Brick</th> <th style="width: 15%;"><i>Material</i> Porphyry cut Porphyry spall Bluestone Concrete Clay Sandstone Granite Timber</th> <th style="width: 10%;"><i>Length (m)</i></th> <th style="width: 10%;"><i>Max Height (m)</i></th> <th style="width: 15%;"><i>m²</i></th> </tr> </thead> </table>	<i>Road/park name, suburb</i> eg Bowman Park, Bardon	<i>Type</i> River wall Sea wall Groyne Retaining wall	<i>Subtype</i> Stone pitched Dry packed rock Cantilever concrete Gravity concrete Gabion Concrete block Interlocking block Timber sleepers Crib block Boulders Reinforced earth Timber logs Brick	<i>Material</i> Porphyry cut Porphyry spall Bluestone Concrete Clay Sandstone Granite Timber	<i>Length (m)</i>	<i>Max Height (m)</i>	<i>m²</i>			
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¹⁰ Structures constructed to stabilise the banks.

¹¹ Retaining interface structure to stabilise a cutting or embankment.

¹² Low walls built out from the coast into the sea to prevent the continual movement of waves from removing parts of the land.



ASSET INVENTORY DATA SHEET

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Item	Description	Unit	Design Qty	As Constructed Qty						
10.00	PONTOONS¹³									
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border-right: 1px solid black;"><i>Road/park name, suburb</i> eg Bowman Park, Bardon</td> <td style="width: 25%; border-right: 1px solid black;"><i>Material</i> Concrete prestressed Concrete reinforced Concrete mass Concrete autoclaved aerated Steel Stainless steel Aluminium Timber hardwood Timber softwood Timber ply Composite Combination</td> <td style="width: 10%; border-right: 1px solid black;"><i>Public access</i> Yes No</td> <td style="width: 10%; border-right: 1px solid black;"><i>Length (m)</i></td> <td style="width: 10%; border-right: 1px solid black;"><i>Width (m)</i></td> <td style="width: 10%;"><i>m²</i></td> </tr> </table>	<i>Road/park name, suburb</i> eg Bowman Park, Bardon	<i>Material</i> Concrete prestressed Concrete reinforced Concrete mass Concrete autoclaved aerated Steel Stainless steel Aluminium Timber hardwood Timber softwood Timber ply Composite Combination	<i>Public access</i> Yes No	<i>Length (m)</i>	<i>Width (m)</i>	<i>m²</i>			
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¹³ Floating platforms typically supported by a single abutment, with walkway access to the bank at the tidal surface.



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Item	Description						Unit	Design Qty	As Constructed Qty
11.00	BOAT RAMPS¹⁴								
	<i>Road/park name, suburb</i> eg Bowman Park, Bardon	<i>Type</i> Parallel boat Perpendicular boat Canoe	<i>Subtype</i> Slab Slab and panels Blocks on fabric	<i>Material</i> Concrete prestressed Concrete reinforced Concrete mass Concrete autoclaved aerated Steel Stainless steel Aluminium Timber hardwood Timber softwood Timber ply Composite Combination	<i>Length (m)</i>	<i>Width (m)</i>	m ²		
12.00	ENCLOSED STORMWATER: INLETS/OUTLETS								
	<i>Road/park name, suburb</i> Bowman Park, Bardon	<i>Type</i> Concrete Grouted rock Wire mattresses Rip rap			<i>Length (m)</i>	<i>Width (m)</i>	m ²		

¹⁴ Surfaced ramps graded to provide a sure footing for vehicular access to the tidal zone to allow the launching or retrieval of watercrafts.



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Item	Description	Unit	Design Qty	As Constructed Qty					
13.00	OPEN DRAINS								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><i>Road/park name, suburb</i> eg Day Street, Carindale</td> <td style="width: 25%;"><i>Link nodes</i> eg Nadine Street to Richardson Street</td> <td style="width: 25%;"><i>Drawing No.</i></td> <td style="width: 25%;"><i>Type</i> Lined channel Unlined channel Natural channel Drop structure Other</td> </tr> </table>	<i>Road/park name, suburb</i> eg Day Street, Carindale	<i>Link nodes</i> eg Nadine Street to Richardson Street	<i>Drawing No.</i>	<i>Type</i> Lined channel Unlined channel Natural channel Drop structure Other	m			
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14.00	FENCES (Record park fencing under Item 23.00)								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><i>Road name, suburb</i> eg Day Street, Carindale</td> <td style="width: 25%;"><i>Location</i> eg from No. 3 to No. 10</td> <td style="width: 25%;"><i>Type</i> Barrier flexibeam Barrier log Barrier pedestrian Barrier sound Barrier jersey Bollard Chainwire Delineator Decorative/heritage Guard rail Post and cable Post and rail Pool style Security style Weldmesh Wire rope Paling</td> <td style="width: 25%;"><i>Material</i> Concrete Aluminium Masonry Steel Timber</td> <td style="width: 10%;"><i>Height (mm)</i></td> </tr> </table>	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg from No. 3 to No. 10	<i>Type</i> Barrier flexibeam Barrier log Barrier pedestrian Barrier sound Barrier jersey Bollard Chainwire Delineator Decorative/heritage Guard rail Post and cable Post and rail Pool style Security style Weldmesh Wire rope Paling	<i>Material</i> Concrete Aluminium Masonry Steel Timber	<i>Height (mm)</i>	m		
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Item	Description	Unit	Design Qty	As Constructed Qty
15.00	TRAFFIC CONTROL NETWORK			
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Intersection One approach Two approaches Three approaches Four approaches Special	Item Item Item Item Item
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Mid-block pedestrian crossing One approach Two approaches	Item Item
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Major directional signs	No.
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Bliss system software	Item
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Bliss system hardware	Item
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Traffic control centre	Item
	<i>Road name, suburb</i> eg Day Street, Carindale	<i>Location</i> eg adjacent No. 10	Other as specified	Item



