

Onslow Water Supply: Shire of Ashburton

NOTICE OF PROPOSAL TO CONSTRUCT ONSLOW SEAWATER DESALINATION PLANT

Water Corporation proposes to construct the Onslow Seawater Desalination Plant. Commencement of the works described on this Notice of Proposal is conditional upon obtaining all necessary project approvals.

The Onslow Desalination Plant will provide an additional water source to meet demand in the town of Onslow due to growth and development.

The proposal includes the construction of a new 1.5 ML/day desalination plant and associated infrastructure that can be expanded to an additional 0.5 ML/day with further investment.

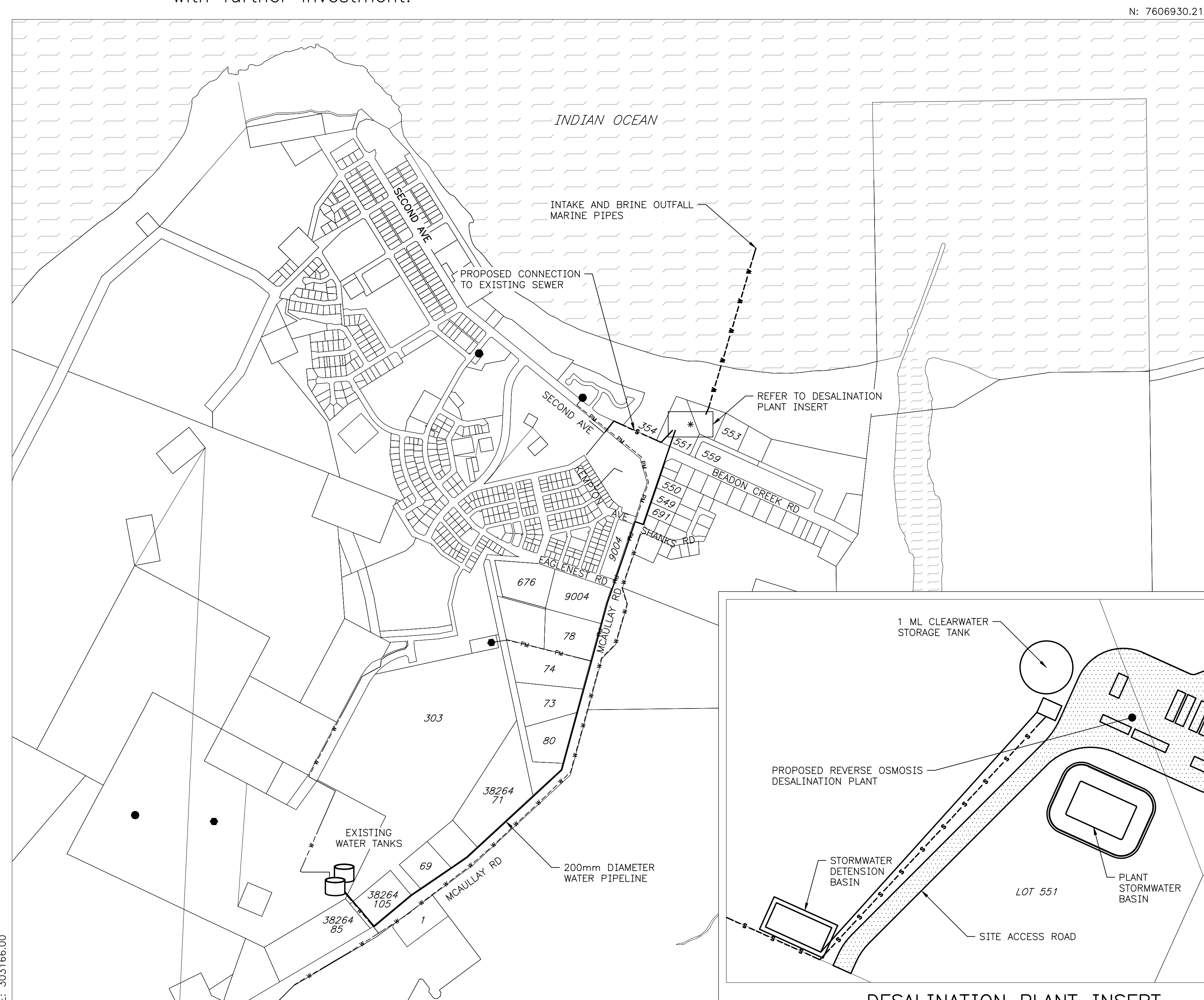
The scope of works include:

- Reverse osmosis desalination plant
- Two marine pipelines for intake of water (400 metres long) and one outfall (700 metres long) in Beadon Bay
- 1 ML clearwater storage tank
- Plant stormwater basin and stormwater detention basin
- Site access road
- 2.5km of below ground 200mm diameter water pipeline to the existing water tanks
- Belowground wastewater pipeline connecting to the existing sewer line

