Housing Support Program – Phosphate Hill & Silver City Draft Structure Plans - 6 Nov.2024



Australian Government

Department of Infrastructure, Transport, Regional Development, Communications and the Arts

Shire of Christmas Island Housing Support Program - Stream One



Planning Regulatory Framework

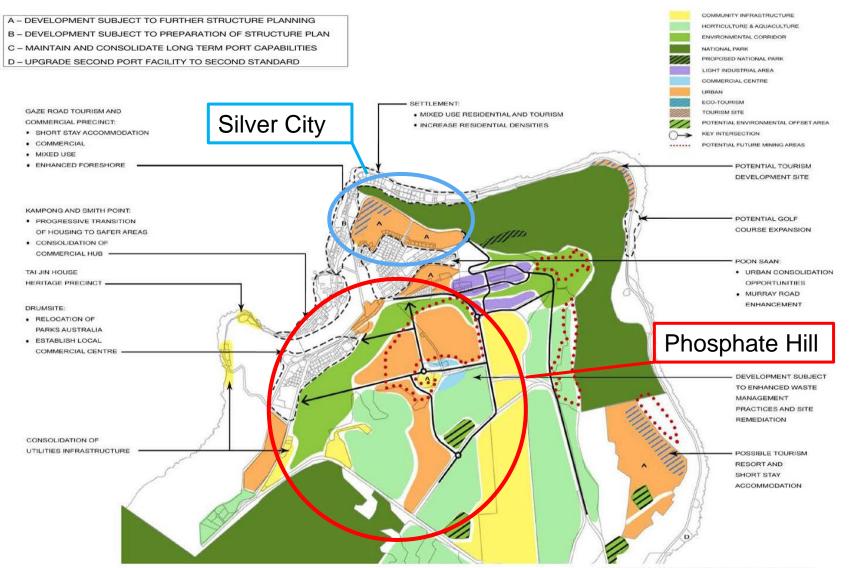
The Draft Structure Plans at Siver City and Phosphate Hill have to adhere to the manner and form of preparation expected by the Western Australian Planning Commission (WAPC) taking into account the following regulatory documents and policies:

- Schedule 2, Part 4 Planning and Development (Local Planning Scheme) Regulations 2015;
- WA Planning Manual Guidance for Structure Plans;
- State Planning Policy 7.0 Design of the Built Environment;
- State Planning Policy 7.2 Precinct Design Guidelines:
- Planning for Liveable Neighbourhoods
- State Planning Policy 7.3 Residential design Codes Volumes 1 & 2
- Operational Policy 1.1 Subdivision of Land General Principles
- Christmas island Local Planning Strategy and Scheme No. 2

Environmental Regulatory Framework

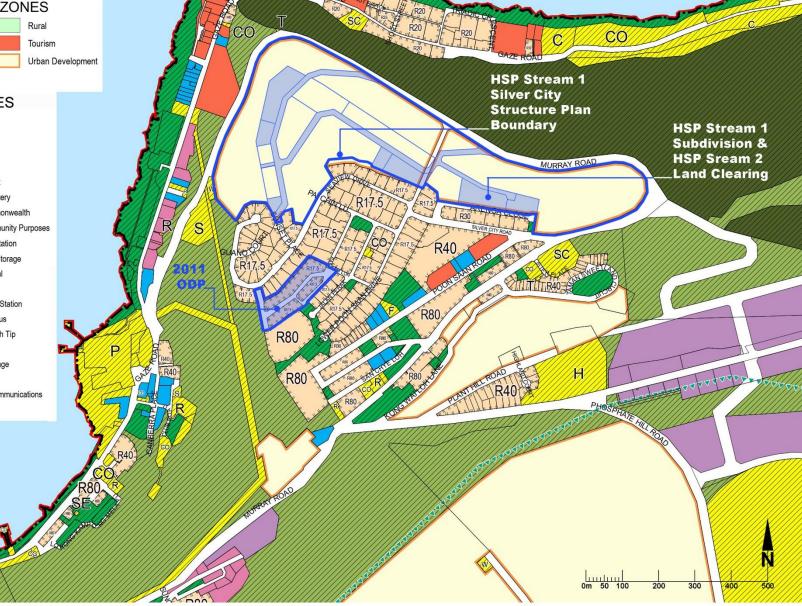
Environment protection and Biodiversity Conservation Act 1999

