

CPCBC4014

PREPARE SIMPLE BUILDING SKETCHES AND DRAWINGS

PRACTICAL ASSESSMENT

Participant name	<i>Kandy-Lee Ashby</i>
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FOR THE PARTICIPANT
Instructions
- The tasks outlined on the following pages will require performance of normal workplace activities, as a result of a structured activity set by an Observer in the workplace or a simulated activity set by your Assessor/Observer. - The timeframe for these tasks will be established by your Assessor/Observer, in consideration of location conditions and industry requirements. - You must complete all tasks unassisted by the Assessor or other personnel, unless the steps note this assistance. - You must attempt all tasks (and itemised steps) for a 'Satisfactory' assessment outcome to be awarded. - For any observation conducted that is incomplete, or without satisfactory performance, the observation will need to be completed again after further training support.

FOR THE ASSESSOR/OBSERVER
Instructions
- The following observation record should be used to judge and record your observations of the Participant as they complete the task(s) set. You must record your observations of the Participant's performance. - For each occasion, indicate the task performed and whether it was a simulation or workplace-based task. - Any simulated assessment must ensure the Participant still performs under workplace conditions which reflect industry standards. - In the comments, provide clear detail regarding the task that the Participant was required to do (e.g. PPE used, materials handled, attachments connected, plant types). - All steps must be satisfactorily demonstrated by the Participant for a 'Satisfactory' determination (indicated by an Assessor tick to the right of each itemised step, or an Observer tick to the right of each itemised step, and confirmation by an Assessor in the Assessor Comments). - Where you have determined that one or more task steps have not been satisfactorily demonstrated, provide the Participant with additional support and outline details of such assistance in the Assessor/Observer Comments. Allow the Participant two (2) further opportunities to demonstrate the task again to allow an opportunity for a 'Satisfactory' assessment outcome to be achieved. - If after three (3) attempts the Assessor determines that the Participant cannot demonstrate the required steps, a 'Not Satisfactory' outcome is to be determined.

TASK OUTCOME					
Task	Date	Task Type (Tick)	Location	Task outcome (Tick)	
				Satisfactory	Not Satisfactory
Task 1 (Occasion 1)	15/04/24	☐ Workplace ☒ Simulation	584 Milton Road, Teaming QLD	☐	☐
Task 1 (Occasion 2)	15/04/24	☐ Workplace ☒ Simulation	584 Milton Road Teaming QLD	☐	☐

ASSESSOR COMMENTS: GENERAL

As necessary, outline:

- Details on reattempts, alternative arrangements or reasonable adjustments made.
- Where a Participant is deemed 'Not Satisfactory', provide recommendations for future training.

ASSESSOR COMMENTS: PRACTICAL TASK 1: OCCASION 1 Structural component

- ☐ Individual student (as named on cover page)
- ☐ Multiple students [☐ All from Attendance Report, ☐ Specific students involved – identify students]

Task	Provide detail
1.2B. 1.2C. 1.3B.	Specify Standard drawing conventions applied:
1.3C.	Specify form created for presentation:

ASSESSOR COMMENTS: PRACTICAL TASK 1: OCCASION 2 Non-structural component

- ☐ Individual student (as named on cover page)
- ☐ Multiple students [☐ All from Attendance Report, ☐ Specific students involved – identify students]

Task	Details
1.2B. 1.2C. 1.3A. 1.3B.	Specify Standard drawing conventions applied:
1.3C.	Specify form created for presentation:

CPCCBC4014

PREPARE SIMPLE BUILDING SKETCHES AND DRAWINGS

Practical Task 1 (2X)

Description of task:

The participant must demonstrate the skills and knowledge to produce and prepare two (2) simple sketches of different components of the fabric of a building from a set of construction plans (HO3- CSTC RTO facility plans). The sketches must be of one (1) structural component (Occasion 1- typical wall detail) and one (1) non-structural component (Occasion 2 – shower base detail). During the demonstration, the assessor will be checking for evidence of:

