

CPCBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

ASSESSMENT SUMMARY

The assessment activities for *CPCBC4012B Read and interpret plans and specifications* cover all aspects of the unit of competency required. To demonstrate competence in this unit, a participant must undertake all tasks and complete them satisfactorily and consistently. For Apprentices and Trainees, this includes employer completion of the Employer Record Book (ERB).

Participants must read all the information given before starting any assessment task. The assessment tasks are intended to be equitable, fair and flexible. If a participant has any questions or requires alternative arrangements to be made such requests should be directed to their Trainer/Assessor, who should note such arrangements in the 'Assessor Comments' on the affected assessment. If a participant feels they are not yet ready to be assessed, they should discuss their options with their Trainer/Assessor.

To satisfactorily complete the assessment, the participant is required to answer all questions correctly and demonstrate their skills to industry standards. If a participant does not answer some questions or perform some tasks, they will be deemed 'Not Satisfactory' for the task and 'Not Yet Competent' for the unit of competency. The Trainer/Assessor is able to provide the participant with additional information on interpreting the assessment outcomes and provide guidance on the participant's options. Should a participant still be deemed 'Not Satisfactory' they will have the opportunity to undertake a supplementary assessment or appeal the result.

By signing the cover page for each assessment item, the participant acknowledges they understand the assessment instructions and requirements and consent to being assessed. The participant also verifies and assures the RTO that the work submitted is their own work.

Participant Name	Lorna Mernici
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Task	Assessment Results	
Theory Exam	☐ Satisfactory	☐ Not Yet Satisfactory
Practical Assessment	☐ Satisfactory	☐ Not Yet Satisfactory
Outcome for Unit of Competency	☐ Competent	☐ Not Yet Competent

Assessor Name	
Assessor Signature	
Unit Competence Determination Date	Click here to enter a date.

CPCCBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

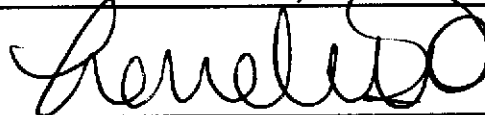
THEORY EXAM INSTRUCTIONS

- This exam will occur under standard assessment conditions.
 - An oral examination may be allowed under certain circumstances, whereby the Participant's answers will be documented by a party other than the Participant. This must be acknowledged in writing (e.g. FT001 and Assessor Comments)
- Participants must provide enough detail in their responses to demonstrate their knowledge and skills.
- Please fill in the details below, providing your name, signature and date of assessment.
 - Your signature acknowledges that this is your own work.
- Assessors are to complete marking in pen of a different colour to the Participant.
- If a Participant initially answers a question incorrectly but modifies their response, they must follow the instructions below:
 - If a Participant changes their response in writing, they must put their initials next to the written change.
 - If a Participant changes their response verbally, this must be noted on the exam paper by the assessor.

Participant name

Lorna Merrica

Participant signature



Date

Click here to enter a date.

27-4-2021

Assessor name

Assessor signature

Date

Click here to enter a date.

Number of questions	Number of questions answered correctly	Task outcome (Tick)	
		Satisfactory	Not Yet Satisfactory
87		☐	☐

ASSESSOR COMMENTS

Q1. Plans and specifications are used to inform which of the following processes? Tick all that apply.

Choice	Possible Answers
☒	Building contracts
☒	Development applications
☒	Estimation
☒	Planning
☒	Supervisory tasks
☒	Tenders

Q2. Which compass direction is always shown on plans and drawings?

Answer

Q3. What information is provided on a location plan?

Answer

Q4. What detail does a site or block plan contain?

Answer

Q5. What do floor plans identify?

Answer

Floor plans identify details of the proposed structure, such as room, positions of fixtures, floor coverings



Q6. What is a landscape plan and what information might it provide?

Answer

landscape plan shows details of plants, paths, garden layouts and retaining walls.



Q7. What are elevation views? What do they provide to the plan reader?

Answer

Elevation views is each side of the proposed structure. They provide the plan reader a height from the ground to the floor, the height between the floor and the ceiling and how the roofs to be constructed.