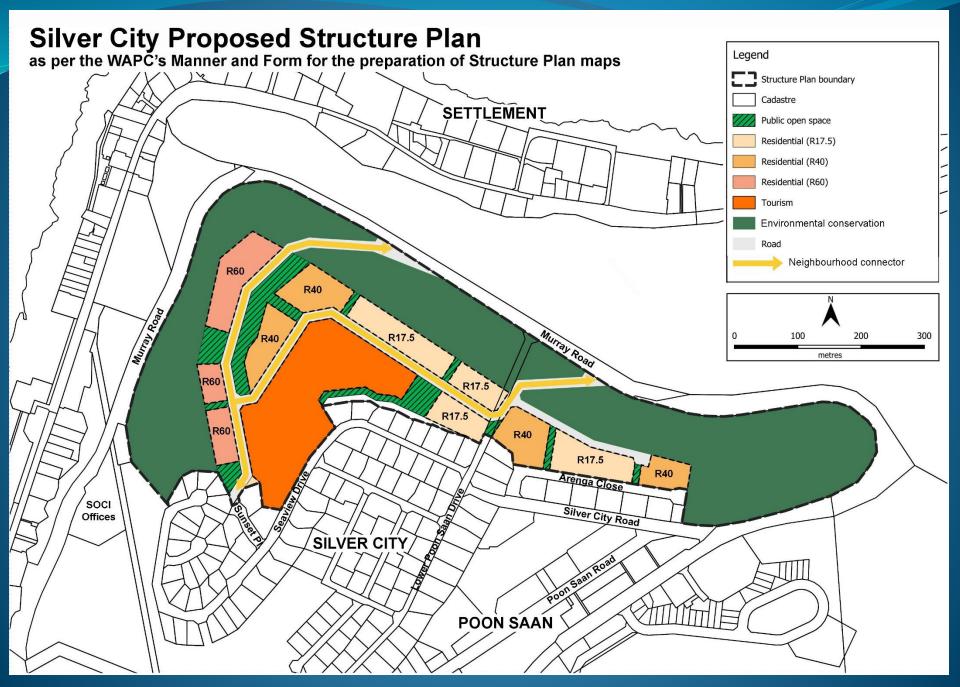
Shire Local Planning Strategy - Endorsed by the WAPC May 2015



