Attachment 11.6.2

PROJECT MANAGEMENT PLAN

GRANGE ROAD CARPARK PROPOSAL

OVERVIEW

Grange Road Carpark is a proposed public parking facility to be located on Reserve 46859. The site is currently undeveloped and under the management authority of the Water Corporation. The proposal aims to establish a new carpark to improve usability, safety, and parking congestion during large events.

The Nannup CBD has experienced ongoing issues with parking availability, particularly during major events. With the Union Cycliste Internationale (UCI) Gravel World Series race scheduled to take place in Nannup in October 2026, the need to address parking infrastructure has become paramount. The event is expected to attract a significant number of visitors, competitors, and support crews, placing additional pressure on existing parking facilities. The proposed Grange Road Carpark will provide a strategically located overflow parking area to support the event and serve the community in the long term.

As the land is reserved for sewer pump station purposes under the Land Administration Act, the Water Corporation does not have the legislative power to lease the land. Therefore, the Shire of Nannup must submit a formal application to the Department of Planning, Lands and Heritage (DPLH) to seek tenure approval through an easement arrangement. This easement would allow for the development and ongoing management of the carpark while ensuring Water Corporation access and infrastructure protection are ma

DESIGN

The proposed development comprises the construction of a sealed carpark facility. The design accommodates a total of 64 parking bays, inclusive of 62 standard bays and 2 ACROD-compliant accessible bays, in accordance with relevant Australian Standards and accessibility guidelines.

Vehicular access to the carpark will be provided via a dedicated entry and exit point off Grange Road, designed to ensure safe ingress and egress with appropriate sightlines and turning radii. Internal circulation has been planned to facilitate efficient traffic flow and minimize congestion, with clear delineation of bays and directional guidance through linemarking.

The carpark surface will be constructed using a 30mm thick asphalt seal, laid over a suitably prepared subgrade and basecourse to ensure structural integrity and longevity. The asphalt surface will be finished to a high standard, providing a durable and low-maintenance solution suitable for vehicular traffic.

The carpark will be graded at a consistent 2-degree slope, directing surface runoff towards the centre and eastern end of the carpark. Stormwater will be collected via a centrally located side entry pit, which will discharge into the existing municipal stormwater infrastructure on Grange Road. This design ensures effective drainage and mitigates the risk of surface water pooling, in compliance with local drainage standards.

Preliminary site investigations indicate that the subgrade soil at the proposed Grange Road carpark location is a duplex profile, with a sandy loam topsoil overlying a medium clay subsoil. While formal geotechnical testing is pending, it is anticipated that the California Bearing Ratio (CBR) of the clay subgrade will be less than 10%, which is typical for medium clay soils in the region and consistent with observed site conditions.

Given the expected low CBR value, the pavement design has adopted a conservative approach in accordance with Main Roads Western Australia Specification 501 – Pavements. Specifically, an unbound granular basecourse layer of 300 mm thickness has been selected to ensure adequate structural support and load distribution for vehicular traffic. This may be adjusted as soon as soil tests have confirmed CBR.

Concrete barrier kerbing will be installed around the perimeter of the carpark to define boundaries, enhance visual appeal, and provide structural support to the pavement edges. The kerbing will also assist in guiding stormwater flow and protecting landscaped areas.

All parking bays, including ACROD bays, will be clearly line marked in accordance with AS 2890.1 and AS 2890.6. Directional arrows, pedestrian pathways, and any necessary signage will be incorporated to ensure compliance with safety and accessibility standards.

Provision has been made for the installation of solar-powered lighting. The lighting system will be designed to enhance safety and visibility during evening hours while minimizing energy consumption and environmental impact.

The carpark perimeter will be landscaped with suitable tree species and low-maintenance vegetation to improve aesthetics and provide shade. Species selection will consider local climate conditions, root structure compatibility with pavement, and long-term maintenance requirements.

EXISTING SERVICES

The site has been surveyed and underground services have been identified.