Q8. What is a section?

Answer

The Section is a view of the house after it has been cut vertically at some point.



Q9. What are detailed drawings?

Answer

Where a change is a change to the building project the design drawings will need to be amended to show the change made, as an up to date set of drawings is required to be lodged with any construction submission.



Q10. What are specifications?

Answer

Specifications are details that support drawings & plan, providing details of the materials & techniques to be used details of fixtures & fittings & standards to be observed.



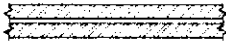
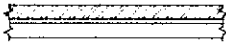
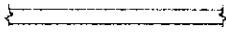
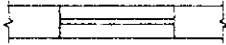
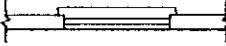
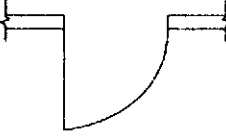
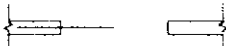
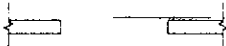
Q11. Explain the meaning of the abbreviations in the table below.

Answer

Abbreviation	Meaning
ACRYL	Acrylic
AS	Australian Standard.
ASSD	Assumed Datum
B	Basin
BN	Ball nose
BTH	Bath
BWK	Brick work.
CB	Concrete block.
CF	concrete floor
CG	clear glass
CJ	Ceiling joist
CORR	Corrugated.
CWT	Cold Water Tank.
DG	Double glazing
DH	Double Hung.
DPC	Damp Proof Course
DSB	Distribn switch Board.
DW	Dishwasher.
EJ	Expansion Joint
FPBD	Fibrous Plaster Board
FFL	finished floor level.
FHR	fire Hose reel.
GPO	General Purpose outlet.
HBD	Hard board.
HTR	Heater.
HWD	Hardwood.

Q12. Name each of the drawing symbol images shown in the table below.

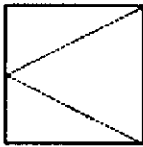
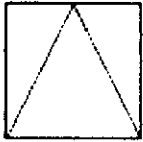
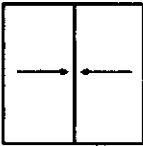
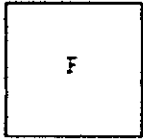
Answer

Name	Image
Wall - cavity brick	
Wall - brick veneer	
Wall - Timber stud.	
window - in cavity wall	
window - in single wall	
Single leaves opening 90°	
Two leaves each opening 90°	
Door - Sliding into pocket.	
Door - Sliding exposed on wall	
SOCK outlet (power). general.	



Q13. Identify what the following window symbols represent on elevations.

Answer

Item	Drawing
Hinged at side	
Hinged at top	
Sliding horizontally	
Fixed	



Q14. What does a clouded area on a plan indicate?



Answer

revisions or amendments



**Q15. An amendment to specifications could relate to which of the following?
Tick all that apply.**

Answer

Choice	Possible Answers
☐	Contact details of all construction crew members
☒	Materials or products used
☒	Methods of carrying out specified work



Refer to the title block below to respond to Q16. to Q18.

Site address LOT 437 SOUTH ST MARYVILLE WA	
Client JM & KL JOHNSON	
Project # 2012/15	Project name JOHNSON RESIDENCE
Builder HOTSHOT HOMES	
Drawn by MW	Date July 2011
AMENDMENTS 5.10.2011 Window added to study 8.11.2011 Bed 3 robe deleted	
Title FLOOR PLAN	Scale 1:100
Drawing # 3 OF 7	

Source: http://www.dtwd.wa.gov.au/sites/default/files/teachingproducts/BC1934_CCBY_PDF

Q16. On what date was an amendment made to the window details?

Answer ☐

Q17. True or False (Tick your response): Details of the window in Q16. should also be reflected in the specifications and confirmed with the client.