Silver City Proposed Structure Plan - TPS No.2 Map Context







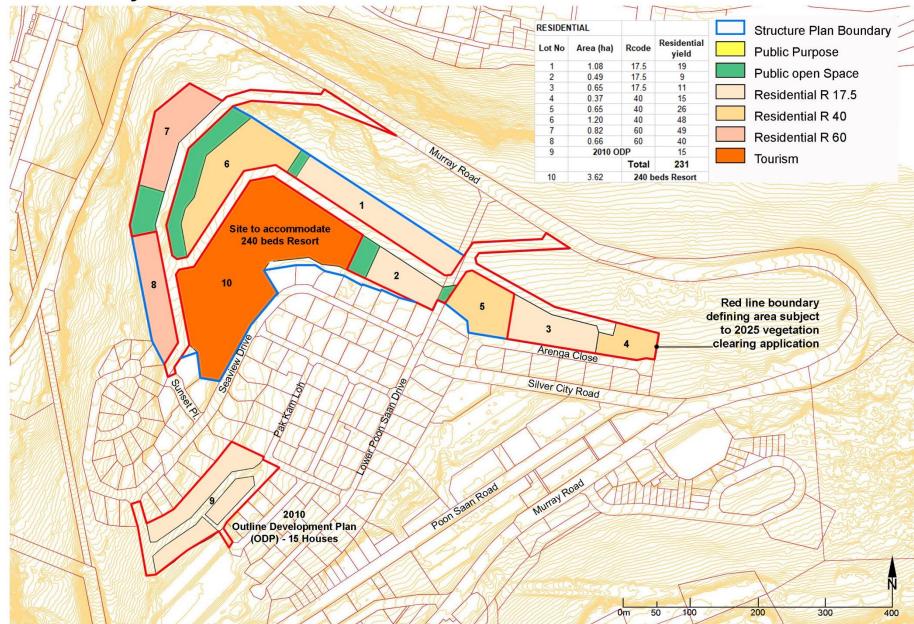


Land considered for Vegetation Clearing Application in 2nd quarter of 2025

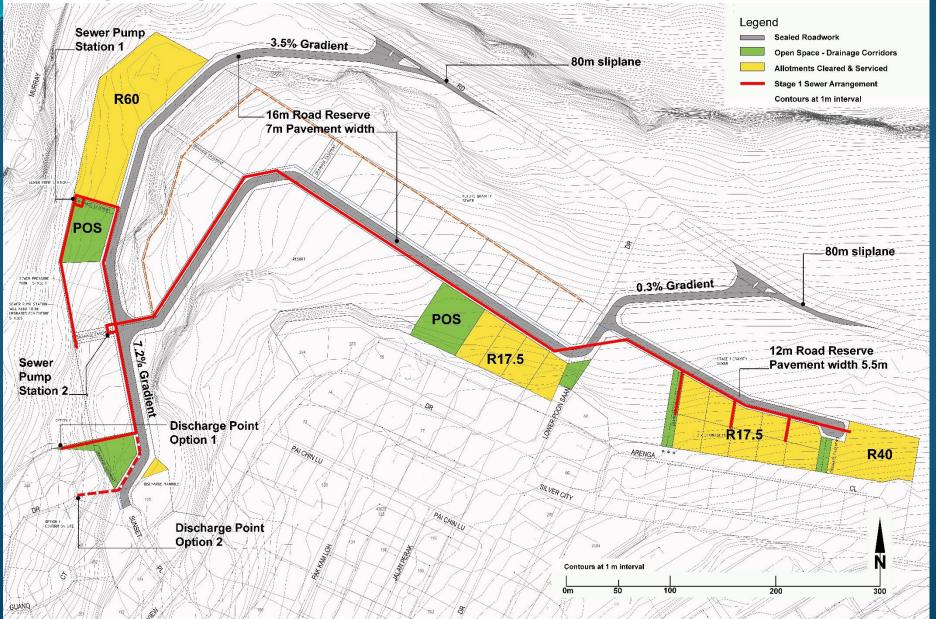
Silver City Field Survey - Flora & Fauna traverses 10-17 Sep.2024



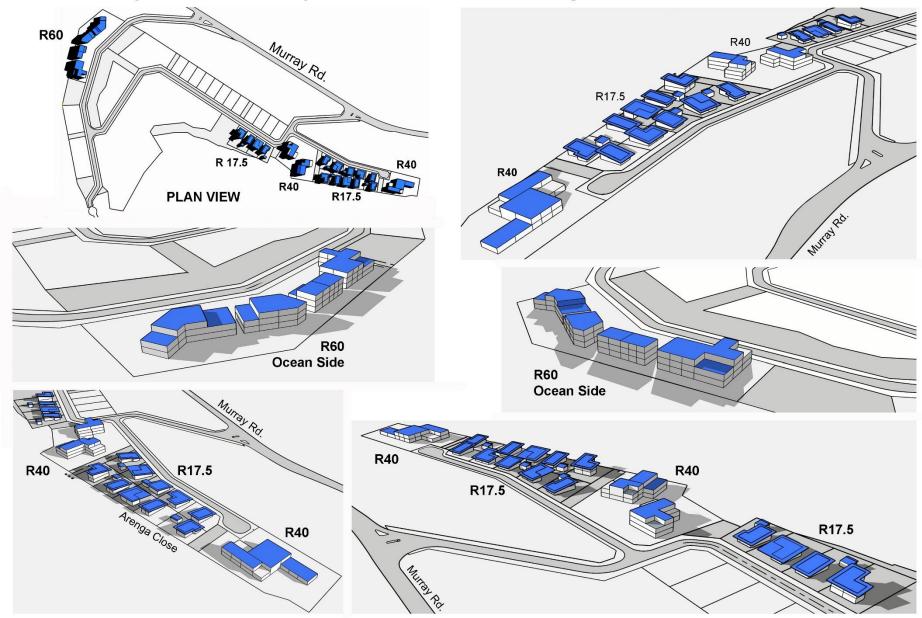
Silver City - Residential Yield Estimate