- Prepare to make sketches and drawings.
 - Determine the relevant information from construction plans that is required for sketching or drawing. *(Template available for use- HO2-Planning sheet)*
 - Check construction plan information against building and construction regulations, standards and codes for compliance, including safety and the environment. *(Template available for use- HO1- Compliance review)*
 - Consider the intended audience and purpose of drawings to determine appropriate presentation method. *(Template available for use- HO2-Planning sheet)*
 - Determine the most suitable format for the information and select and check availability of all materials, tools and equipment and check for serviceability before use. *(Template available for use- HO2-Planning sheet)*
- Create simple sketches and drawings.
 - Determine and record measurements, information and details required for drawing and sketches. *(Template available for use- HO2-Planning sheet)*
 - Using all the gathered information create two-dimensional and three-dimensional sketches/drawings of one structural section of a typical wall detail and one non-structural sectional drawing of the shower base detail using standard drawing convention.
 - Clearly identify and label the elements and components in the sectional drawings.
- Notate and process drawings.
 - Include all essential information to the drawings using dimension lines, symbols and abbreviations following standard drawing conventions.
 - Include drawing and job title, date, scale and sheet number in the title block.
 - Produce clear and descriptive completed drawings in an appropriate form for presentation.
 - Submit completed drawings with name and date attached to assessor as evidence.

These tasks may be simulated or real. The Participant is to gather evidence of how they have completed each component of the Practical Task, which is to be submitted with this Practical Assessment sheet. The Observer is to provide detailed comments on the tasks completed by the Participant (on the Observer Comments, overleaf). The Assessor is to verify the Observer's comments, noting their findings in the Assessor Comments (on the back of the Practical Assessment cover page) and provide the assessment outcome.

Resources required:

Construction plans and specifications; Access to current building and construction codes and standards, the NCC, workplace procedures and other quality documentation; Hand drawing materials, tools and equipment; PC, applications and software to access drawings and other relevant information.

Observer details

Name of observer:	DAVID WILLIAMS
Role of observer (Confirm suitability to sign)	PROJECT MANAGER.
Email address of observer	DAVID.WILLIAMS@HUTCHINSONBUILDERS.COM.AU
Signature of observer:	
Date:	18/04/2024

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.	
	1st Occasion	2nd Occasion
1 Prepare to make sketches and drawings.		
1.1A. Determine the relevant information from construction plans required for sketching or drawing. <i>(Template available for use- HO2-Planning sheet)</i>	☒	☒
1.1B. Check construction plan information against building and construction regulations, standards and codes for compliance, including safety and the environment. <i>(Template available for use- HO1-Compliance review)</i>	☒	☒
1.1C. Consider the intended audience and purpose of drawings to determine appropriate presentation method. <i>(Template available for use- HO2-Planning sheet)</i>	☒	☒
1.1D. Determine the most suitable format for the information and select and check availability of all materials, tools and equipment and check for serviceability before use. <i>(Template available for use- HO2-Planning sheet)</i>	☒	☒
2 Create simple sketches and drawings.		
1.2A. Determine and record measurements, information and details required for drawing and sketches. <i>(Template available for use- HO2-Planning sheet)</i>	☒	☒
1.2B. Using all the gathered information create two-dimensional and three-dimensional sketches/drawings of one structural section of <u>a typical wall detail</u> (Occasion 1) and one non-structural sectional drawing of the <u>shower base detail</u> (Occasion 2) using standard drawing convention.	☒	☒
1.2C. Clearly identify and label the elements and components in the sectional drawings.	☒	☒
3 Notate and process drawings.		
1.3A. Include all essential information to the drawings using dimension lines, symbols and abbreviations following standard drawing conventions.	☒	☒
1.3B. Include drawing and job title, date, scale and sheet number in the title block.	☒	☒
1.3C. Produce clear and descriptive completed drawings in an appropriate form for presentation.	☒	☒
1.3D. Submit completed drawings with name and date attached to assessor as evidence.	☒	☒

Observer comments:

Able to review provided construction floor plans and develop simple construction details and infer what required information is required on plan.

Able to complete all annotations and typical drawing document control requirements.

Able to review project requirements and include them on the cross sectional details.

