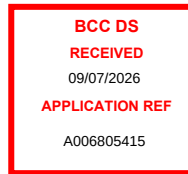


6 July 2026



Wynnum Land Pty Ltd c/- Mettle Developments
1 / 62 Curzon Street
Tennyson QLD 4105

Level 1
118 Boundary St
West End Qld 4101
www.rpdesign.net.au

Attention: Peet van Buren-Schele - Director

Dear Peet

LOT 3 – 14 COLINA STREET – WYNNUM

Irrigation Strategy | Assessment | Certification

Landscape Irrigation System | Rainwater Harvesting and Storage Tank

Thank you for your recent instructions relating to this important project.

RP Design has been engaged by Wynnum Land Pty Ltd c/- Mettle Developments to prepare this IRRIGATION STRATEGY | ASSESSMENT | CERTIFICATION - Landscape Irrigation System | Rainwater Harvesting and Storage Tank to support a development application for a residential development over land known as the 'Lot 3 – 14 Colina Street, Wynnum site.

The site is fronted by Colina Street to the south-west, proposed Lot 2 development to the south-east and adjoining properties to all other boundaries.

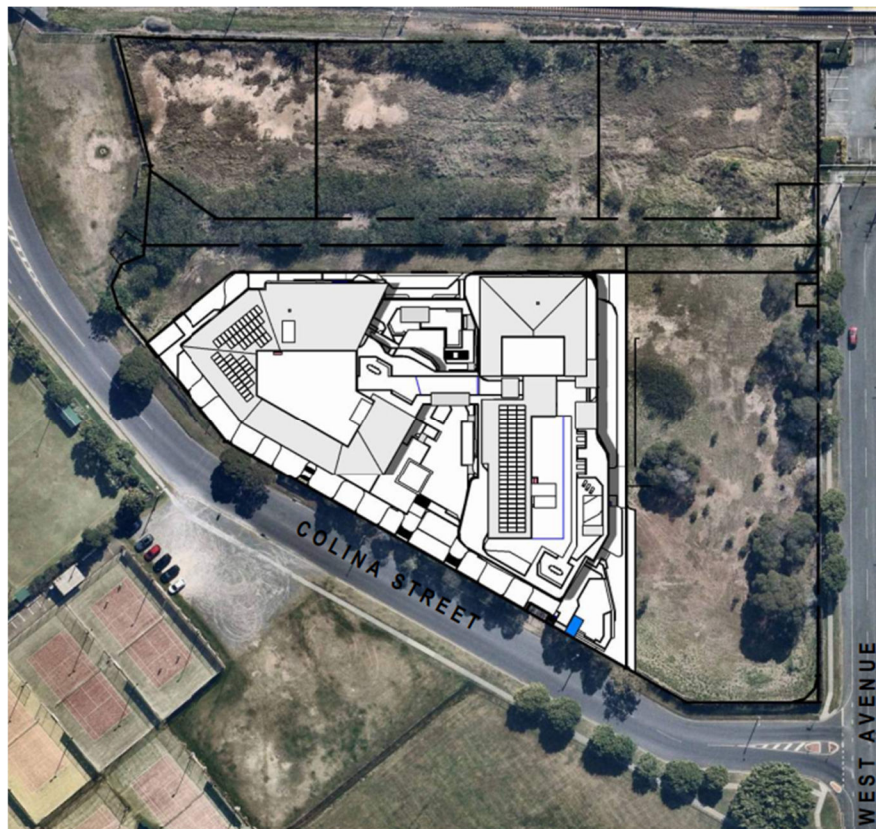


Figure 1 – Site Plan

We have based our assessment, calculations and recommendations on the information received from the project team.

1. IRRIGATION STRATEGY AND KEY SYSTEM COMPONENTS

1.1 Irrigation Strategy Outline

The aim of the overall irrigation strategy is as follows:

- Irrigation system water demand to be provided as detailed in BCC City Plan 2014:

Landscape Classification	Non-Potable Water Requirement (Monthly)
Natural: Planting has access to natural ground.	50%
Artificial: Planting does not have access to natural ground.	75%