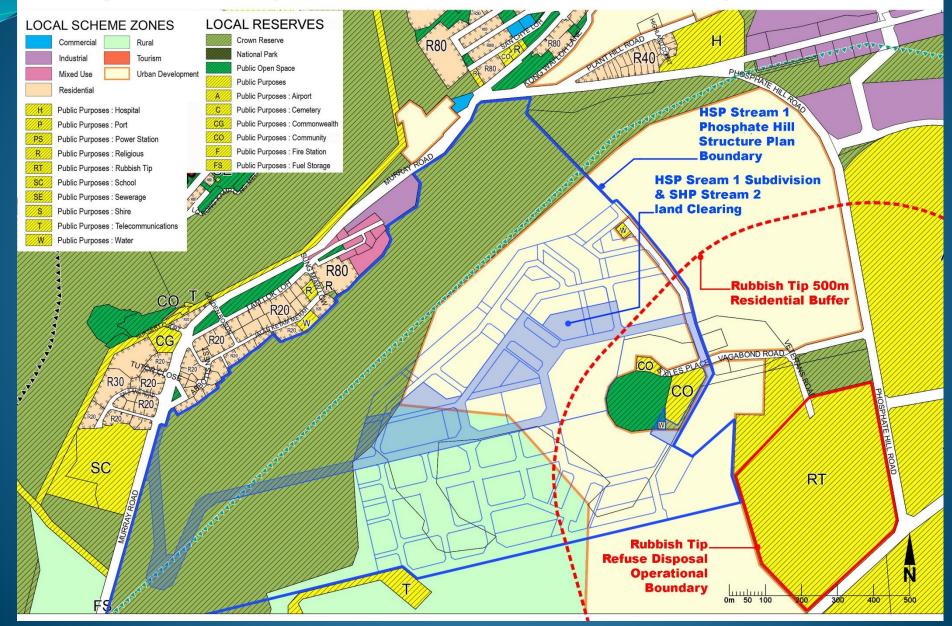
Civil Engineering and Subdivision parameters – Stage 1