ABORIGINAL CULTURAL HERITAGE (ACH)

No registered Aboriginal Cultural Heritage sites were identified within the project area. The site has been previously disturbed and is considered low risk.

VEGETATION CLEARING

The site is already cleared and used informally. No native vegetation is present, and a clearing permit is not required.

APPROVALS

Currently the reserve is managed by Water Corporation for sewer pump station purposes. Under the Land Administration Act, the Corporation does not possess the legislative authority to lease the land.

The Water Corporation has undertaken a comprehensive review of the proposed carpark development in consultation with its Asset Protection and Operations teams. The Water Corporation has offered its full support for the carpark project.

The Shire of Nannup is seeking approval from the Department of Planning, Lands and Hertiage (DPLH) for the establishment of an easement which has been identified as the preferred option for tenue. As part of the tenure option, the Water Corporation

WORK HEALTH AND SAFETY (WHS)

A TMP will be prepared to manage vehicle and pedestrian movements during construction. Temporary signage and barriers will be used to redirect traffic safely. A fence shall be installed around the perimeter of the work site to prevent public access. All Shire employees and contractors shall carry out work on the site in accordance with the Shires Work Health and Safety requirements.

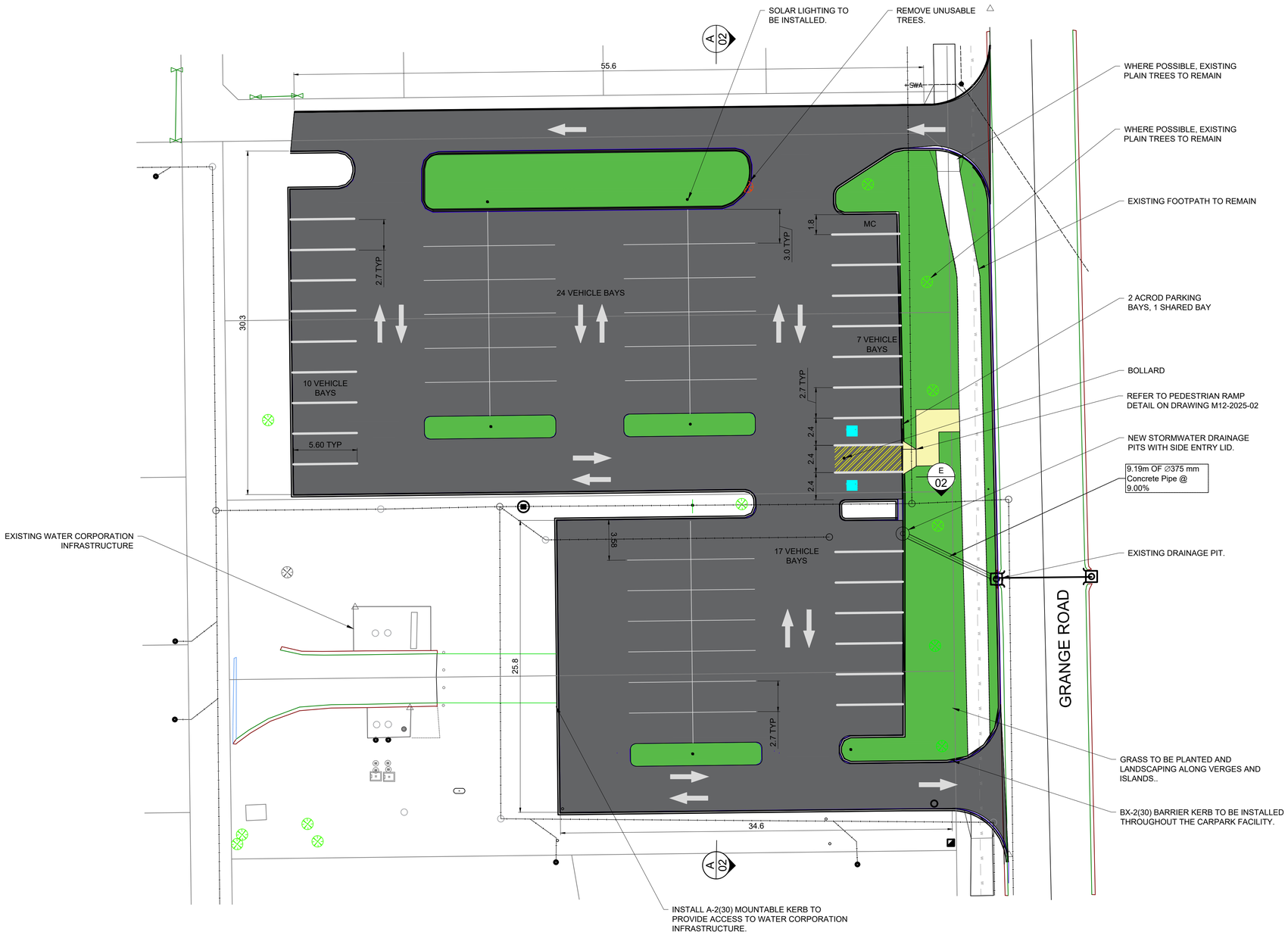
EXISTING SITE

The proposed site for the Grange Road carpark is situated on land that has been predominantly cleared of native vegetation. The only remaining vegetation consists of a few rows of planted plane trees, which appear to have been established for aesthetic purposes. The site shows signs of previous disturbance. Vegetation is limited to non-native weeds. No significant understorey or remnant native flora is present.