- Rainwater harvesting to be sourced from the developments rooftop and other hard surface catchment areas.
- Harvested water to be treated via primary filtration and stored in a storage tank located at lower / basement level.
- Irrigation pumping and filtration system located in irrigation plant room adjacent storage tank.
- Fertigation system to be incorporated into irrigation plant room to allow injection of fertiliser and other liquids directly into the irrigation water supply to allow application to landscape areas.
- A smart Wi-Fi enabled irrigation controller will be incorporated into the project and located in the plant room.
- Irrigation controller to have ability to access current and predicted local weather data and based on operator set parameters make adjustments to or cancel irrigation scheduling.
- Rain sensor to be located in external area and linked to irrigation controller to ensure current or upcoming irrigation schedules are cancelled.
- Irrigation main line and control cables to be routed through basement level to hydraulic risers and then vertically up each tower / building.
- At each level, hydraulic riser cupboard offtakes from the irrigation mainline will be in place to allow routing of irrigation pipework to all landscape areas. Dependent on individual level, landscape layout and demand, solenoid valves may be located in hydraulic riser cupboards.
- All planted landscape areas to be irrigated via a uniform layout of low pressure, water efficient in line drip tube installed at the soil / mulch interface.
- Additional system water efficiency to be achieved via the installation of a master valve and flow sensor on the discharge of the irrigation pumping plant. This sensor provides real time flow sensing and can shut down any irrigation zone operating outside of its flow parameters indicating a faulting valve (low flow) or broken irrigation pipes (high flow). System can be configured to notify the operator of fault details.

1.2 Key System Components and Arrangements – Concept

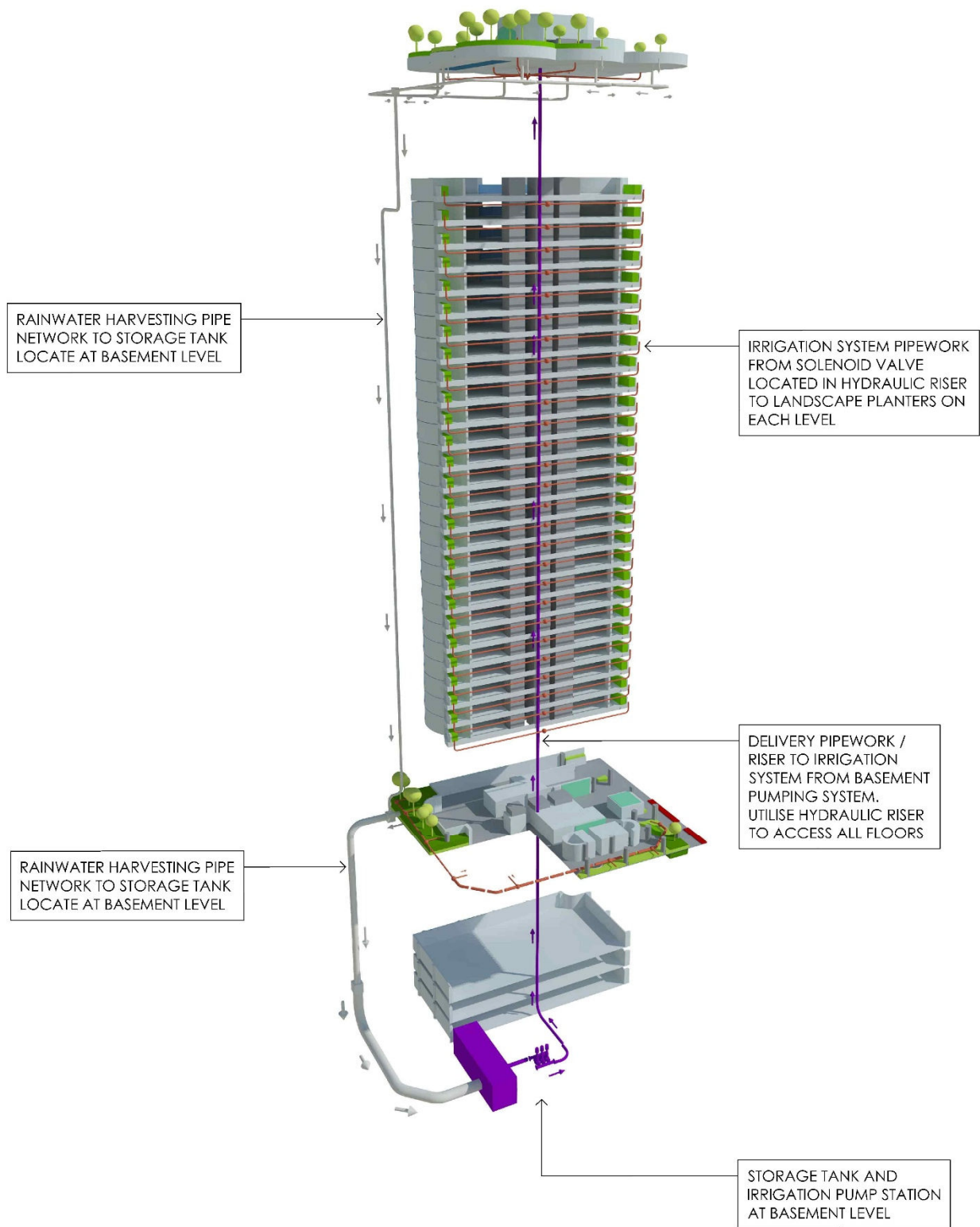


Figure 2 – Concept Multistorey Rainwater Harvesting and Irrigation System Configuration