Handout 1 - Compliance Review

Participant name	Kandy-Lee Ashby
Date	18.04.24
Building and construction project	RTO Facility
Project overview	Existing Industrial Building to be converted into a office space and parking lot. Office space to include training rooms, work spaces and staff amenities.
Building classification	☒ Class 1 – 10 buildings, max two storeys ☐ Class 2 – 9 building, Type C only constructions Specify class: Class 5 Building
Project site address	878 Beaudesert Road Coopers Plains
State/territory where project is undertaken	QLD
Construction plan documents reviewed	- Site plan - Existing site plan - Floor plan - Hydraulic drawing - Electrical drawing - Site Elevations - ceiling plan - sections - utilities and services

Building Legislation

List two (2) relevant legislations

Building legislation	Plans comply		Explanation
<i>Example: Electrical Safety Act</i>	☐ Yes	☐ No	Smoke alarm locations shown in floor plans - photoelectric (AS 3786-2014) hardwired and interconnected.
Building Act 1975	☒ Yes	☐ No	The project falls within Brisbane City Council precinct. BCC is a prescribed council under the act.
Fire and Emergency Services Act 1990	☒ Yes	☐ No	makes reference to QLD fire and emergency services (QFES). QFES provide advisory service under the act to Queensland construction projects.

Australian Standards

Provide two (2) relevant standards

Australian Standards	Plans comply		Explanation
Example: AS/NZS 3786	☐ Yes	☐ No	called up in the NCC as the required minimum for smoke alarms to comply with.
AS/NZS 1428.1	☒ Yes	☐ No	As per AS 1428.1 the building provides an accessible unisex toilet with wheelchair access.
AS 1668.1	☐ Yes	☒ No	Revises NCC 3.8.5.2 Ventilation must be provided. The PDR has no windows

and has no exhaust fans on drawings.

NCC Requirements

Fire Safety x 1

Requirements	Plans comply		Explanation
NCC 3.7.2	☒ Yes	☐ No	Hardwired photoelectric smoke alarms can connected to mains power with battery backup.

Health and amenity x 1

Requirements	Plans comply		Explanation
NCC 3.8.3.3	☒ Yes	☐ No	The door to a fully enclosed sanitary compartment must a) open outwards b) slide

c) be readily removable from the outside unless there is a clear space of at least 1.2 m. However, as this is a commercial building we are required to use

Safe movement and access x 1

Requirements	Plans comply		Explanation
NCC 3.8.4.3	☒ Yes	☐ No	Sanitary compartments, bathrooms, shower rooms, airlocks and laundries must be provided with artificial lighting if natural light in accordance with the relevant provision 3.8.4.2

a) at a rate of not less than one light fitting per 16m² of floor area or b) in accordance with AS/NZS 1680.0. However, as this is a commercial building we are required to use Vol 1.

Energy efficiency x 1

Requirements	Plans comply		Explanation
NCC Volume 2 Part 3.12.3.3	☒ Yes	☐ No	External windows and doors to be fitted with a seal. Seal to all edges including the bottom of sliding door.

However, as this is a commercial building we are required to use Volume 1.

Handout 2 - Planning Sheet

Note: create and submit two-dimensional and three-dimensional sketches/drawings of

(1) one structural section- a typical wall detail and

(2) one non-structural sectional drawing - shower base detail using standard drawing convention to be included in the drawings for HO3 – CSTC RTO facility plans.

Participant name	Kandy-Lee Ashby
Date	18.04.24

Building and construction project	RTO Facility
Project overview	Existing Industrial Building to be converted into a office space and parking lot. Office space to include training rooms, work spaces and staff amenities.
Building classification	☒ Class 1 – 10 buildings, max two storeys ☐ Class 2 – 9 building, Type C only constructions Specify class: <u>Class 5 Building</u>
Project site address	878 Beaudesert Road Coopers Plains
State/territory where project is undertaken	QLD
Construction plan documents used	Site Elevations - plumbing plan. - ceiling plan - Floor plan

Structural component

Component	Typical wall detail
Purpose	Construction detail
Presentation	2D cross section of wall.
Audience	Builder Trades/subcontractors

