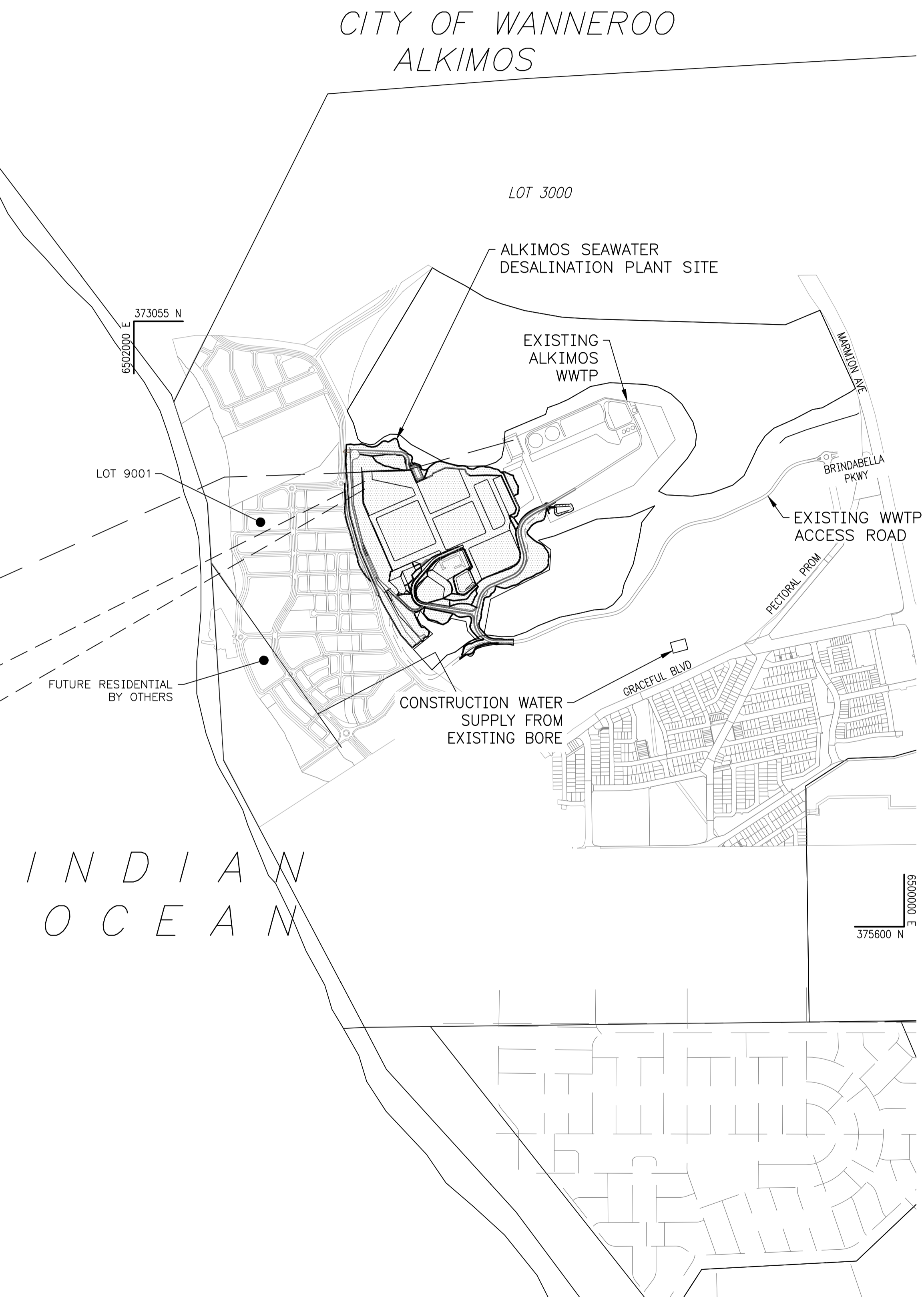
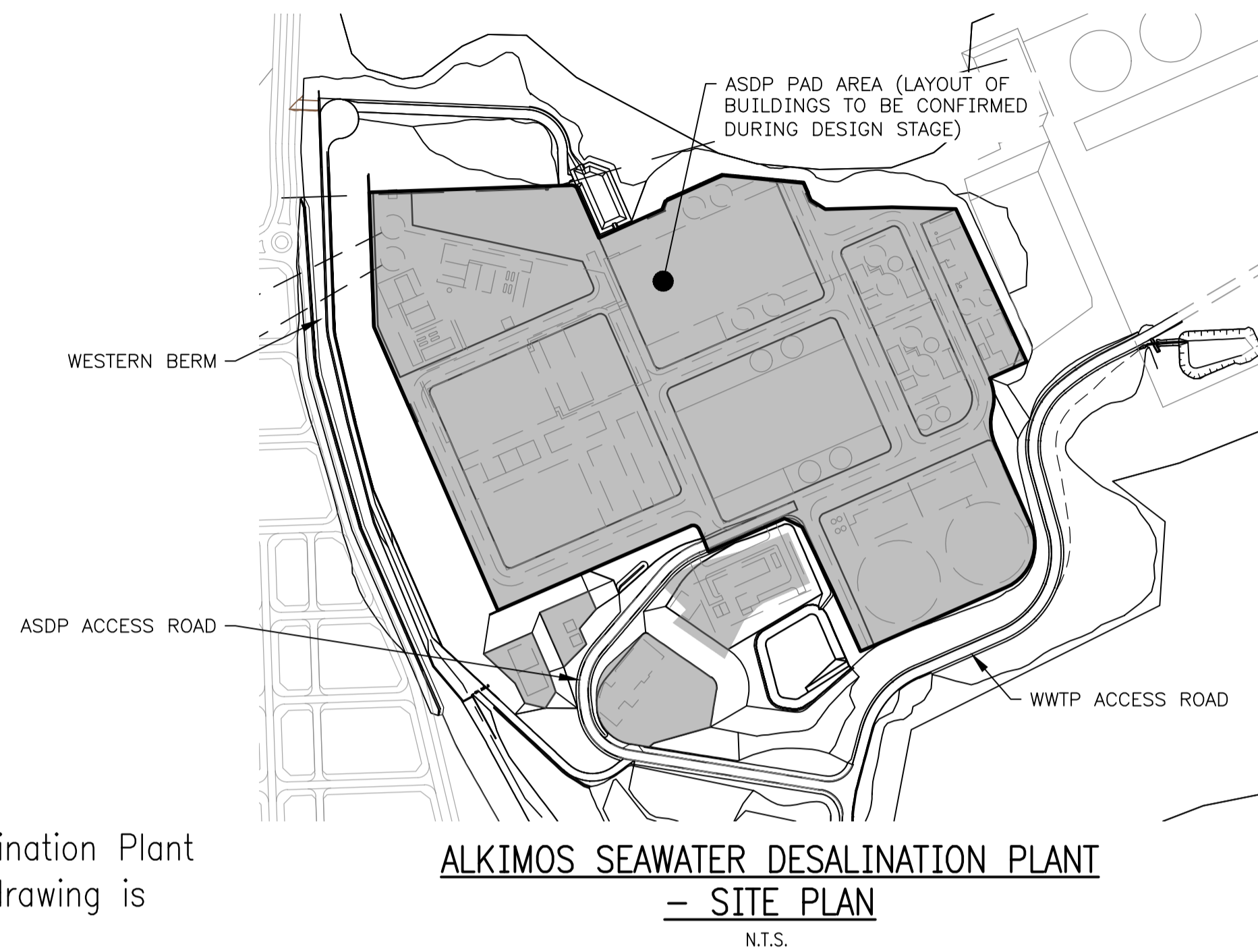