Figure 3 – Concept Irrigation Pumping, Filtration, Fertigation Systems and Smart Irrigation Controller located in Plant Room adjacent Storage Tank

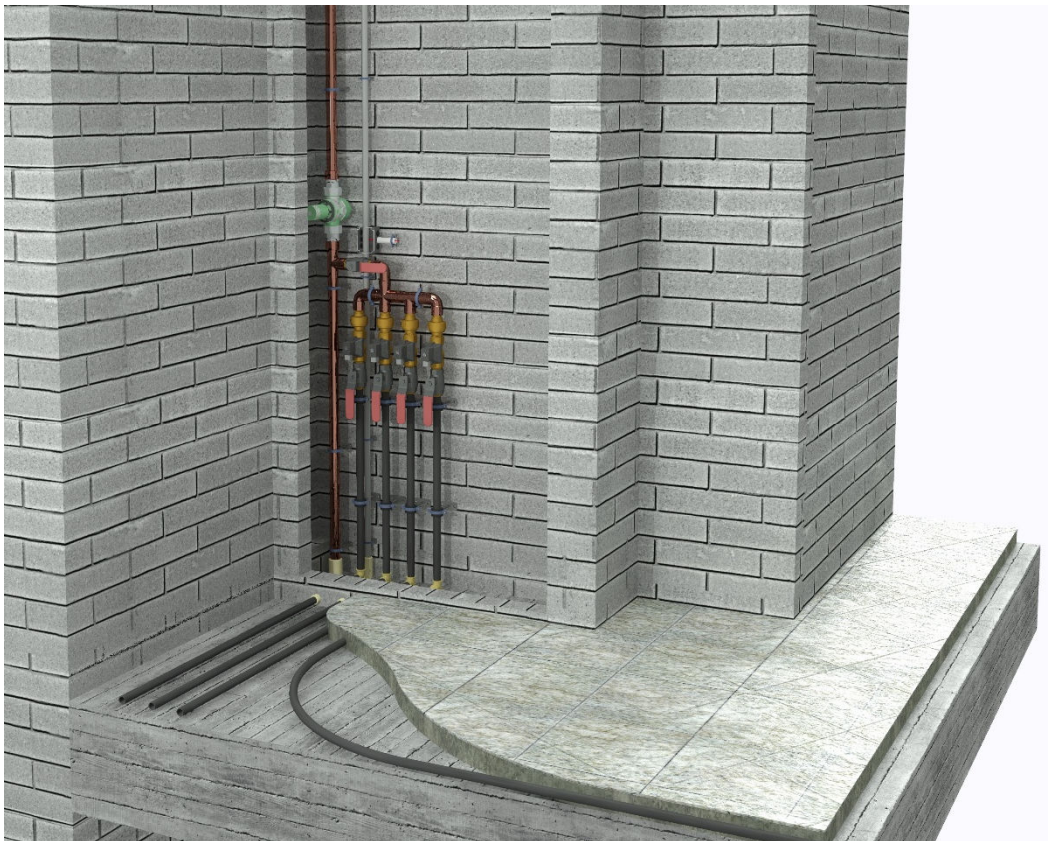


Figure 4 – Hydraulic Riser / Cupboard arrangement



Figure 5 –Drip Irrigation - Multistorey Hydraulic Riser / Cupboard / Planter