Silver City - Preliminary Built Form Modeling

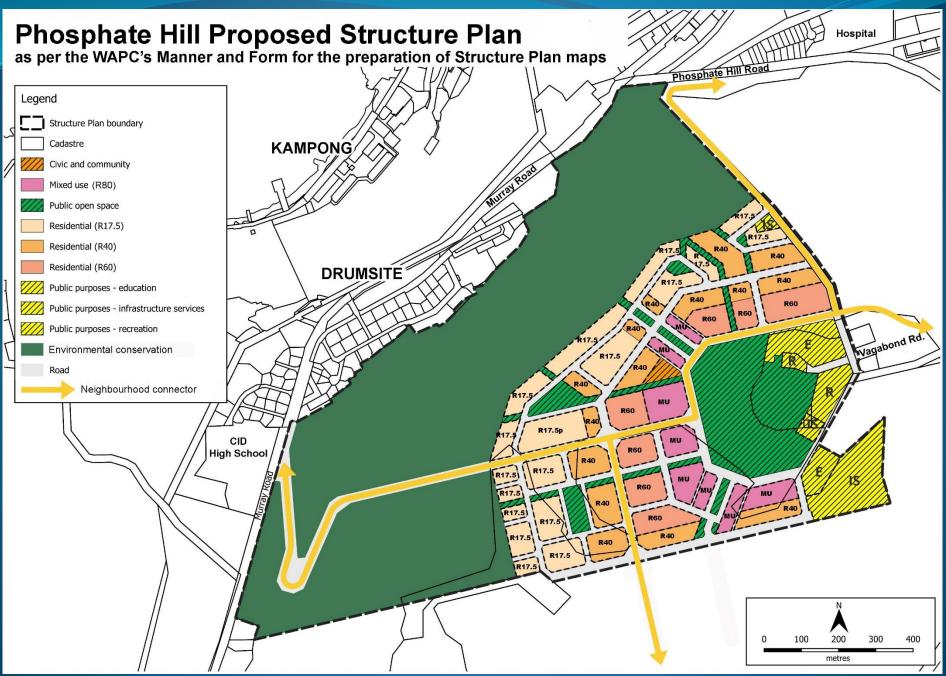


Phosphate Hill Proposed Structure Plan - TPS No.2 Map Context



Phosphate Hill Draft Structure Plan Influencing Parametres