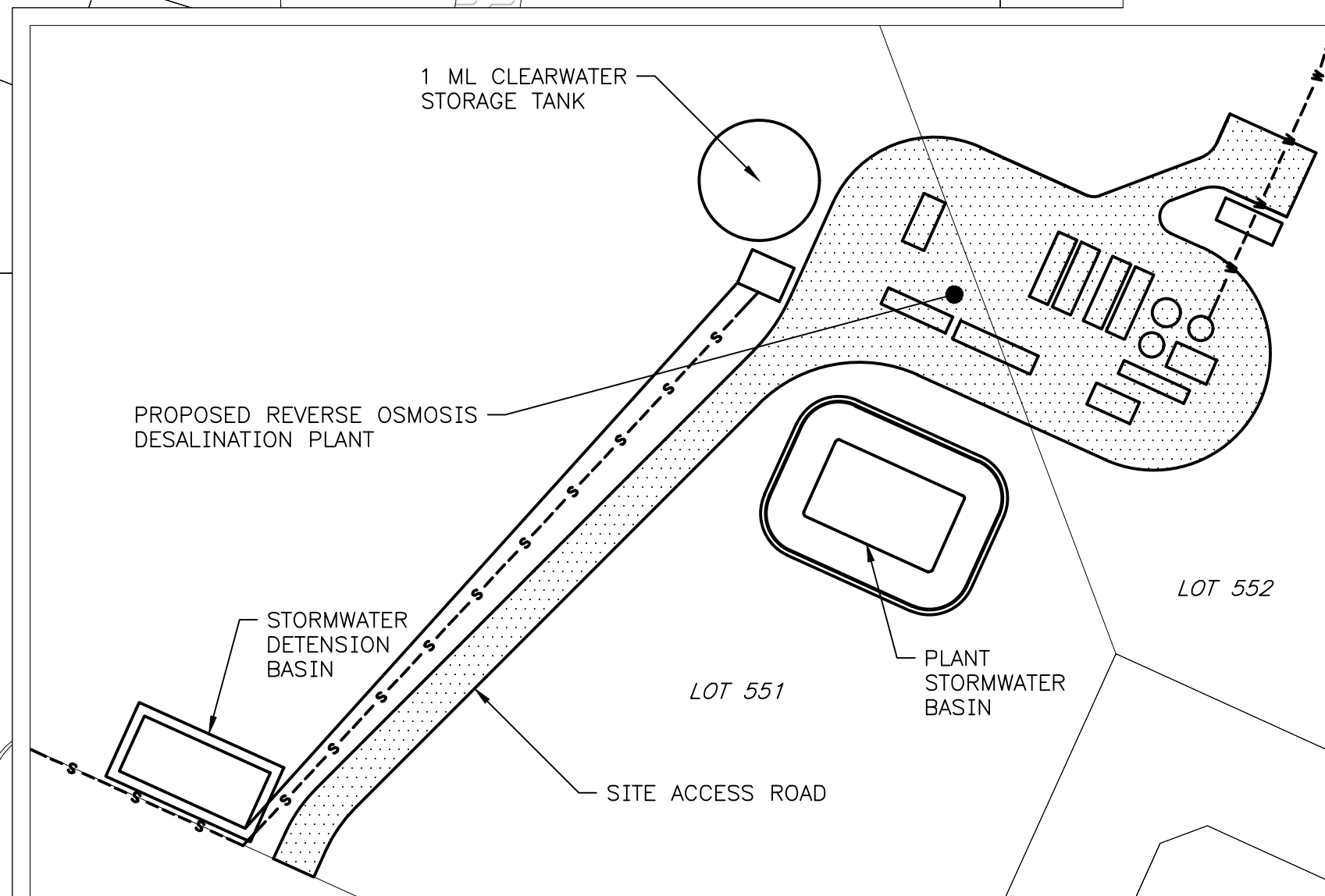
The location of the proposed works are shown on the Locality Plan. Works will occur on Crown Land Lots 551, 552 and 354, between Bindi Bindi Aboriginal Community and Discovery Parks Onslow. Lot 553 will be utilised as a temporary lay down area. Works will also occur in the McAullay Road reserve and the Beadon Creek road reserve. The proposed works are scheduled to commence in 2024 and will continue for a duration of approximately 18 months.

Further project information may also be obtained by contacting the Project Manager, Mr Andre Azis, on 0448 776 308.