Answer

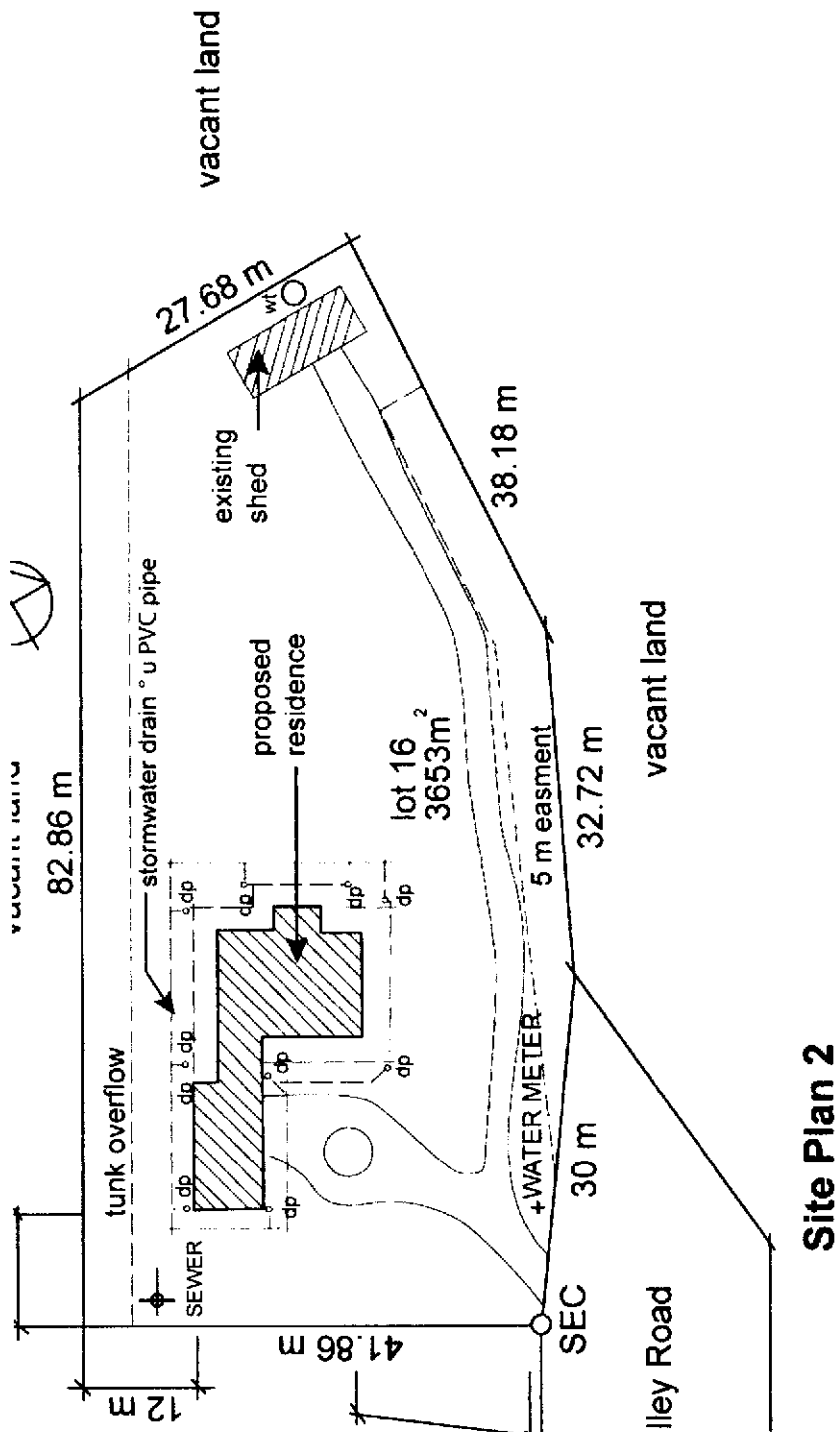
☒	True
☐	False

☐

Q18. What amendment occurred on 08/11/2011?

Answer ☐

Refer to the site plan below to respond to Q19. to Q26.



