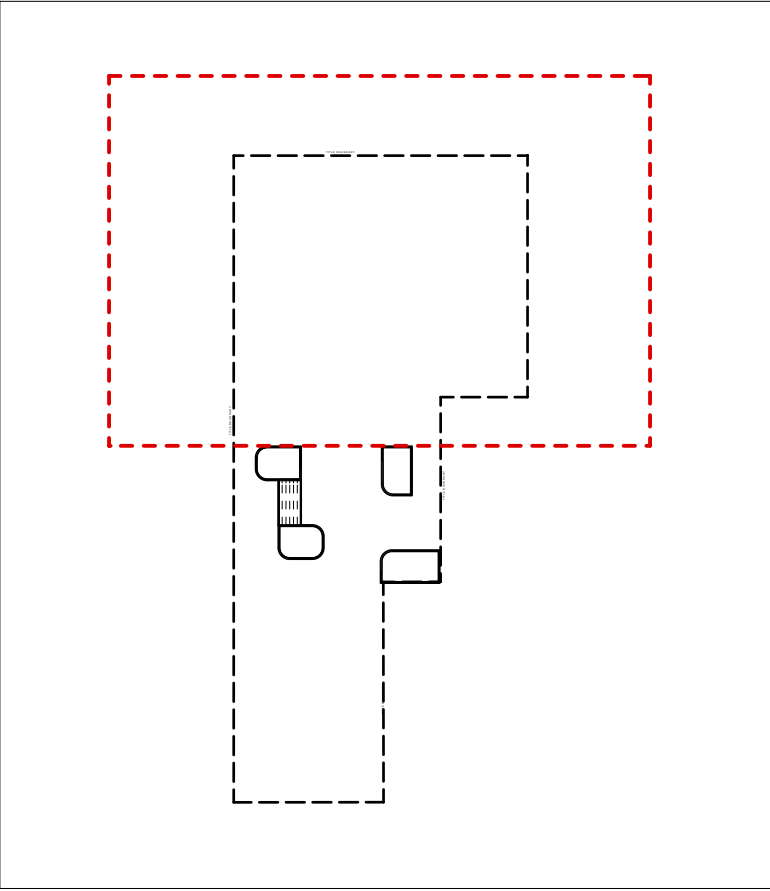




GENERAL LANDSCAPE SPECIFICATIONS

1. PLANTS - Planting to be carried out with horticultural best practices. All species are to conform with specified species, sizes, quantities and locations as indicated on planting plans, unless otherwise indicated by the landscape architect. In the case of required species substitution, approval must be sought out by the landscape architect before ordering of stock. Plant stock is to be vigorous and undamaged, appropriately established for the specified pot size, of good form, not root bound and be free of diseases, pests and weeds. Plant placement to be confirmed by the landscape architect unless otherwise stated.
2. FERTILISING - At the time of planting, an application of a suitable fertiliser and conditioner, per the plant species and soil media, are to be applied as per the manufacturers specifications. Slow and quick release fertilisers are to be applied to lawn areas and well watered in at time of planting.
3. POT'S - Apply Mapel acrylic waterproofing membrane to internal walls and floor of all pots. Irrigation lines to be installed through base of pots. Install double layer of drainage cell panels to base of pots. Geofabric to be laid above drainage cells. Void filling media to be applied through central zone of pots where suitable. Planting media to be a blend of Delco premium potting mix (70%), vermiculite (15%) and peat moss (15%) with an application of slow-release fertiliser.

