



**EVERTHOUGHT  
EDUCATION**

**Everthought Education  
RTO Code: 32438**

**Recognition of Prior Learning – Unit Description**

**Qualification Code**

AHC30921

**Qualification Name**

Certificate III in Landscape Construction (Release 1)

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## Section 1. UNIT DESCRIPTION

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This document is designed to assist candidates with the self-assessment questionnaire to rate themselves against each unit of competency.

### 1.01 CORE UNITS

#### 1.01(a) AHCDRG305 Install drainage systems

This unit of competency describes the skills and knowledge required to prepare, coordinate, undertake and complete surface and subsurface drainage system installation. The unit applies to individuals who install drainage systems under broad direction and take responsibility for their own work.

##### Tasks

- I plan and prepare for installation of drainage systems, including identifying site and selecting required materials, tools and equipment
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I review plans, interpret symbols, check layout of services and schedule work tasks sequentially, maintaining environmental requirements and a clean and safe work site
- I complete excavations and install and test drainage systems, identifying remedial action required if operation does not meet specifications
- I finish earthworks to specification, clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling
- I check, maintain, store and secure tools and equipment and report any faults

#### 1.01(b) AHCLSC311 Set out site for construction works

This unit of competency describes the skills and knowledge required to set out a site for construction works, planning, preparing, locating and marking out construction works, establishing survey benchmarks and verifying site levels in accordance with site plans and specifications. This may be done in advance of proposed works or in conjunction with construction works already being carried out. The unit applies to individuals who set out site for construction works under broad direction, and take responsibility for their own work and for the quality of the work of others.

##### Tasks

- I plan and prepare for setting out site, interpret and compare site plans and specifications with other available plans
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I locate and mark out position of construction works according to plans and specifications
- I identify site datum from plans and establish benchmark for construction works
- I take and verify site levels according to plans and specifications using levelling instrument and record site readings according to policies and procedures
- I check, clean, maintain, store and secure tools and equipment and report any faults

### 1.01(c) AHCLSC312 Construct brick and block structures and features

This unit of competency describes the skills and knowledge required to construct brick structures and features or block structures and features, or both as a component of landscape project works, including preparing for work, setting out and preparing site, constructing structure or feature, checking and cleaning up site. The unit applies to individuals who construct brick and block structures and features under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services and establishing profiles
- I construct structures and features according to plans and specifications, including appropriate mortar, bonding and damp proofing as required
- I complete work according to site plans and specifications, including finishes, waterproofing and drainage
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### 1.01(d) AHCLSC313 Construct stone structures and features, and install stone cladding

This unit of competency covers the skills and knowledge required to construct stone structures and features, and installing stone cladding as a component of landscape project works, including preparing for work, setting out and preparing site, preparing stone for installation, constructing structure or feature, installing stone cladding, checking quality of the work and site clean-up. The unit applies to individuals who construct stone structures and features under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, carrying out excavations, installing drainage system components and preparing footings according to plans and specifications
- I prepare stone for installation, cutting and shaping stone according to specifications
- I install stone cladding according to plans and specifications, including appropriate mortar, admixes and finishing as required
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### 1.01(e) AHCLSC316 Implement a paving project

This unit of competency describes the skills and knowledge required to install and construct a paved surface, including preparing for paving project, setting out and preparing site, implementing the paving project, installing stone paving, checking and cleaning up site. The unit applies to individuals who construct paving under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, carrying out excavations, marking out paving pattern and place and compact sub-base
- I construct paving according to plans and specifications and WHS requirements, install appropriate drainage
- I install stone paving according to plans and specifications, including setting out, excavating to shape and dimensions, base materials and fitting stone and edge constraints
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### 1.01(f) AHCLSC317 Construct landscape features using concrete