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Item	Description	Unit	Design Qty	As Constructed Qty									
16.00	EASEMENTS AND CONTRIBUTED LAND												
	<table border="1"> <tr> <td><i>Address and R.P. description</i></td> <td> <i>Type</i> Underground pipe drainage easement in favour of Council Open cut drainage easement in favour of Council Overland flow easement in favour of Council Combined underground/ aboveground drainage easement in favour of Council Contributed land eg dedicated parkland Easements over contributed land in favour of others eg Energex Other as specified eg access and turning areas to facilitate on-site refuse collection </td> </tr> </table>	<i>Address and R.P. description</i>	<i>Type</i> Underground pipe drainage easement in favour of Council Open cut drainage easement in favour of Council Overland flow easement in favour of Council Combined underground/ aboveground drainage easement in favour of Council Contributed land eg dedicated parkland Easements over contributed land in favour of others eg Energex Other as specified eg access and turning areas to facilitate on-site refuse collection	m ²									
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17.00	PARKS: ACCESS												
	<table border="1"> <tr> <td> <i>Type</i> Car parks Paths Stairways Platforms Decks Walking tracks Formed management access (eg firebreak & driveway) Other as specified </td> <td> <i>Asset limits and/or location</i> eg Smith Street car park to toilet block, GPS coordinates </td> <td> <i>Surfacing</i> Asphalt Spray seal Timber Aggregate Earth Deco Concrete </td> <td> <i>Width (m)</i> </td> <td> <i>Length (m)</i> </td> <td>m²</td> <td></td> <td></td> </tr> </table>	<i>Type</i> Car parks Paths Stairways Platforms Decks Walking tracks Formed management access (eg firebreak & driveway) Other as specified	<i>Asset limits and/or location</i> eg Smith Street car park to toilet block, GPS coordinates	<i>Surfacing</i> Asphalt Spray seal Timber Aggregate Earth Deco Concrete	<i>Width (m)</i>	<i>Length (m)</i>	m ²						
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Item	Description	Unit	Design Qty	As Constructed Qty
18.00	PARKS: BUILDINGS			
	<i>Type</i> Toilet Change room Sporting clubhouse Depot Store Nursery Kiosk Other as specified	<i>Details</i> eg materials, footprint, floor area, no. rooms, no. floors, no. cubicles male, female, unisex, disabled, etc	Item	
19.00	PARKS: UTILITIES			
	<i>Type</i> Maintenance tap Drinking fountain/bubbler Irrigation system Light Rubbish bin Pump Other as specified	<i>Details</i> eg manufacturer, model, pipe and tap size, drawing reference, irrigated area, light wattage, etc	Item	



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Item	Description	Unit	Design Qty	As Constructed Qty
20.00	PARKS: VISITOR FACILITIES			
	<i>Type</i> Picnic shelter Barbecue Viewing stand Bird hide Seat Information shelter Gazebo Lookout shelter Other as specified	<i>Details</i> eg manufacturer, model, materials, no. BBQ plates, drawing reference, dimensions, area, etc	Item	
21.00	PARKS: SPORT AND RECREATION FACILITIES			
	<i>Type</i> Basketball facility Bike rack Fitness exercise equipment Dog off leash area BMX facility Tennis court Sports field Playground Other as specified	<i>Details</i> eg manufacturer, model, materials, drawing reference, dimensions, area, no. bike racks, play equipment activities, under surfacing type and area, etc	Item	



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Item	Description	Unit	Design Qty	As Constructed Qty
22.00	PARKS: HARD LANDSCAPING AND HERITAGE			
	<i>Type</i> Cultural heritage items (eg monument) Industrial artefacts Pavement area Landscape feature (eg entry gates, artworks, arbour, pergola, water fountain, wall, flag pole) Signage Other as specified	<i>Details</i> eg artist, heritage status, materials, drawing reference, sign description and wording, pavement dimensions, etc	Item	
23.00	PARKS: BARRIERS			
	<i>Type</i> Timber log fence Bollard Chain mesh fencing Pool fence Safety railing Balustrade Lock rail Gate Other as specified	<i>Details</i> eg materials, fence height, drawing reference, etc	m	



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Create new assets

Delete assets from register

(Tick the relevant box)

Item	Description	Unit	Design Qty	As Constructed Qty
24.00	PARKS: SOFT LANDSCAPING			
	<i>Type</i> Garden bed Landscape bed Hedge Habitat rehabilitation area Lawn Natural vegetation remnant Other as specified	<i>Details</i> eg annual or perennial bed, planted species x number, dimensions, edging, etc	m ²	
25.00	MISCELLANEOUS			
	Street landscaping	m ²		
	Other as specified eg entrance features	Item		