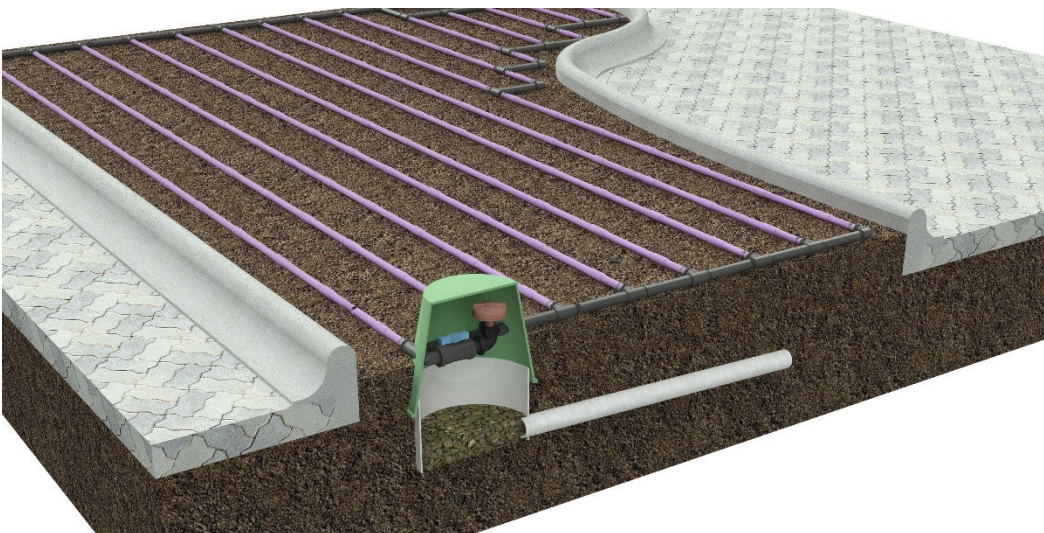


Figure 6 – Drip irrigation – Garden Bed

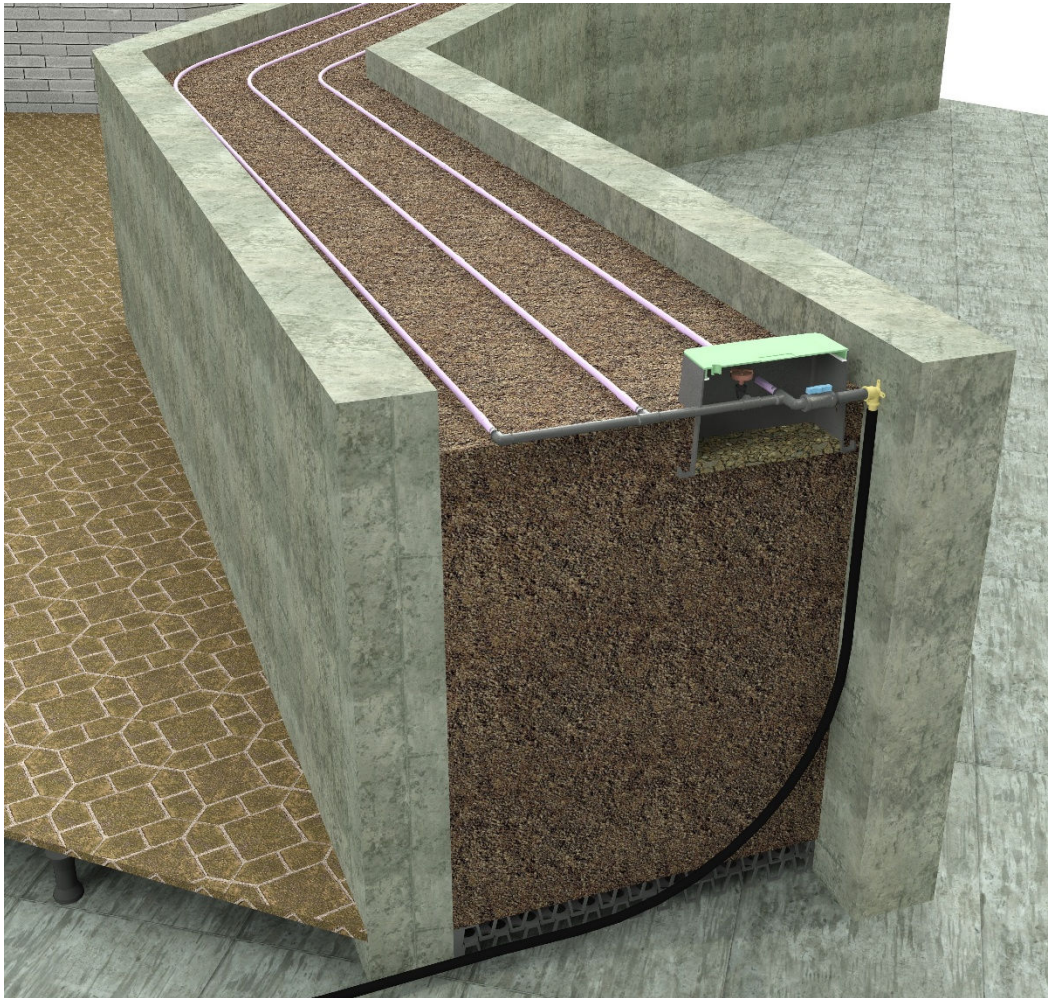


Figure 7 – Drip Irrigation – Podium Planter



Figure 8 – Pop-up Sprinkler Irrigation - Turf

2. IRRIGATION DEMAND AND TANK CAPACITY

Attached is our certified Irrigation Demand and Rainfall Harvesting Tank Capacity Assessment report.