This unit of competency describes the skills and knowledge required to construct concrete structures and features as a component of landscape project works, including preparing for work, setting out and preparing site, mixing pouring and finishing concrete, checking and cleaning up site. The unit applies to individuals who construct landscape features using concrete under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, carrying out excavations, installing formwork and place and compact sub-base and complete preparation according to site plans and specifications
- I mix and pour concrete, screed and finish according to site plans and specifications
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### 1.01(g) AHCLSC319 Implement a retaining wall project

This unit of competency describes the skills and knowledge required to install and construct a retaining wall, including preparing for work, marking out and constructing retaining wall, and checking and cleaning up site. The unit applies to individuals who implement a retaining wall project under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, marking out position of retaining wall, establish survey benchmarks and profiles according to site plans and specifications
- I construct retaining wall and install appropriate drainage according to site plans and specifications
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### 1.01(h) AHCPM306 Provide information on plants and their culture

This unit of competency describes the skills and knowledge required to identify client issues or requirements, identify the preferred solution, and provide information and solutions to clients. The unit applies to individuals who provide information on plants and their culture under broad direction, and take responsibility for their own work.

#### Tasks

- I identify client issues or requirements through effective communication techniques, clarifying and defining the issues and I seek assistance from appropriate personnel where required
- I identify and develop recommendations and strategies using in-house and other reference material and determine optimal solutions
- I provide information and solutions to client, explaining cultural requirements and provide clarification as required

### 1.01(i) AHCPGD307 Implement a plant establishment program

This unit of competency describes the skills and knowledge required to establish planting areas, including preparing, implementing, reviewing and completing plant establishment work, in new projects and in programs of extensive replacement and renovation works across a range of situations and environments. The unit applies to individuals who implement a plant establishment program under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare to establish a planting area, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades

- I prepare the planting area, locating services, preparing planting site, select additives and mark out position of plants according to site plans and specifications
- I undertake planting operations, inspect, trim and treat plants as required and space, plant and water as required.
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### **1.01(j) AHCSOL304 Implement soil improvements for garden and turf areas**

This unit of competency describes the skills and knowledge required to collect and test soil samples for their physical and chemical characteristics and take corrective action to improve the soil for garden beds and turf areas. The unit applies to individuals who carry out soil improvements under general direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.

#### **Tasks**

- I prepare and collect soil samples for testing using appropriate testing methods and associated tools and equipment, packing and labelling according to procedures
- I conduct soil tests to determine physical characteristics of sample, assess suitability of soil for suitability and prepare a soil improvement plan to improve characteristics as required
- I conduct soil tests to determine chemical characteristics of sample, assess suitability of soil for suitability and update soil improvement plan to improve characteristics as required
- I implement soil improvement plan adjusting soil levels ready for planting and record and report work according to procedures

## **1.02 ELECTIVE UNITS**

### **1.02(a) AHCWHS301 Contribute to work health and safety processes**

This unit of competency describes the skills and knowledge required to carry out enterprise work health and safety policies and procedures. This unit is applicable to individuals. They typically work within clear reporting lines and procedures. All work must be carried out to comply with workplace procedures and work health and safety and other relevant legislation and codes. This unit applies to individuals who actively participate in the workplace safety system and work under broad direction and take responsibility for their own work. They work in a range of known contexts and complete routine activities.

#### **Tasks**

- I apply WHS policies and procedures in accordance with legislation, codes of practice and national standards, including emergency procedures
- I assist in workplace hazard identification and risk control, including communicating and explaining WHS information and undertaking or providing safety training where required
- I observe safe practices during work operations, apply PPE, identify hazards including noise, hazardous substances, manual handling and related to machinery and equipment and implement risk controls
- I participate actively and regularly in arrangements for maintain the health and safety of all people in the workplace, including making suggestions for improvements