GARDENS IN NATURAL GROUND

1. EXCAVATION - All garden areas are to be trimmed to a minimum depths of 220mm below finished levels, allowing for the application of top soil and mulch meeting with finished surface levels unless otherwise specified.
2. WEEDS AND EXISTING VEGETATION- All weeds and unwanted plants are to be thoroughly removed, including roots and rhizomes. Controlled application of herbicides to be used where required with appropriate best practices in accordance with manufacturer instructions. Care must be taken to ensure all trees to be retained are not damaged in accordance with Australian Standard AS 4970-2009. All trees to be removed shall be stump ground.
2. SOIL PREPARATION - All garden areas are to have building materials, crushed rock and any other material restrictive to plant growth removed. All garden area subsoils are to be cultivated and aerated to a depth of 200mm, with an application of gypsum applied to all heavy clay areas at the rate of 1.5kg per sq. meter.
3. TOP SOIL - All garden areas to have imported 5 way organic garden soil, with a neutral pH, laid over prepared subsoils to a minimum depth of 150mm. All imported topsoil is to be free from rubble, weeds and other materials damaging to plant growth.
4. MULCH - All garden areas to have an even 50mm spread layer of 'Surecrock' compost applied unless otherwise specified. Mulch to be kept back from plants stems to prevent collar rot.
8. GARDEN BEDS-Cultivate to a depth of 125mm and import 150mm layer of 5 way organic topsoil / compost blend•Ensure stormwater wastes are installed in all planters, in accordance with Civil Engineer's specifications, lay non-shrink screed with 1 in 40 falls to wastes•Apply waterproofing membrane to buried surfaces in accordance with waterproofing specialist's specifications•Line floors of planters with AG drainage cell panels and walls with black core flute protective boards fill planters with potting mix (75%), blended with 'Surecrock' compost (25%). Both available from Fulton Garden supplies•Spread layer of 'Surecrock' compost after plant installation. All beds to be irrigated as per irrigation specialist specification

GARDENS ABOVE SLAB

1. WATER PROOFING - Apply waterproofing membrane to all internal planter surfaces.
2. WATERPROOFING PROTECTION - LPDE layer at minimum 200 microns for horizontal surfaces, and Corflute Protection Board Layer to vertical surfaces is to be applied over waterproofing membrane on gardens installed directly above or against roof or building structural surfaces.
3. DRAINAGE - Install Atlantis Flocell 20 drainage cell laid as a base above waterproofing.
4. GEOFABRIC - Bidim A14-A24 Geofabric to be laid above drainage cell.
5. VOID FILLER - Atlantis Structural Void filling media is to be applied through planters where necessary, as specified in typical details.
5. SOIL- Fytogreen Hydrocell 40 Lightweight Planter Media to depths as specified in typical details. Garden beds are to be filled with the required soil amounts a minimum of 2 months prior to the addition of plants and mulch, with irrigation activated a minimum 2 times a week during this period. Soil settlement to be observed at the time of planting, with replenishment to the appropriate height where required.
6. MULCH - Selected Gravel Screenings as specified in material schedule, to a minimum depth of 50mm.
7. IRRIGATION - Drip Irrigation to be installed below mulch, or 50mm beneath finished garden surface.