This assessment report has been based the project information and parameters received as well as applicable data sources and guidelines. This is inclusive of the Bureau of Meteorology (BOM), rainfall and evapotranspiration data as well as guidelines detailed in the BCC City Plan – 2014 and by Irrigation Australia Limited.

Recommended Storage Tank Effective Capacity: 74 500 Litres

Important – Effective Capacity is the actual water volume able to be accessed for use and does not include overflow and outlet fitting levels. This should be confirmed during the design or specification of the storage tank during the project documentation phase.

The storage tank and pumping system installed lower / basement level will be able to provide water to the landscape irrigation system throughout the project. Other associated equipment such as the irrigation controller and fertigation equipment would also be installed in this common area providing ongoing operational and maintenance efficiencies.

With proper design, incoming harvested rainwater delivery pipework can be routed to the storage tank and irrigation pressurised mainlines can be installed from the irrigation pumping system installed adjacent the storage tank, through to the building and external landscape areas.

This will ultimately be dependent on final project staging and construction program.

Please refer to the attached certified, Irrigation Demand and Rainfall Harvesting Tank Capacity Assessment report for our detailed analysis, assessment, parameters and comments.

2.1 The Certifier

Principal: Brett Peel
Qualifications: IAL - Certified Irrigation Designer – Golf
IAL - Certified Irrigation Designer – Turf and Commercial
Diploma of Irrigation
QBCC – Licenced Nominee Supervisor (Irrigation)

2.2 Project Information Provided

- Thinktank Architects – Rainfall Catchment Area Offtake and Details: Email – 15.06.26
- Thinktank Architects – Landscape Area Details: Drawing Rev.F – 15.06.26
- BCC – Requests for Information 1,2 and 3.

2.3 Data Sources and Applicable Guidelines

As detailed in attached Irrigation Demand and Rainfall Harvesting Tank Capacity Assessment report.

2.4 Certification

Based on the information provided, we certify that the submitted assessment report meets the requirements of the relevant standards and guidelines.

If any of the project parameters change, for example if landscape or catchment areas are amended, we are happy to revise our calculations and assessment as required.

Thank you for the opportunity to become involved with this important project and if we can clarify any of the information provided, please contact the undersigned.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Brett Peel', with a large, loopy flourish at the end.

Brett Peel
Director

RP Design

Irrigation Demand and Rainfall Harvesting Tank Capacity Assessment



Date:	06.07.26	Qualifications:	
Designer:	Brett Peel		
Mobile:	0435 787 787		
Email:	brett@rpdesign.net.au		
Web:	www.rpdesign.net.au		
		Certified Irrigation Designer - Landscape / Turf Commercial	
		Certified Irrigation Designer - Golf	
		Diploma of Irrigation	
		QBCC - Licenced Supervisor - Irrigation	



QUEENSLAND BUILDING AND
CONSTRUCTION COMMISSION



Client:	Wynnum Land Pty Ltd c/- Mettle Developments
Site:	Lot 3 - 14 Colina Street, Wynnum
Contact:	Peet van Buren-Schele
Revision:	A

SITE SPECIFIC DATA

Landscape Irrigation Areas:

Type	Area-m2	Classification	Non Potable Water Req'ment
Natural Ground - Deep Planting	598.14	N	50%
Podium Planters	565.86	A	75%
Rooftop Planters	514.36	A	75%
Total:	1678.36		

Landscape area classification as per BCC City Plan 2014:

1. "N" - Natural - Landscape area that HAS access to natural ground with direct rainfall which is to supply a minimum of 50% or more of the plants annual water needs. If rainfall provides between 50% and 100% of plants water needs an irrigation system incorporating rainwater harvesting must supply **at least 50%** of the remaining plants irrigation needs.
2. "A" - Artificial - Landscape areas that DO NOT have access to natural ground a **minimum of 75%** of the plants watering needs must be via an irrigation system incorporating rainwater harvesting or other non-reticulated (potable) water supply.

Rainfall Catchment Areas:

Type	Area-m2	Runoff Coefficient	Effective Area
Rooftop	1730	0.6	1038
Rooftop - Hardstand	390	0.4	156
Podium - Hardstand	500	0.4	200
Totals:	2620		1394

Data Sources:

Evapotranspiration: BOM - Brisbane 2009 - 2023 - Monthly median.