### 1.02(b) AHCLSC320 Install water features

This unit of competency describes the skills and knowledge required to install water features, including preparing for work, setting out and preparing site, installing water feature and accessories, checking and cleaning up site. Water features may include waterfalls, ponds, waterways and fountains. They may be prefabricated as supplied by irrigation suppliers and garden centres or formed on site. The unit applies to individuals who install water features under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, marking out. carrying out excavations, drainage, place and compact bedding materials
- I install water feature and accessories according to plans and specifications, filling and testing for leaks and treating water as required
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### 1.02(c) AHCBUS407 Cost a project

This unit of competency describes the skills and knowledge required to cost a project, including establishing and documenting costs for materials, resources, services, consultants and contractors. This unit applies to supervisors and managers who establish and oversee projects to the best financial advantage of the enterprise. In this role, individuals take responsibility for their own work and provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

#### Tasks

- I identify resources required for a project based on project requirements, evaluate availability and costs and use appropriate tools for calculating and documenting requirements
- I calculate unit and total cost for each individual item, document, assess value for money and adjust according to project requirements
- I calculate and record resource costs and total project costs and submit for approval according to procedures

### 1.02(d) AHCLSC318 Erect timber structures and features

This unit of competency describes the skills and knowledge required to erect timber structures and features as a component of landscape project works, including preparing for work, setting out and preparing site, preparing and cutting timber components, assembling and erecting structure, checking and cleaning up site. The unit applies to individuals who erect timber structures and features under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### Tasks

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation



- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, marking out. carrying out excavations, and preparing footings according to site plans and drawings
- I prepare and cut timber components to length and to specifications ready for assembly
- I assemble and erect structures, fixing and bracing components, applying treatments and finishing according to plans and specifications
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults.

### **1.02(e) AHCLSC321 Install metal structures and features**

This unit of competency describes the skills and knowledge required to install metal structures and features as a component of landscape project works, including preparing for work, setting out site, preparing and cutting metal components, assembling and erecting structure, checking and cleaning up site. The unit applies to individuals who install metal structures and features under broad direction, and take responsibility for their own work and for the quality of the work of others.

#### **Tasks**

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, marking out. carrying out excavations, and preparing footings according to site plans and drawings
- I prepare and cut metal components to length and to specifications ready for joining and assembly
- I assemble and erect structures, fixing and bracing components, applying coatings and finishing according to plans and specifications
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### **1.02(f) AHCMOM304 Operate machinery and equipment**

This unit of competency describes the skills and knowledge required to prepare and operate machinery and equipment in a safe and controlled manner that is used principally in agriculture, horticulture, and conservation and land management work. This unit does not apply to chainsaws, tractors, vehicles or earth moving equipment. The unit applies to individuals who operate machinery and equipment under broad direction, and take responsibility for their own work.

#### **Tasks**

- I plan and prepare to use machinery and equipment, identifying work tasks and suitability of machinery and equipment and carry out pre-operational checks, conduct routine maintenance and report faults or damage
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace

requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades

- I operate machinery and equipment safely according to the task and according to manufacturers guidelines
- I complete shutdown of machinery and equipment and routine minor maintenance according to manufacturers guidelines
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults

### **1.02(g) AHCLSC208 Install aggregate paths**

This unit of competency describes the skills and knowledge required to install aggregate paths in landscape settings, including preparing for installation, setting out the site, ground preparation, laying aggregate surface and cleaning up site. The unit applies to individuals who install aggregate paths under general supervision with limited autonomy or accountability.

#### **Tasks**

- I plan and prepare for construction, interpret site plans and specifications, identify materials requirements, select tools and equipment and check for safe operation
- I plan all my work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements and accordingly I inspect work site, locate services, assess hazards, and apply risk controls, including PPE, required signage and barricades
- I set out and prepare the site, locating services, carrying out excavations, marking out location and place and compact base materials
- I lay surface aggregate materials according to plans and specifications and WHS requirements, install appropriate drainage
- I install stone paving according to plans and specifications, including screeding, levelling and compacting aggregate materials using appropriate machinery
- I inspect completed work for quality, clean up and check, clean, maintain, store and secure tools and equipment and report any faults