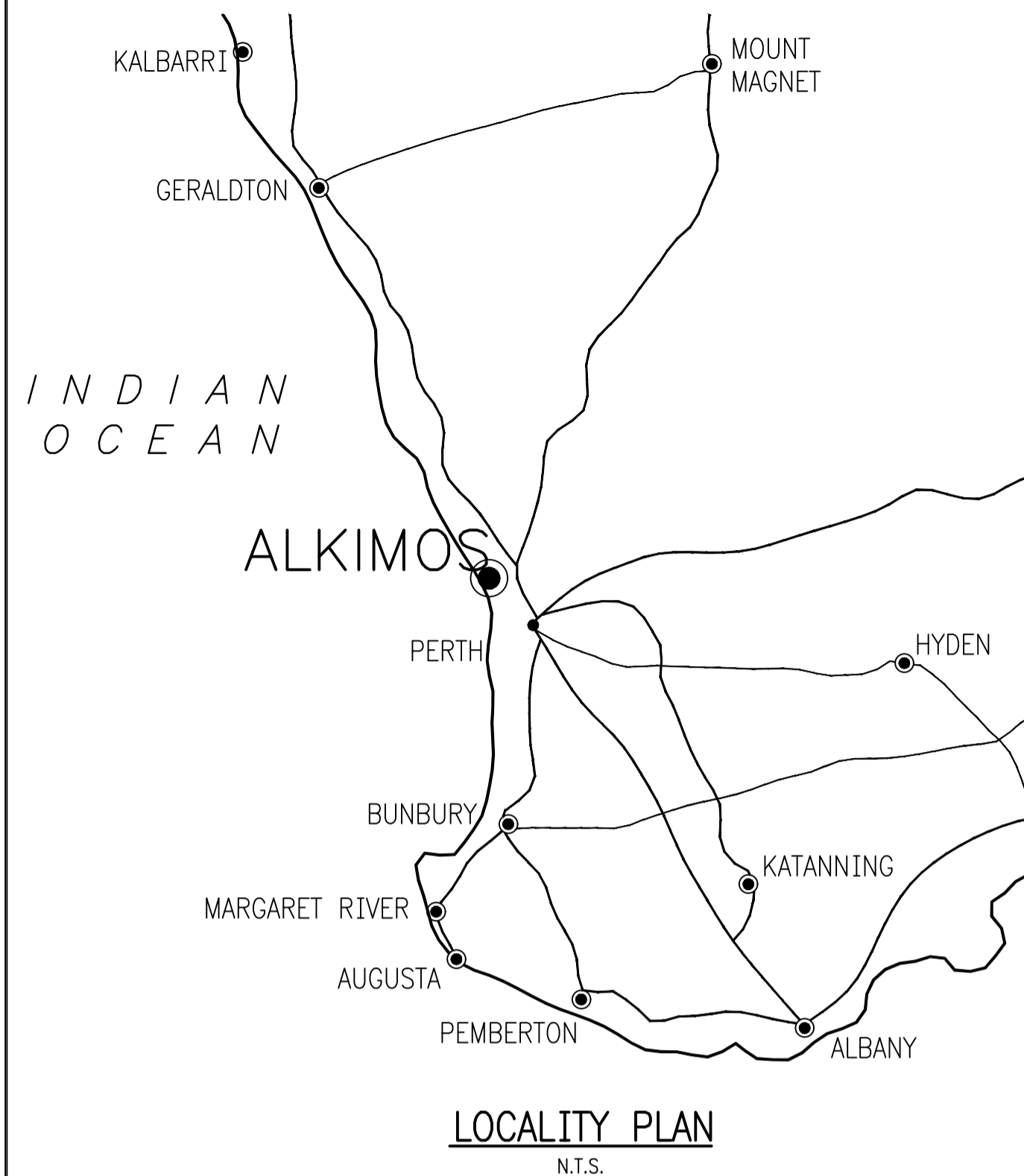