Rainfall: BOM - Brisbane 2009 - 2023 - Monthly median.

Landscape Factors - Based on guidelines from Irrigation Australia Limited, the Irrigation Association (USA) and Green Star - Potable Water Calculator Guide - 2014. Values used are within typical ranges for plant type, planting densities and microclimates accounting for variations in specific site conditions and local practices.

Runoff Coefficients - Based on guidelines and standards from the Brisbane City Council, RPEQ, AS/NZS 3500.3:2003 - Stormwater Drainage Queensland Urban Drainage Manual, Fourth Edition, 2016 (Institute of Public Works Engineering Australasia, Queensland Division). Values shown represent typical ranges for each surface type, accounting for variations in local conditions and practices.

All other data and guidelines: BCC City Plan 2014.

Storage Tank Details:

Details	Volume - L
Required Effective Capacity	74500

Initial Storage Tank Fill:

Type	Volume - L
Externally Sourced - Non Potable	35000

Tank Sizing and Initial Fill Parameters:

Tank calculations are based on EFFECTIVE capacity not GROSS capacity.

Initial Tank Fill volume based on January project commencement. This volume may vary depending on exact timing of project.

The calculations for rainfall catchment areas and the potential volume of water collected are derived from the provided information.

IMPORTANT: Initial Landscape Establishment / Construction Period water volume requirements will be higher than Post Establishment volume.

January																	
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL	
				Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm									
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	147.4	81.0	89.8	0.0	-				100%		
	566	Artificial	75%	0.7	1.1	1.4	147.4	158.8	89.8	69.0	29,302				100%		
	514	Artificial	75%	0.7	1.1	1.4	147.4	158.8	89.8	69.0	26,635				100%		
	0	Artificial	0%	0.5	1.0	1.0	147.4	73.7	89.8	0.0	-				100%		
											-				100%		
											55,936	125,181	35,000	74,500			
*Initial tank fill																	

February																		
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL		
				Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm										
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	130.7	71.9	159.6	0.0	-				100%			
	566	Artificial	75%	0.7	1.1	1.4	130.7	140.8	159.6	0.0	-				100%			
	514	Artificial	75%	0.7	1.1	1.4	130.7	140.8	159.6	0.0	-				100%			
	0	Artificial	0%	0.5	1.0	1.0	130.7	65.3	159.6	0.0	-				100%			
											-				100%			
												-	222,482	74,500	74,500			

March				Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm								
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	117.0	64.3	157.1	0.0	-				100%	
	566	Artificial	75%	0.7	1.1	1.4	117.0	126.1	157.1	0.0	-				100%	
	514	Artificial	75%	0.7	1.1	1.4	117.0	126.1	157.1	0.0	-				100%	
	0	Artificial	0%	0.5	1.0	1.0	117.0	58.5	157.1	0.0	-				100%	
											-				100%	
											-	218,997	74,500	74,500		
APRIL				Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm								
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	91.3	50.2	49.3	0.9	274				100%	
	566	Artificial	75%	0.7	1.1	1.4	91.3	98.4	49.3	49.1	20,847				100%	
	514	Artificial	75%	0.7	1.1	1.4	91.3	98.4	49.3	49.1	18,950				100%	
	0	Artificial	0%	0.5	1.0	1.0	91.3	45.7	49.3	0.0	-				100%	
											-				100%	
											40,070	68,724	74,500	74,500		
MAY				Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm								
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	70.1	38.6	42.9	0.0	-				100%	
	566	Artificial	75%	0.7	1.1	1.4	70.1	75.6	42.9	32.7	13,864				100%	
	514	Artificial	75%	0.7	1.1	1.4	70.1	75.6	42.9	32.7	12,602				100%	
	0	Artificial	0%	0.5	1.0	1.0	70.1	35.1	42.9	0.0	-				100%	
											-				100%	
											26,466	59,803	74,500	74,500		
JUNE				Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm								
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	55.5	30.5	31.9	0.0	-				100%	
	566	Artificial	75%	0.7	1.1	1.4	55.5	59.8	31.9	27.9	11,830				100%	
	514	Artificial	75%	0.7	1.1	1.4	55.5	59.8	31.9	27.9	10,753				100%	
	0	Artificial	0%	0.5	1.0	1.0	55.5	27.7	31.9	0.0	-				100%	
											-				100%	
											22,583	44,469	74,500	74,500		
JULY				Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm								
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	62.5	34.3	31.3	3.0	911				100%	
	566	Artificial	75%	0.7	1.1	1.4	62.5	67.3	31.3	36.0	15,287				100%	
	514	Artificial	75%	0.7	1.1	1.4	62.5	67.3	31.3	36.0	13,896				100%	
	0	Artificial	0%	0.5	1.0	1.0	62.5	31.2	31.3	0.0	-				100%	
											-				100%	
											30,094	43,632	74,500	74,500		