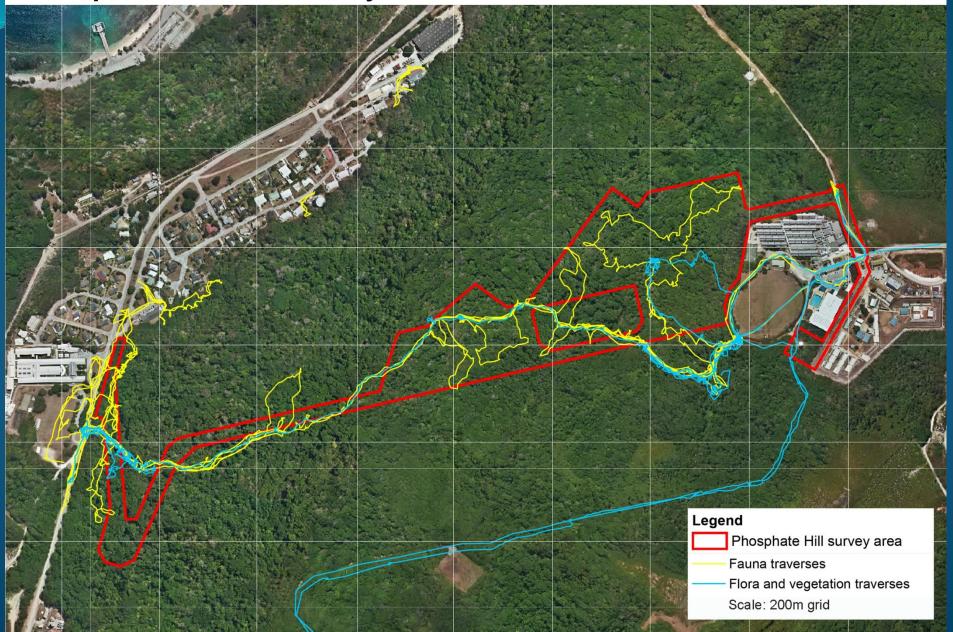


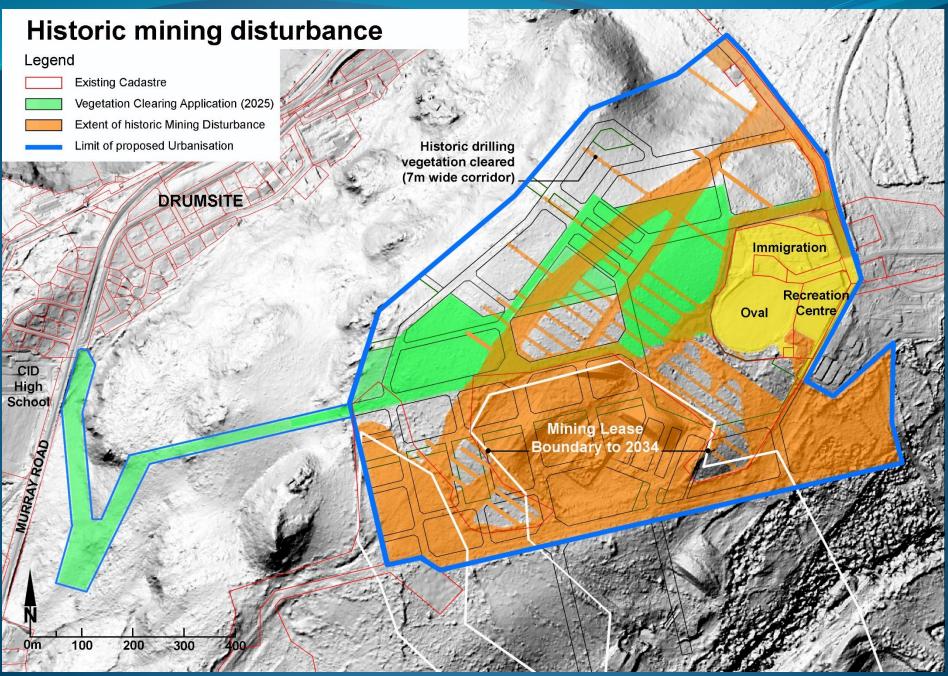


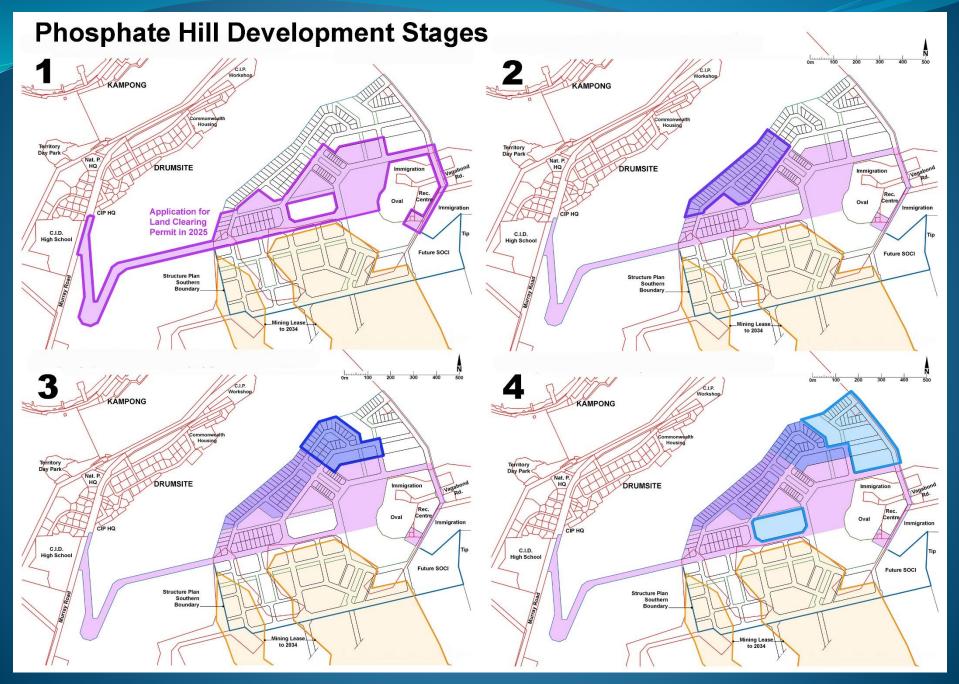
Land considered for Vegetation Clearing Application in 2nd quarter of 2025



