



# LAND 121 STAGE 2 UNIT SUSTAINMENT FACILITIES

## Location

Townsville QLD

## Client

Shamrock Civil Engineering

## Commencement Date

May 2017

## Completion Date

June 2017

## Contract Value

\$64,359

## Overview

WSU Civil were contracted by Shamrock Civil Engineering to undertake the construction of inground stormwater pipes and open vee drains for the Lavarack Barracks Townsville LAND 121 project. The project involved the construction of the stormwater infrastructure to support the assembly and operation of the new buildings and facilities for the LAND121 vehicles.

## Scope of Works

- Site establishment
- Erosion and sediment controls
- PFAS ground contamination removal
- Clearing and grubbing of the work zones
- Earthworks – excavation of the open vee drains, trim and compact the drain surfaces
- Installation of drainage infrastructure including but not limited to:
  - 1,731m of stormwater pipes and associated pits, and
  - 3,706m<sup>2</sup> of open drains

## Achievements

WSU planned and designed the erosion and sediment controls and temporary drainage systems so that in a wet weather event the project site was not inundated with stormwater while the works were being completed.

WSU Civil completed the works ahead of program, to the specification and budget. This supported the client to complete other works simultaneously to assist in accelerating the program delivery prior to the traditional wet season.