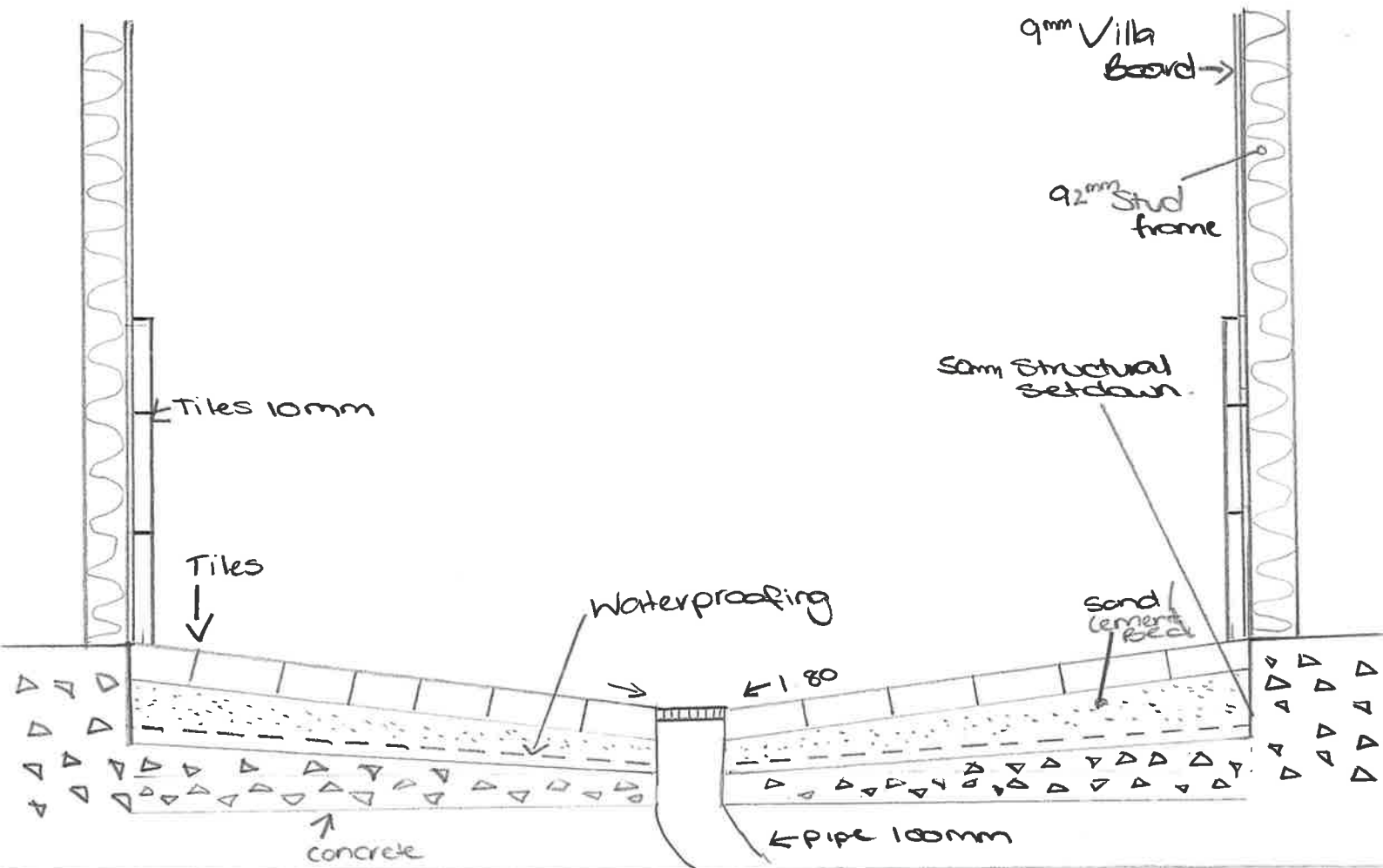
Information needed from construction plans required for the drawing	- Wall finishes - measurements - structural layout - architectural layout
Format of information	Sketch
Equipment to be used in producing the drawing	- pencil - grid paper - scale ruler Tools/equipment have been inspected for serviceability ☒ Yes ☐ No

Non-structural component

Component	Shower Base detail
Purpose	Construction detail
Presentation	2D cross section of Shower base.
Audience	Builder Trades / subcontractors
Information needed from construction plans required for the drawing	- Shower layout - compliance requirements (AS 1428 - i)
Format of information	Sketch
Equipment to be used in producing the drawing	- pencil - grid paper - scale ruler Tools/equipment have been inspected for serviceability ☒ Yes ☐ No

Project: _____

Date: _____



Project Name:
 RTO Facility
 Address:
 878 Beaudesert Road N/A
 Coopers Plains
 Project Number:
 CU-0204