AUGUST																	
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Landscape Factors			Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL	
				Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm									
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	77.7	42.7	19.4	23.3	6,979				100%		
	566	Artificial	75%	0.7	1.1	1.4	77.7	83.8	19.4	64.4	27,314				100%		
	514	Artificial	75%	0.7	1.1	1.4	77.7	83.8	19.4	64.4	24,828				100%		
	0	Artificial	0%	0.5	1.0	1.0	77.7	38.9	19.4	19.5	-				100%		
											-				100%		
											59,122	27,044	74,500	42,422			

SEPTEMBER								Landscape Factors		Evapotranspiration (ET)								
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm	Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL		
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	107.5	59.1	18.6	40.5	12,120				75%			
	566	Artificial	75%	0.7	1.1	1.4	107.5	115.9	18.6	97.3	41,287				75%			
	514	Artificial	75%	0.7	1.1	1.4	107.5	115.9	18.6	97.3	37,530				75%			
	0	Artificial	0%	0.5	1.0	1.0	107.5	53.8	18.6	35.2	-				75%			
											-				75%			
											90,937	25,928	42,422	0				

OCTOBER																	
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm	Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL	
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0	139.1	76.5	57.4	19.1	5,714				99%		
	566	Artificial	75%	0.7	1.1	1.4	139.1	149.9	57.4	92.5	39,278				99%		
	514	Artificial	75%	0.7	1.1	1.4	139.1	149.9	57.4	92.5	35,703				99%		
	0	Artificial	0%	0.5	1.0	1.0	139.1	69.6	57.4	12.2	-				99%		
											-				99%		
											80,694	80,016	0	0			

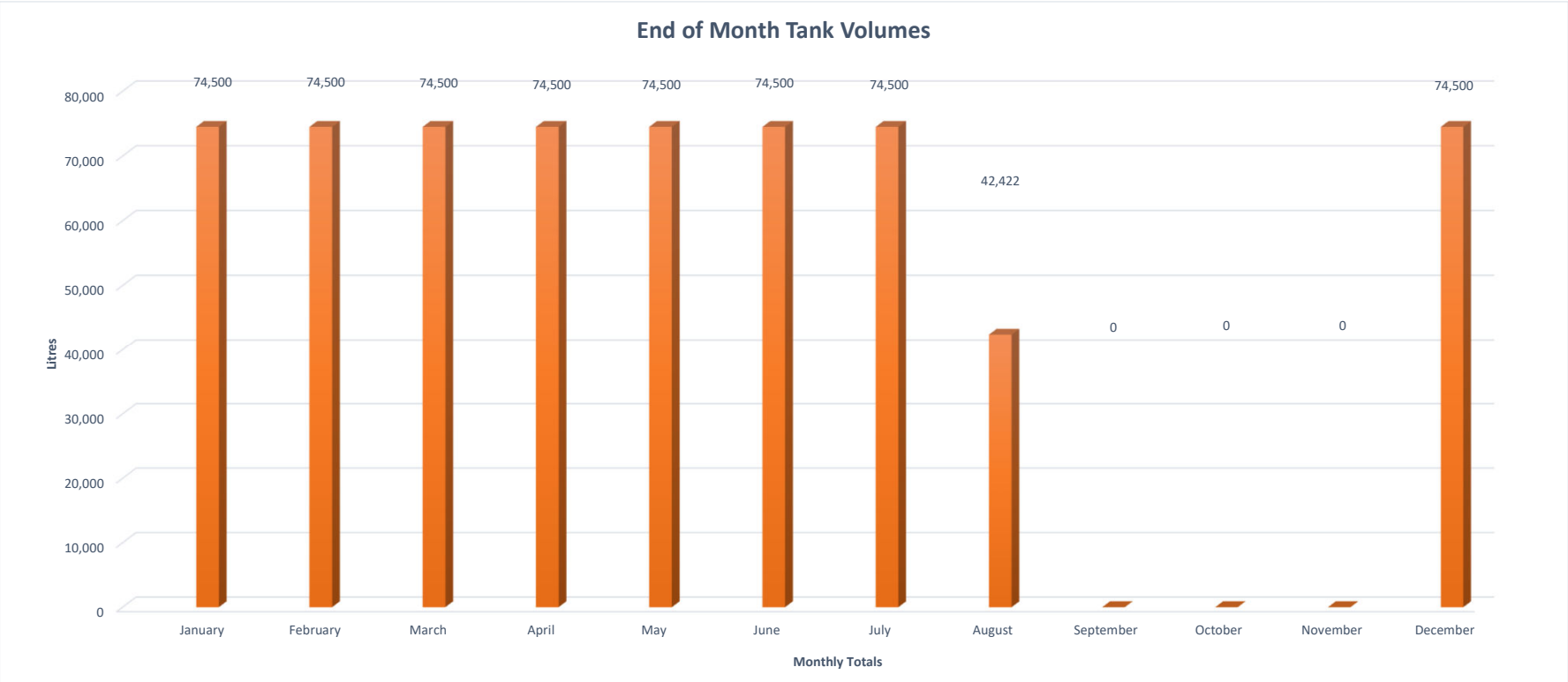
NOVEMBER																			
Landscape Area Type	Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	Landscape Factors		Evapotranspiration (ET)		Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL	
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0	598	Artificial	50%	0.5	1.1	1.0			BOM (Brisbane) - mm	Landscape Factor Adjusted - mm									
	566	Artificial	75%	0.7	1.1	1.4			147.6	159.1	57.8	101.3	6,992				90%		
	514	Artificial	75%	0.7	1.1	1.4			147.6	159.1	57.8	101.3	42,997				90%		
	0	Artificial	0%	0.5	1.0	1.0			147.6	73.8	57.8	16.0	39,083				90%		
													-				90%		
													89,072	80,573	0	0			