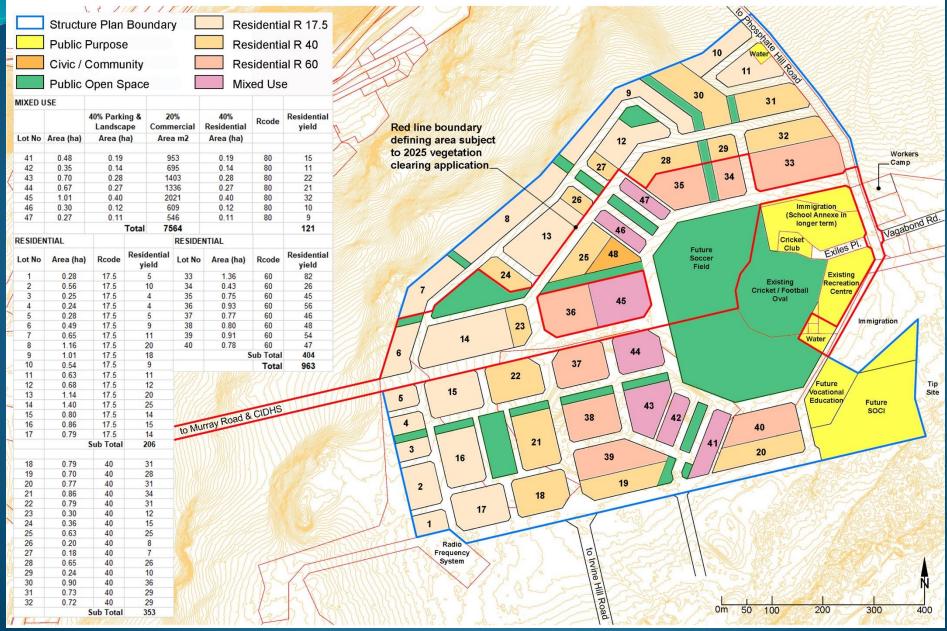
Phosphate Hill Field Survey - Flora & Fauna traverses 10-17 Sep. 2024