The Grange Road Carpark contains duplex soils, which exhibit a marked contrast in texture between the upper and lower horizons. The surface layer typically consists of sandy loam to clay loam. Beneath the loamy topsoil lies a medium to heavy clay subsoil. This exhibit sodic or dispersive properties, which can affect soil structure and increase erosion risk if not properly managed. Clay layer tends to be poorly rained, with seasonal water retention and waterlogging.



NOT FOR CONSTRUCTION



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REVISIONS

Rev	Date	Revision	Chkd	By
0	02/11/23	PRELIMINARY DRAFT		

PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH AS 1742.2.

PEDESTRIAN RAMPS SHALL BE IN ACCORDANCE WITH MRWA DRAWING 9831-5649-2

FOOTPATHS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AUSTROADS PART 6A PEDESTRIAN AND CYCLIST PATHS.

TRAFFIC MANAGEMENT PLANS SHALL BE APPROVED IN ACCORDANCE WITH AUSTROADS AGTTM, AS1742.3 & MRWA CODE OF PRACTICE BEFORE COMMENCEMENT OF WORKS.

ALL SERVICES SHALL BE LOCATED PRIOR TO ANY EXCAVATION.

ALL ACROD PARKING BAY TO BE CONSTRUCTED IN ACCORDANCE WITH AS/NZS 2890.6,

ALL DIMENSIONS IN METRES UON.

ASPHALT AREA
FOOTPATH 1 - 226.8.3m^2
FOOTPATH 2 - 274.5m^2

PROPOSED ASPHALT CARPARK
CADASTRE
SIGN
TELSTRA
WATER
SEWER
POWER

Shire of Nannup
rest • connect • grow

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Checked	DAMON LUKINS

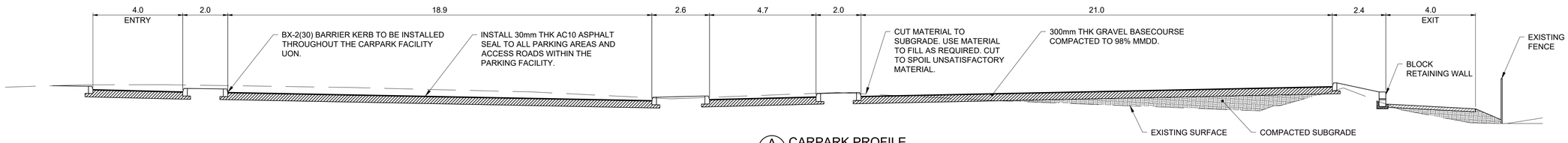
GRANGE ROAD CARPARK
NANNUP TOWNSITE
PLAN LAYOUT

Ref No.