DECEMBER					Landscape Factors			Evapotranspiration (ET)											
Landscape Area Type		Area - m2	Classification	Min. % of Non Potable Water required for Irrigation	Plant Type	Planting Density	Micro-climate	BOM (Brisbane) - mm	Landscape Factor Adjusted - mm	Monthly Rainfall (Brisbane) - mm	NET Irrigation Required - mm	Non Potable Water req'd to be utilised for Irrigation - L	POTENTIAL Rainfall to Collect - L	Carried Forward Stored Water Tank Volume - L	END OF MONTH Stored Tank Water - L	Non Potable Water utilised for NET Irrigation - %	PASS / FAIL		
Natural Ground - Deep Planting Podium Planters Rooftop Planters 0		598	Artificial	50%	0.5	1.1	1.0	155.6	85.6	124.4	0.0	-				100%			
		566	Artificial	75%	0.7	1.1	1.4	155.6	167.7	124.4	43.3	18,392				100%			
		514	Artificial	75%	0.7	1.1	1.4	155.6	167.7	124.4	43.3	16,718				100%			
		0	Artificial	0%	0.5	1.0	1.0	155.6	77.8	124.4	0.0	-				100%			
												-				100%			
												35,110	173,414	0	74,500				

Assessment and Recommendation Summary

End of Month Tank Volumes

Month	Stored Volume - L
January	74,500
February	74,500
March	74,500
April	74,500
May	74,500
June	74,500
July	74,500
August	42,422
September	0
October	0
November	0
December	74,500



STORAGE TANK SUMMARY AND RECOMMENDATIONS - Based on the above parameters and calculations:		
* Minimum Storage Tank Capacity required based on median weather data and standard irrigation programming. That is, monthly landscape water requirement applied progressively throughout month.		
	74,500	litres
RECOMMENDED STORAGE TANK EFFECTIVE CAPACITY:		
	74,500	litres
NOMINAL STORAGE TANK DIMENSIONS:		
	4900W x 4900L X 3200H	

1. * Minimum tank storage required is based on detailed calculations shown.
2. If prefabricated / manufactured tanks are to be used, to align with commercially available sizes, a tank of greater capacity may be utilised. This increased tank capacity will further reduce the irrigation systems reliance on potable water.

	The undersigned certifies that the project has been properly evaluated and based on the information provided in this report, the recommendations comply with best industry practices and related standards in relation to the irrigation system, water supply, rainwater harvesting and storage tank capacity.
	
Brett Peel Certified Irrigation Designer - Landscape / Turf Commercial Certified Irrigation Designer - Golf Diploma of Irrigation QBCC - Licenced Supervisor - Irrigation	
Date: 06.07.26	

ANNUAL WATER USAGE SUMMARY - Based on the above parameters and calculations:		
Usage - Total Irrigation Water Demand	728,774	litres
Usage - Non-Potable (Harvested) Water	569,198	litres
Usage - Potable Water	159,575	litres
Usage - Potable Water % of Total Irrigation Demand	21.9%	