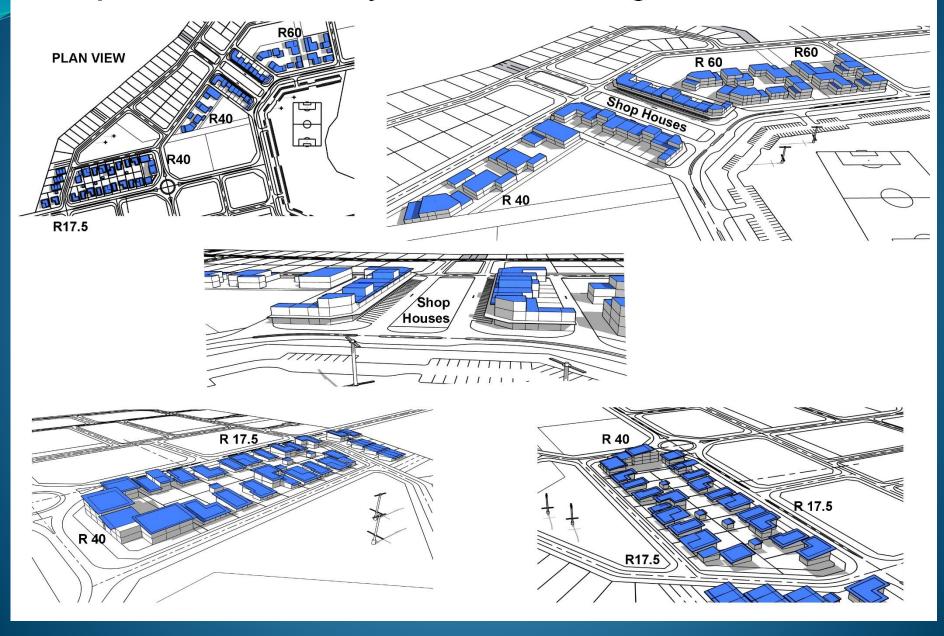




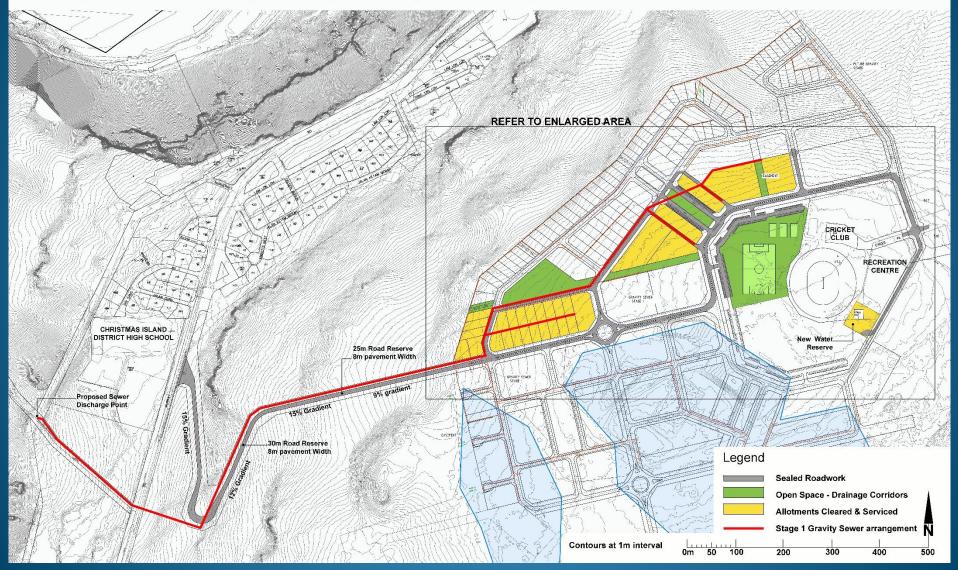
Phosphate Hill - Residential & Commercial Yield Estimate

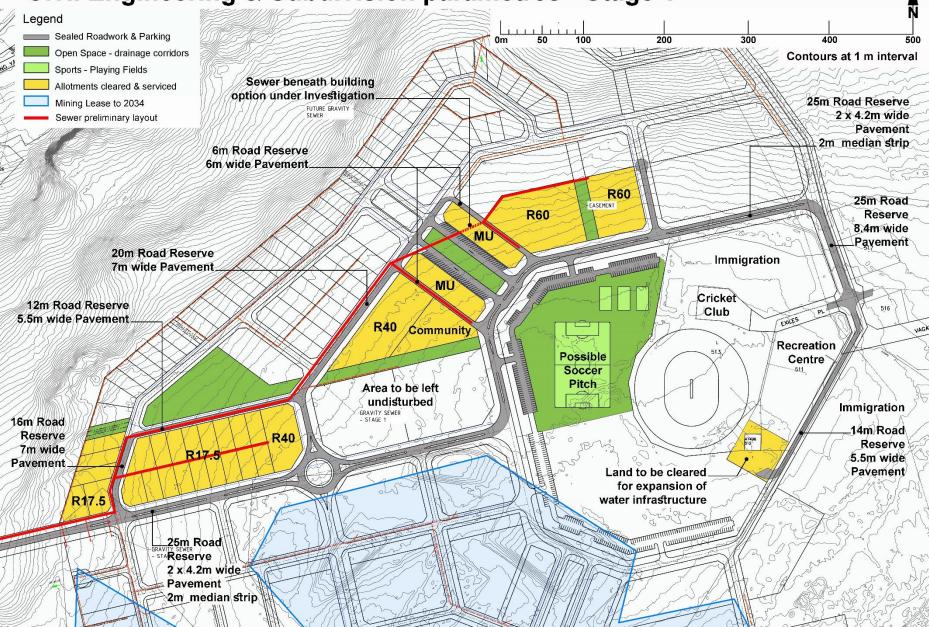


Phosphate Hill - Preliminary Built Form modeling



Phosphate Hill Civil Engineering Scoping Area - Stage 1 Overall





Planning for Green Energy

Potential Partnership with Flinders University & VAWT-X





"Quiet off-grid power close to the end user"

Pilot Project funded by DITRDCA

Telecommunications Disaster Resilience Innovation Program:

- Design and Modelling at Flinders Uni
- Assembly at the University's Factory of the Future (Old Mitsubishi Plant)
- Field Deployment February 2025 Turbine Characteristics:
- Total weight 580 Kg
- Turbine in Steel Column base
- Blades in carbon & glass composites
- Installed Power 80 kW