Irrigation Zone Schedule

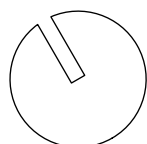
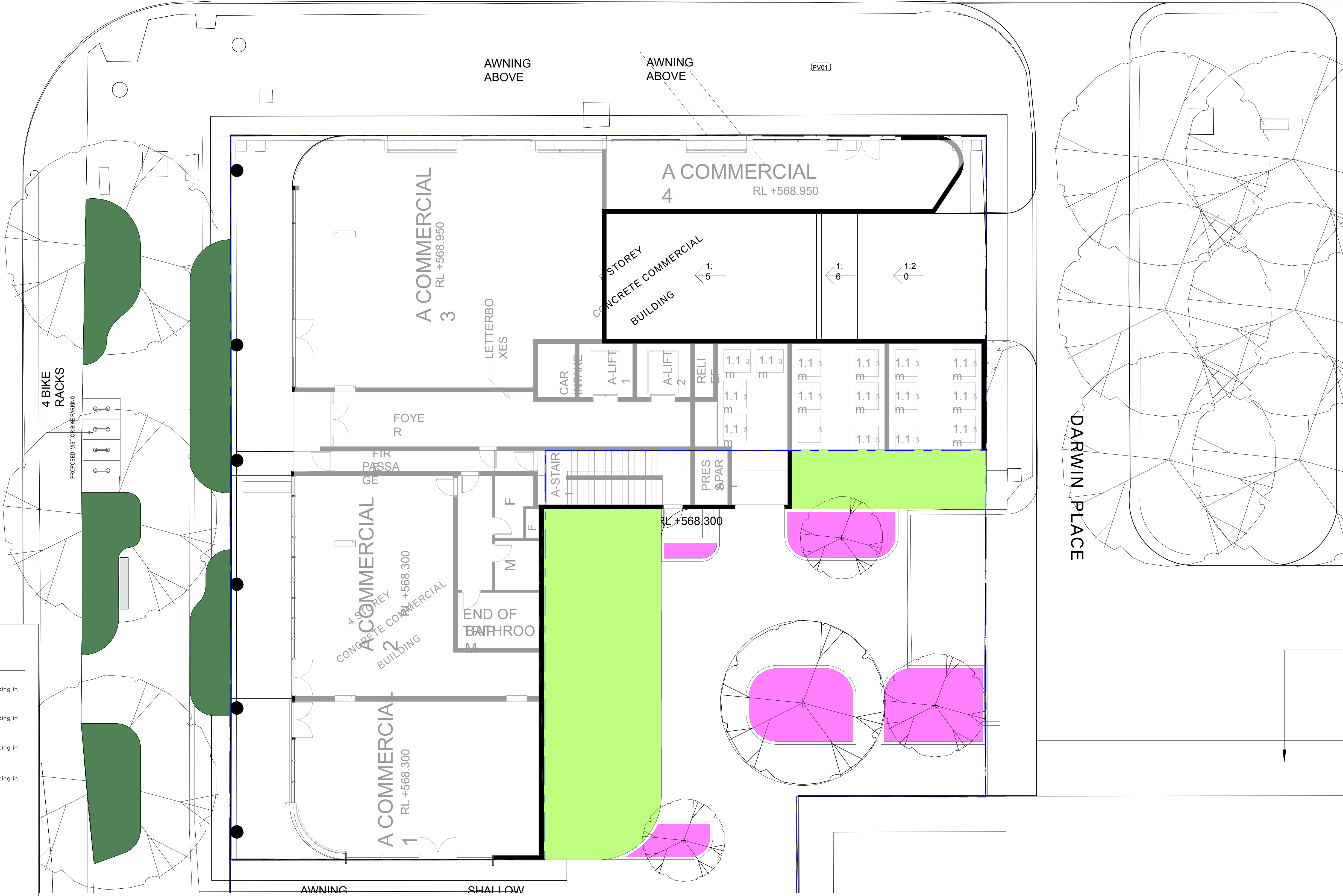
LEGEND	IRRIGATION ZONE	SPECIFICATIONS
ZONE 1	SOL LOW GARDEN BEDS	19mm Drip Tube 2 LPH at 300mm Spacing in Garden Beds
ZONE 2	SOL PLAZA GARDEN BEDS	19mm Drip Tube 2 LPH at 300mm Spacing in Garden Beds
ZONE 3	SOL GREEN ROOFS	19mm Drip Tube 2 LPH at 300mm Spacing in Garden Beds
ZONE 4	SOL RAISED GARDEN BEDS	19mm Drip Tube 2 LPH at 300mm Spacing in Garden Beds
	STREETFRONT GARDEN BEDS	Omitted
CON	Controller - 'Hunter Pro HC WIFI' digital controller, located in AV cabinets for easy access and clean installation. Common zone controller controlled by owners corp	
TAP	Mains supply tap (500kpa pressure) - 19mm diameter copper supply with chrome tap, wall-mounted at 600mm high	

IRRIGATION

1. Irrigation system is to be fully automated, connected to 240volt wall mounted irrigation controller.
2. Irrigation system is to be designed by suitably qualified irrigation / sprinkler specialist.
3. Landscape contractor to provide all necessary information to irrigation designer such as: water flow / pressure rate, mains water locations etc.
4. Landscape contractor is to liaise with garden maintenance contractor in programming the irrigation system.
5. No water is to spray onto building.
6. Spray heads to allow clearance of mature plant height, not planting height.
7. All plants to receive even moisture coverage - allow appropriate overlap.
8. Irrigation controller to be located in Services area (consult client prior to installation).
9. All solenoid boxes to be hidden at back of garden beds. All visible sprinkler parts to be grey in colour. Install pressure reduction valve, flush valve & air relief valve.
10. Contractor is to determine appropriate zone quantity & location based on specific site pressure and planting requirements. Irrigation system is to be fully operational prior to planting.
11. Garden bed / planter irrigation - In-line drippers at 200mm spacings in garden beds and at 100mm spacing between steppers, lines to be set 75mm below finished soil level and set using galvanised steel pegs at 500mm spacings.
12. The irrigation system is to be connected to the rainwater tank where possible.
13. Irrigation frequency and volumes to be set with particular care and consideration to plant establishment periods of a minimum two years.

1 Irrigation Plan
Scale: 1:100

UNIVERSITY AVENUE



Sheet Title: Irrigation Plan - Ground Level North	Date: 3/11/2025
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