

## Checklist for Indigenous Community Development

The information below is to be used as a guide only.

Designs must conform with all Australian Federal Government, Northern Territory Government as well as Power and Water requirements and standards

Description of Services Extension/Subdivision:

(Eg. subdivision of lot 6913, Maningrida)

Designer:

Company:

Contact No:

Date:

**Comment**

### Land Development

- Approval from the relevant Australian Federal Government Department. Required for any work, New building, extensions, redevelopment
- Approval from the relevant Northern Territory Government Department  
Refer to [DLP STRATEGIC PLANNING](#) email – [planning@nt.gov.au](mailto:planning@nt.gov.au) or telephone 8999 1300
- Subdivision / Lot Development approved

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### Lot Servicing - Planning Phase

**Comment**

- Lot servicing plan showing all existing and proposed services for the proposed Development forwarded to Power and Water Corporation
- Lot servicing plan to existing, additional and total loads
- Appropriate backflow prevention device required at meter arrangement to be shown on plan.
- A work plan and/or test inspection plan
- Do not assume the services networks are sufficient. Check network capacity and loads with Power and Water Corporation.
- Refer to PWC lot servicing example
- Lot servicing plan to included a location of lot within the community.
- Location of existing and proposed buildings, lot boundaries, driveways, garages/carports, gates, etc.
- Location of existing and proposed water meters, sewer connections, etc.

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### Lot Servicing - Construction Phase

**Comment**

- Electrical application and Notice of intention.
- Plumbing (water and sewer) application and approval, prior to starting work to on site. (submit copy of the PWC approved lot servicing Plan.)
- Certificate of Compliance to be submitted to PWC along with photos of all underground construction
- Completed asset handover documentation as per the ICAH including compliance or non conformance with test inspection plan, assets capitalization values.

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## Water Mains – Networks new or extensions

### Comment

- Review your load demands against the Power and Water(PWC) Hydraulic model. PWC will supply the existing EPANET model. This model is to be updated with your data and returned to Power and Water for review. If a PWC EPANET model is not available, separate arrangement will need to be made with PWC.
- Determine the ultimate demand (l/s) from the development, both domestic and fire fighting.
- Determine the worst case headloss for your development.
- Ensure there is sufficient flow and pressure in the local water supply system to service the ultimate demand, including fire flows and worst case headloss.
- Minimum pipe size will be DN150.
- Water pipes must always be located above sewerage/stormwater pipes.
- No Dead end mains
- Ensure water services do not conflict with other services (ie. electricity, sewer stormwater drains& valves or FHdriveway). Indicate non-standard alignments.
- In existing services areas, include longitudinal section detailing all existing services and levels.
- Construction photos of all underground works included in documentation and estimates in accordance with the Inspection Test Plan.
- Ensure design is approved by Power and Water prior to tender or construction.

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## Sewer Mains – Networks new or extensions

### Comment

- Lot Control for Sewer
- Connection to sewer type/ depth / location all documented on plan
- Ensure there is sufficient existing capacity in the local sewerage network for your development.
- Sewer mains should be located within the road reserves and/or service corridors. Recommended offset of 1.6m from property boundaries in road reserves. Sewer mains inside allotments should be avoided but if they can not be avoided an offset of 1.5m from the property boundary is recommended.
- Ensure minimum grades are achieved for self cleaning of sewer main as per ICEG
- Construction photos of all underground works included in documentation and estimates in accordance with the Inspection Test Plan.
- Ensure design is approved by Power and Water prior to tender or construction.

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## Electrical Network – new or extensions

### Comment

- Calculated Maximum demands
  - Existing
  - Additional New works
  - New calculated maximum demand
- Point of attachment for lots shown on plan – demands allowed for lots shown
- Meter location shown
- Meter requirements – pre paid or credit
- Is a road clearance pole required – If so show location on lot servicing plan. Recommended location is off set 0.5m into road reserve and in line with property side boundary.
- Services to be located in public land – road reserve no Ariel trespass of mains or services over lots.
- Pole schedule clearly references pole types, pole tops, HV and LV requirements.
- Ensure design is approved by Power and Water prior to tender or construction.

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