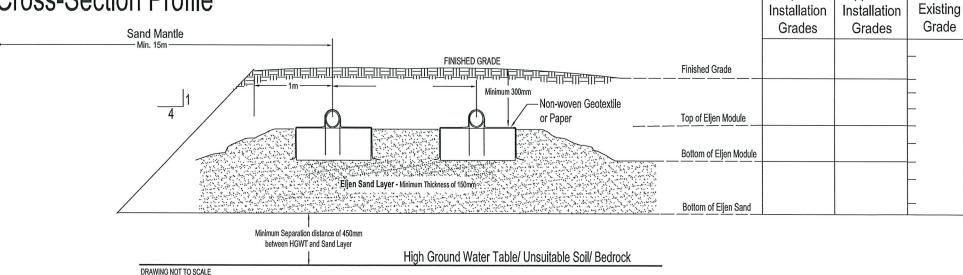
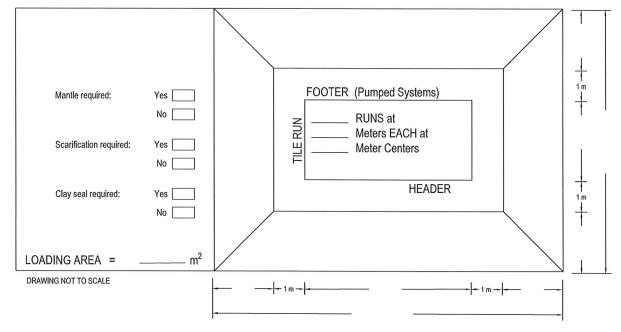
11/10 Plan View FOOTER (Pumped Systems) Mantle required: Yes TYPICAL DRAWING C No RUNS at BURIED OR RAISED BED - BMEC ELJEN System TILE RUN Meters EACH at Scarification required: Yes Meter Centers No **HEADER** Clay seal required: Yes No LOADING AREA = DRAWING NOT TO SCALE **Cross-Section Profile** Proposed Approved Installation Installation