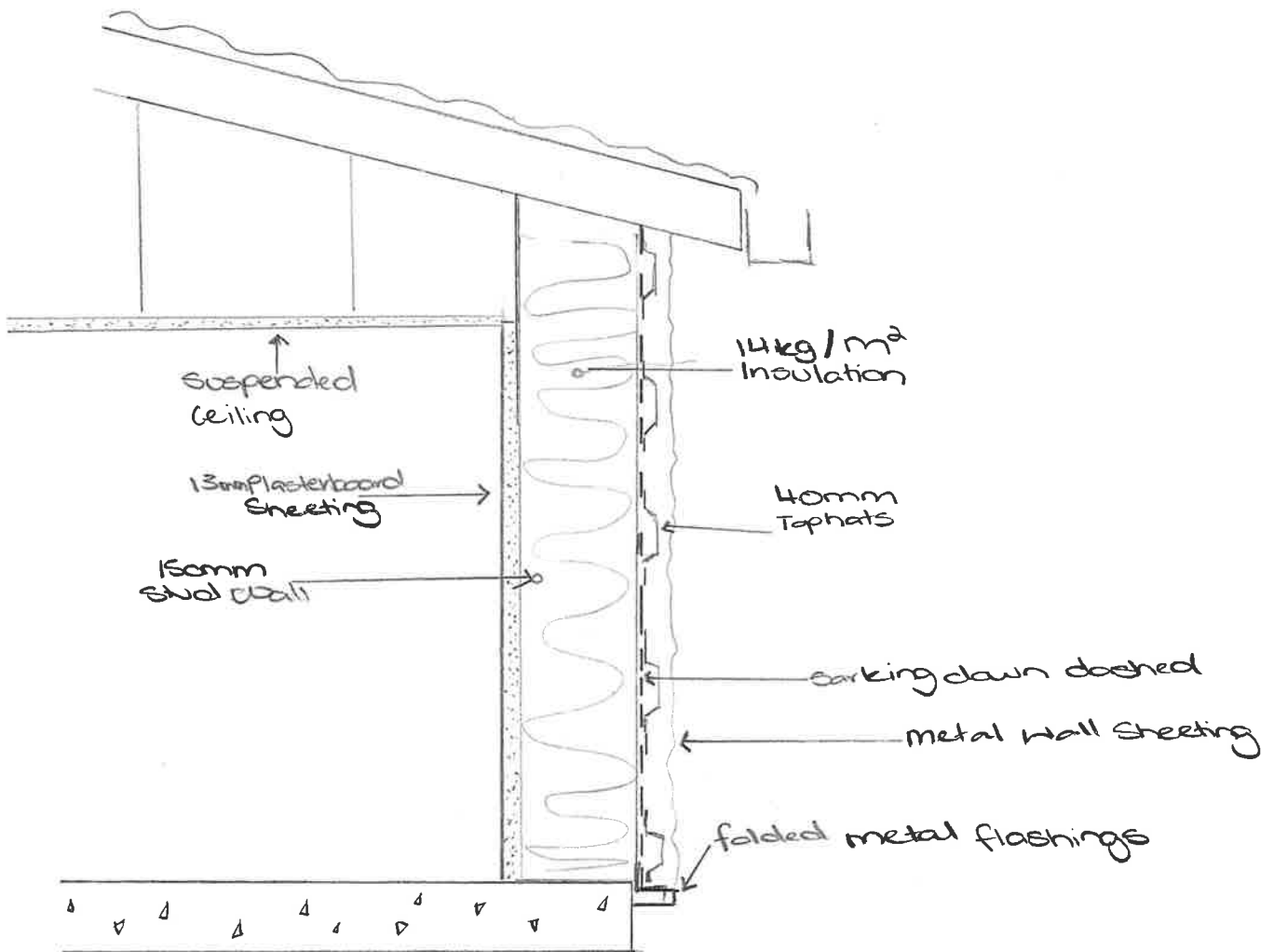
Drawing Title:
 Shower Base detail
 Scale:
 Client:
 Grolife

Rev Description Date
 A Draft 18.04.24

Drawn by:
 Kandy-lee Ashby


Project: _____

Date: _____



Project Name:

RTO Facility

Address:

878 Beau-desert Road

Coopers Plains

Project Number:

QU-0204

Drawing Title:

Typical Wall detail

Scale:

NA

Client:

Gro-life

Rev Description Date

A Draft

18/04/24

Drawn by:

Kandy-lee Ashby

[Signature]