

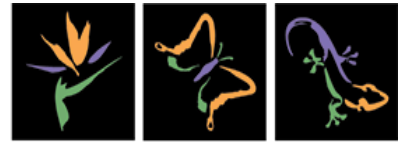


ENGINEERING
PROCUREMENT
MANAGEMENT

SANBI

Biodiversity for Life

South African National Biodiversity Institute



SANBI PROJECTS (NZG, MBC & TBG)

SITE NAME: THOHOYANDOU BOTANICAL
GARDEN

PROJECT NUMBER: 34398.01

PROJECT NAME: EXISTING LAUNDRY

SANITARY SCHEDULE

34398-01-611-03-02

REV. B

17 September 2021

APPROVALS:

NAME	ROLE	DATE	SIGNATURE
	Program Manager		
	Project Manager		
	Engineering Manager		
Desmond Brand	Principle Agent & Architect	17/09/2021	

1. EXISTING LAUNDRY BUILDING

1.1 GENERAL

Existing laundry building to be subdivided to accommodate a laundry and new common kitchen area.

Potable Water – refer Civil Engineers drawing and specification.

Soil and Waste Water – refer Civil Engineers drawing and specification.

Electrical – refer Electrical Engineers drawing and specification. Hot water heaters and hand dryers.

1.2 NEW KITCHEN

1.2.1 SINK:

1.2.1.1 Sink:

Provide Two Franke 1 160 mm x 460 mm Projectline PLN 621 stainless steel double bowl insert kitchen sink with one side drainer – 101.0039.832, or similar approved. Sink to be supplied complete with 38 mm diameter outlet, basin wastes and PVC plugs supplied complete with sink.

Provide continuous clear silicone sealant between sink perimeter and counter top. All edges to be properly sealed.

1.2.1.2 Mixer Taps:

Cobra Watertech or similar approved, product code 296CA Carina one hole sink mixer with aerated swivel outlet with inlets for flexible tubing.

Finish – Chrome.

SAP Code: FSK2D1CA-0GT0009.

1.2.1.3 Angle Regulating Valves:

Cobra Watertech or similar approved (located under counter) angle regulating valves, code 832-10 with sliding flange.

Finish – Chrome Plated. Hot – Left. Cold – Right.

**1.2.1.4 Inlet Tubing:**

Cobra Watertech or similar approved braided flexible inlet tubing.

Blue and Red.

1.2.1.5 Wastes:

Cobra Watertech or similar approved unslotted sink waste, chrome – code 311 supplied complete with plug, flange, shank, male outlet connection and back nut.

1.2.1.6 Traps:

Marley or similar approved double drain black rubber deep seal “P” Trap to be securely fixed to the basin waste.

1.3 LAUNDRY**1.3.1 WASH TROUGH:****1.3.1.1 Wash Trough:**

Provide Two Franke Model or similar approved wall mounted ET101 Single Fabricated Economy Type Wash trough, 540 x 440 x 300mm deep.

Unit to be manufactured from Grade 430 (17/10) Stainless Steel, 0,8mm gauge. Unit to be manufactured with a sloped front, with wash ridges and a 40mm waste outlet.

Trough to be supplied with fixing lugs to mount the trough to the wall. To be supplied complete with bolts for fixing.

1.3.1.2 Mixer Tap:

Cobra Watertech or similar approved wall mounted Star sink mixer. Code FSK2W2SR-0GT01.

Finish – Chrome Plated.

1.3.1.3 Waste:

Cobra Watertech or similar approved slotted sink waste, chrome – code 311 supplied complete with plug, flange, shank, male outlet connection and back nut.

1.3.1.4 Trap:

Marley or similar approved double drain black rubber deep seal “P” Trap to be securely fixed to the basin waste.

1.3.2 WASHING MACHINE:**1.3.2.1 Tap:**

Cobra or similar approved standard hose bib tap with threaded hose outlet including wing nut and lining.

Finish – chrome plated.

1.3.2.2 Outlet:

Existing.

1.4 COURTYARD**1.4.1.1 Tap:**

Cobra or similar approved standard hose bib tap with threaded hose outlet including wing nut and lining.

Finish – Brass.

Fix to standpipe and support at 600 mm above ground level.

1.5 GENERAL

- New internal water reticulation to tie into the existing water supply point to the building.
- New wastewater to discharge into new gully with grease trap at new sewer connection at the building – refer Civil Engineers documentation.
- Pressure reduction valve – to be confirmed.
- General potable water supply pipe work to be 20mm Copper pipe work recessed in walls and surface mounted above ceiling level.
- 15mm Copper Pipe Work to be used to connect fittings as required.



- New 150 Liter high pressure hot water heater to be installed to the ceiling void complete with drip tray and spout to outside of building.
- Provide a Cobra Cast Brass full way Gate Valves to hot water heater.
- All Hot Water Heaters to be installed in accordance with the manufacturer's specifications and National Building Regulations.
- All Hot Water Heaters to be installed in accordance with the Department of Public Works Standard Specification – Architectural Specification and National Building Regulations.
- Sink and hand wash basins to be provided with Hot and Cold-Water points.
- All external new Sewer Lines to be pressure tested, inspected and approved by the Civil Engineers before closing of excavations.