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



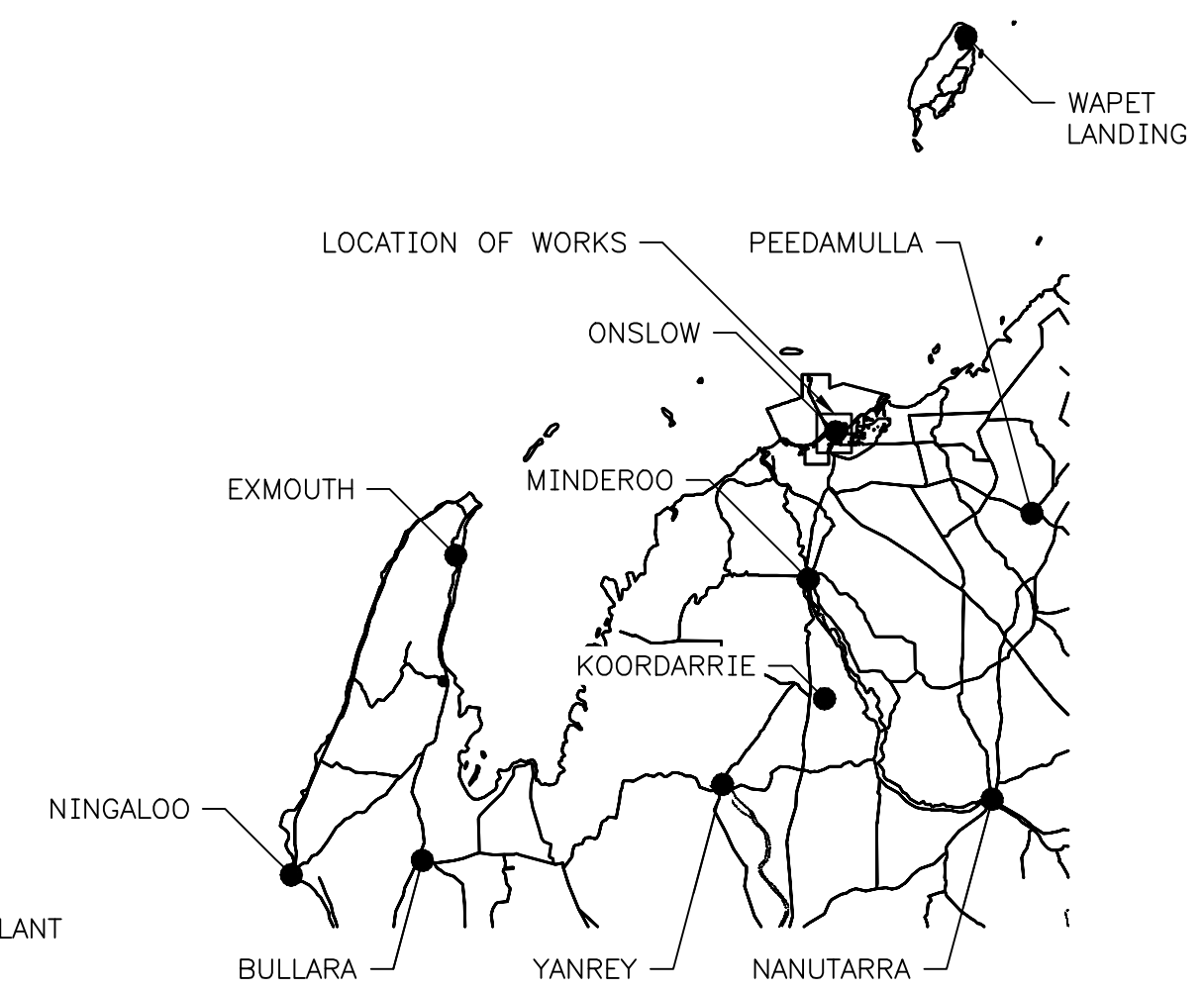
PLAN
N: 7604141.00
E: 303166.00



DESALINATION PLANT INSERT
SCALE: DIAGRAMMATIC

LEGEND

- PROPOSED WATER PIPE
- - - - - PROPOSED DISCHARGE PIPE
- - - - - PROPOSED WASTEWATER PIPE
- - - - - EXISTING WATER PIPE
- - - - - EXISTING PRESSURE MAIN
- - - - - EXISTING SEWER LINE
- - - - - EXISTING CADASTRAL BOUNDARY
- * PROPOSED DESALINATION PLANT
- EXISTING WATER PUMP STATION
- EXISTING WASTEWATER TREATMENT PLANT



LOCALITY PLAN
NOT TO SCALE

SCALE: 1:10000 AT A1
100 50 0 100 200 300 400 500 600 700 m

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD	DESIGN SURVEY NONE	VERTICAL DATUM AHD	DES CALC I. BURAK	NORTH POINT	RECOMMENDED 20/03/2024 I. BURAK PRINCIPAL ENGINEER, TREATMENT DESIGN		ONSLOW WATER SUPPLY ONSLOW WATER TREATMENT PLANT PREREQUISITES TO WORKS NOTICE OF PROPOSAL - GENERAL WORKS	ORIGINAL SHEET SIZE	
ASCON SURVEY NONE	DES REF NONE	DRN J. DRUCE Q.C. CHD P. MIRCO							APPROVED 20/03/2024 B. MOULDS SENIOR PRINCIPAL ENGINEER, WT		FILE			PLAN	CAD
												PROJECT CW03557	LJ23-0-2	A	MF