**ATTACHMENT E: CONCEPT DRAWINGS**

**Sewerage Collection System**

Pressure Sewer
Dwg SK01  Pressure Sewer Collection System

Hybrid
Dwg SK02  Hybrid Gravity and Pressure Collection System

Pressure and Hybrid
Dwg SK07  Functional Sketches of Collection System arrangement

**Waste Water Disposal System**

On Island Treatment System
Dwg SK06:  Concept Plan

Discharge to Sydney Water
Dwg SK01  Pressure Sewer Collection System

**Water Supply System**

Low Flow
Dwg SK04  Low flow Water Supply from Sydney Water with single drinking water point and rainwater tank top up.

Full Reticulation
Dwg SK03  Full mains pressure supply .

Functional Section
Dwg SK07A Functional Sketches of Water System arrangements
SCOTLAND ISLAND PRESSURE SEWERAGE SYSTEM

1. POROUS PRESSURE SEWER MAIN
2. NON-POROUS PRESSURE SEWER MAIN
3. PRESSURE SEWER MAIN EXISTING

Legend:
- PROPOSED PRESSURE SEWER MAIN
- ZONE NUMBER/Pipe Size
- ZONE/Pipe Size Change Flow Direction
- EXISTING SEWER MAIN
- DISCHARGE LINE
- PRESSURE SEWER MAIN
- AIR VALVE
- EXISTING WELL

Note:
- Connection to Existent sewer access chamber

Details:
- Power cable
- Typical house connection detail
- Typical pressure sewerage system
- Septic tank installation works
SCOTLAND ISLAND
SEWAGE COLLECTION FUNCTIONAL SECTIONS

SEWAGE COLLECTION SYSTEM
HYBRID PRESSURE / GRAVITY

SEWAGE COLLECTION SYSTEM
PRESSURE SEWER SYSTEM

EXISTING WASTEWATER TREATMENT

RISK OF OVERFLOW TO PROPERTIES ON LOWER ELEVATIONS; ESPECIALLY DURING WET WEATHER
SCOTLAND ISLAND
SMALL BORE POTABLE WATER SYSTEM
SCOTLAND ISLAND
WATER SUPPLY OPTIONS

WATER SUPPLY
SMALL BORE OPTION

WATER SUPPLY
MAINS PRESSURE SUPPLY

WATER SUPPLY
EXISTING