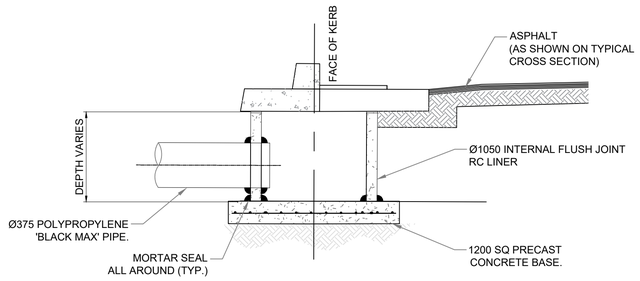
Plan No. M12-2025-01

Rev. 0

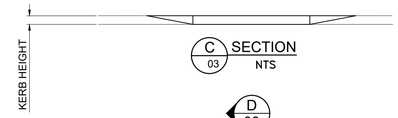
NOT FOR CONSTRUCTION



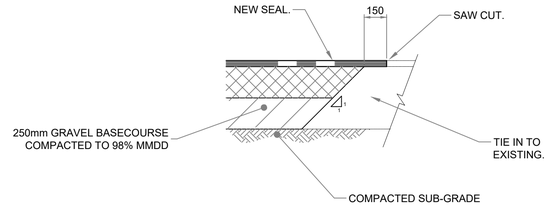
A 01 CARPARK PROFILE



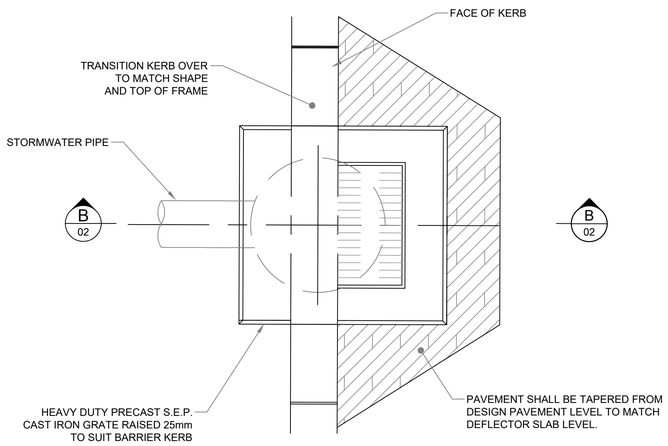
B 02 SECTION



C 03 SECTION NTS

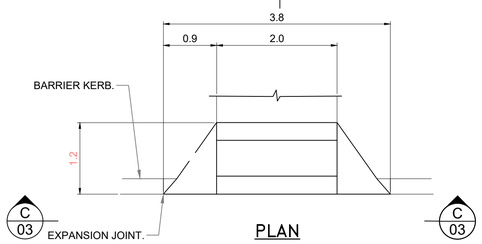


TYPICAL TRANSVERSE TIE-IN DETAIL
NTS

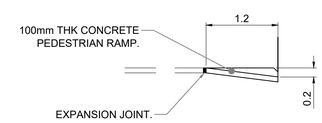


TYPICAL SIDE ENTRY PIT DETAIL
NTS

D 03



PLAN



D 03 SECTION NTS

TYPICAL PEDESTRIAN RAMP DETAILS.
NTS

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DESIGN SURFACE
NATURAL SURFACE

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Surveyed	
Designed/Drawn	DAMON LUKINS
Checked	DAMON LUKINS

GRANGE ROAD CARPARK
NANNUP TOWNSITE
SECTION VIEW & DETAILS

Ref No.

Plan No. M12-2025-02

Rev. 0