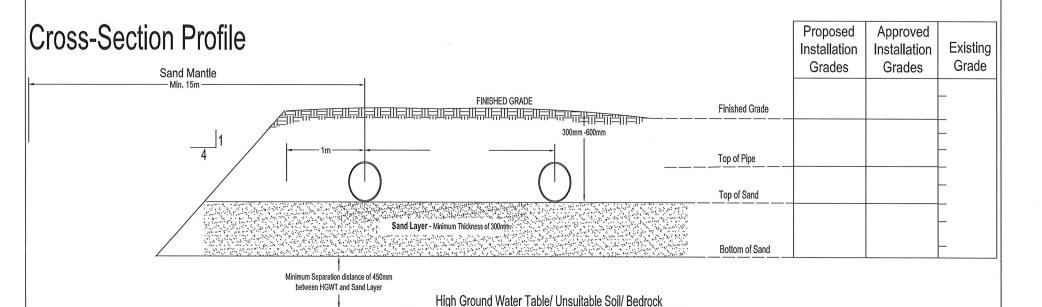




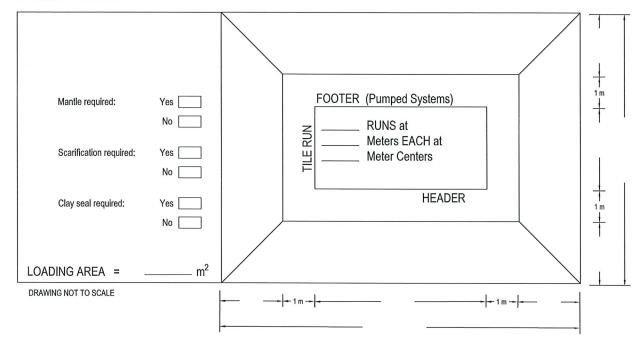
DRAWING NOT TO SCALE



TYPICAL DRAWING D
BURIED OR RAISED BED - BMEC ENVIRO SEPTIC



DRAWING NOT TO SCALE

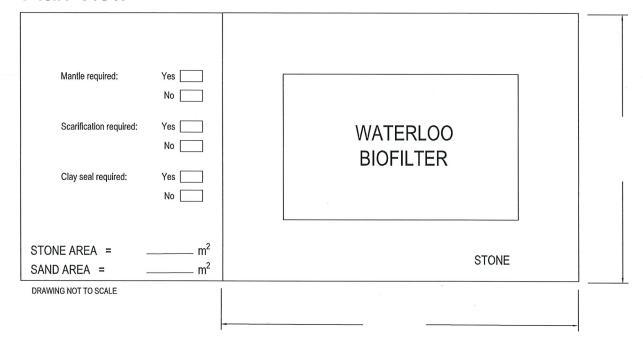




TYPICAL DRAWING E
BURIED OR RAISED BED - BMEC ATL

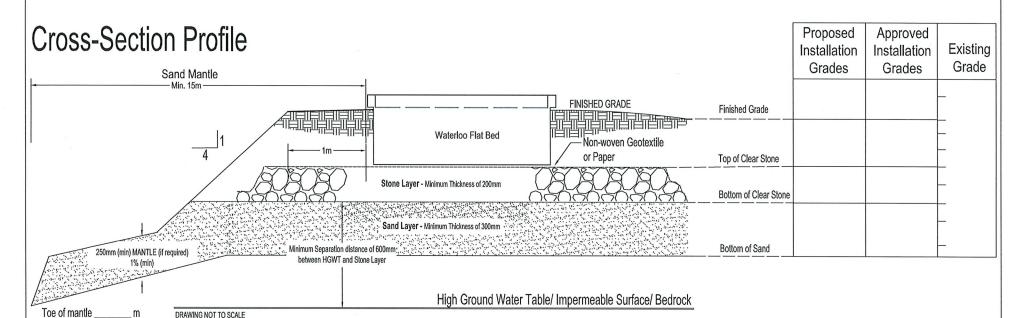
Cross-Section Profile Proposed **Approved** Existing Installation Installation Grades Grades Grade Sand Mantle Min. 15m FINISHED GRADE Finished Grade 300mm -600mm Top of Pipe Top of Sand Sand Layer - Minimum Thickness of 230min Bottom of Sand Minimum Separation distance of 450mm between HGWT and Sand Layer High Ground Water Table/ Unsuitable Soil/ Bedrock

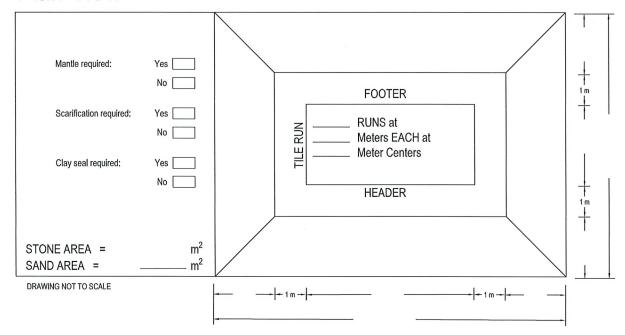
Plan View MIL Mantle required: Scarification required: **WATERLOO** TYPICAL DRAWING F **BIOFILTER** WATERLOO BIOFILTER SHED Clay seal required: STONE AREA = STONE SAND AREA = DRAWING NOT TO SCALE **Cross-Section Profile** Proposed Approved Existing Installation Installation Grade Grades Grades Sand Mantle FINISHED GRADE Finished Grade Waterloo Shed Non-woven Geotextile or Paper Top of Clear Stone Stone Layer - Minimum Thickness of 200mm Bottom of Clear Stone Sand Layer - Minimum Thickness of 300mm Bottom of Sand Minimum Separation distance of 600mm; 250mm (min) MANTLE (if required) between HGWT and Stone Layer 1% (min) High Ground Water Table/ Impermeable Surface/ Bedrock Toe of mantle DRAWING NOT TO SCALE





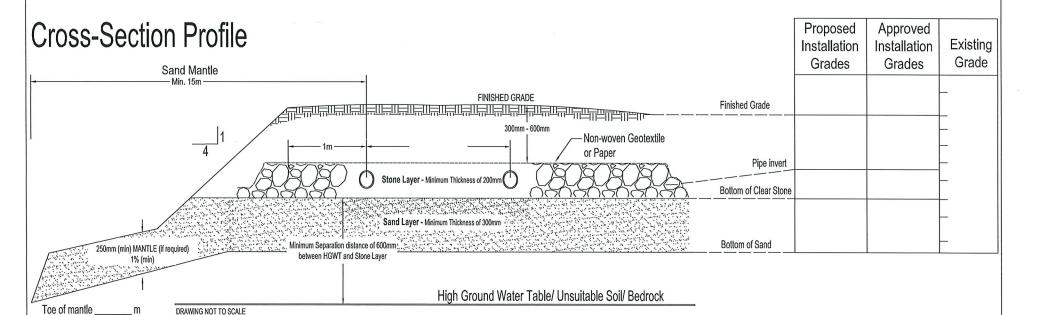
TYPICAL DRAWING G
WATERLOO BIOFILTER FLAT BED





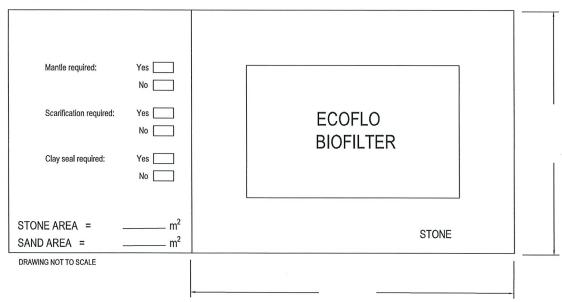


TYPICAL DRAWING H
TYPE A DISPERSAL BED



Toe of mantle

DRAWING NOT TO SCALE





TYPICAL DRAWING I ECOFLO BIOFILTER

Proposed Approved Existing Installation Installation Grade Grades Grades **Cross-Section Profile** Finished Grade Sand Mantle - Min. 15m Non-woven Geotextile Top of Clear Stone Stone Layer - Minimum Thickness of 200mm Bottom of Clear Stone Sand Layer - Minimum Thickness of 300mm Bottom of Sand Minimum Separation distance of 600mm 250mm (min) MANTLE (if required) between HGWT and Stone Layer High Ground Water Table/ Impermeable Surface/ Bedrock