Alkimos Seawater Desalination Plant (ASDP): City of Wanneroo

NOTICE OF PROPOSAL TO CONSTRUCT ASDP STAGE 1 (50 GL/YR PLANT)



Water Corporation proposes to construct the Alkimos Seawater Desalination Plant (ASDP) – Stage 1. Commencement of the works described in this drawing is conditional upon obtaining all necessary project approvals.

The project will construct a new 50 GL/yr Desalination Plant and enable expansion for a future Stage 2 providing an additional 50 GL/yr.

Scope of Works include:

- Seawater screening equipment
- Pre-treatment (filtration)
- Reverse Osmosis system
- Water treatment systems
- Two 25 ML drinking water tanks
- Pumping stations
- Ancillary works (pipework, electrical, controls, roads etc)
- Marine tunnels for intake of seawater (2.5 km long) and return of discharge water (4 km long). Tunnels will be constructed for the future 100 GL/yr capacity and will be constructed from shore.
- Proposed Eglinton Groundwater Treatment Plant (20 ML/d)

The location of the proposed works is on Water Corporation land, Lot 3000, Alkimos, 42km north of Perth adjacent to the existing Wastewater Treatment Plant (WWTP), as shown on the Locality Plan. The proposed works are scheduled to commence in mid 2024 and will continue for a duration of approximately 4 years.

A copy of this Notice of Proposal (referred to as MV08-0-2) is available for viewing at Water Corporation's website www.watercorporation.com.au.

Further project information may also be obtained by contacting the Project Manager, Mr Ryan Smith, on (08) 9420 2931.

Objections to the proposed works will be considered if lodged in writing as per instructions in the accompanying letter.

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD	DESIGN SURVEY NONE	VERTICAL DATUM AHD	DES CALC C. LEGERSTEE	NORTH POINT	RECOMMENDED 21/07/2023 G. WILSENACH		INTEGRATED WATER SUPPLY ALKIMOS SEAWATER DESALINATION PLANT PREREQUISITES TO WORKS NOTICE OF PROPOSAL – DESALINATION PLANT	ORIGINAL SHEET SIZE
							ASCON SURVEY NONE	COORDINATE SYS MGA94-50	DES CHD G. WILSENACH		APPROVED 21/07/2023 D. KARAFILIS			FILE 118 593 695
											PROJECT C-W03524	CAD A	ISSUE MF	