Clients : H&M Smith Lot 16 Glenvalley Road Richmond	North 	drawn : DJA		REVISIONS		Joe Foreman Ph: 03 9514 2311 Mob: 0413 113 113 18 Fairview Road, Richmond 3216	
		date : 11/10/07		NO	DATE		BY
		scale : 1 : 500					
		drg no : WD 9733					
		sheet 6 of 7					

Q19. What structure is being built on this site? Tick your response.

Answer

Choice	Possible Answers
☒	Residence
☐	Road
☐	Shed
☐	Water meter

☐

Q20. What is the Lot number of this site?

Answer

☐

Q21. What is the size of this lot?

Answer

☐

Q22. Is the shed at the north-east of the proposed structure to be removed or retained? Tick your response.

Answer

Choice	Possible Answers
☐	Removed
☒	Retained

☐

Q23. True or False (Tick your response): The sewer is at the eastern boundary of the property.

Answer

☐	True
☒	False

☐

Q24. True or False (Tick your response): The driveway is located to the south of the proposed property.

Answer

☒	True
☐	False

☐

Q25. What size is the easement on the eastern boundary of the site?

Answer

5m



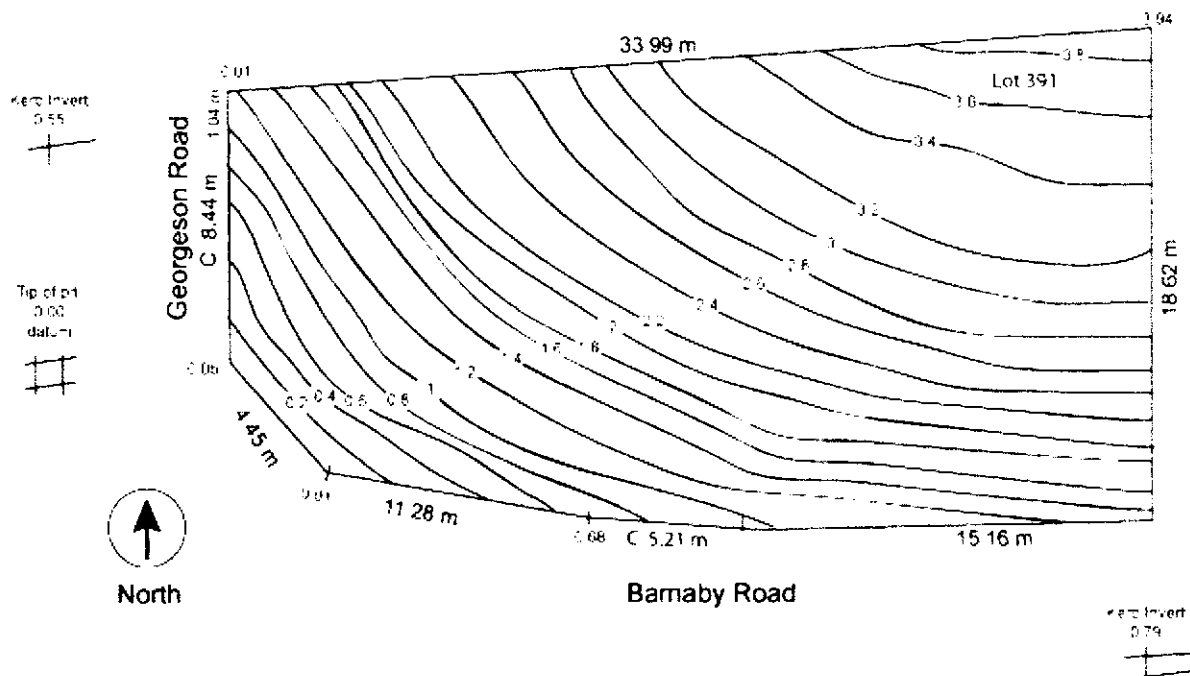
Q26. True or False (Tick your response): The stormwater drain is constructed from PVC pipe.

Answer

☒	True
☐	False



Refer to the contour plan below to respond to Q27. to Q28.



Q27. What is the level at the northernmost point of the site?

Answer

3.94



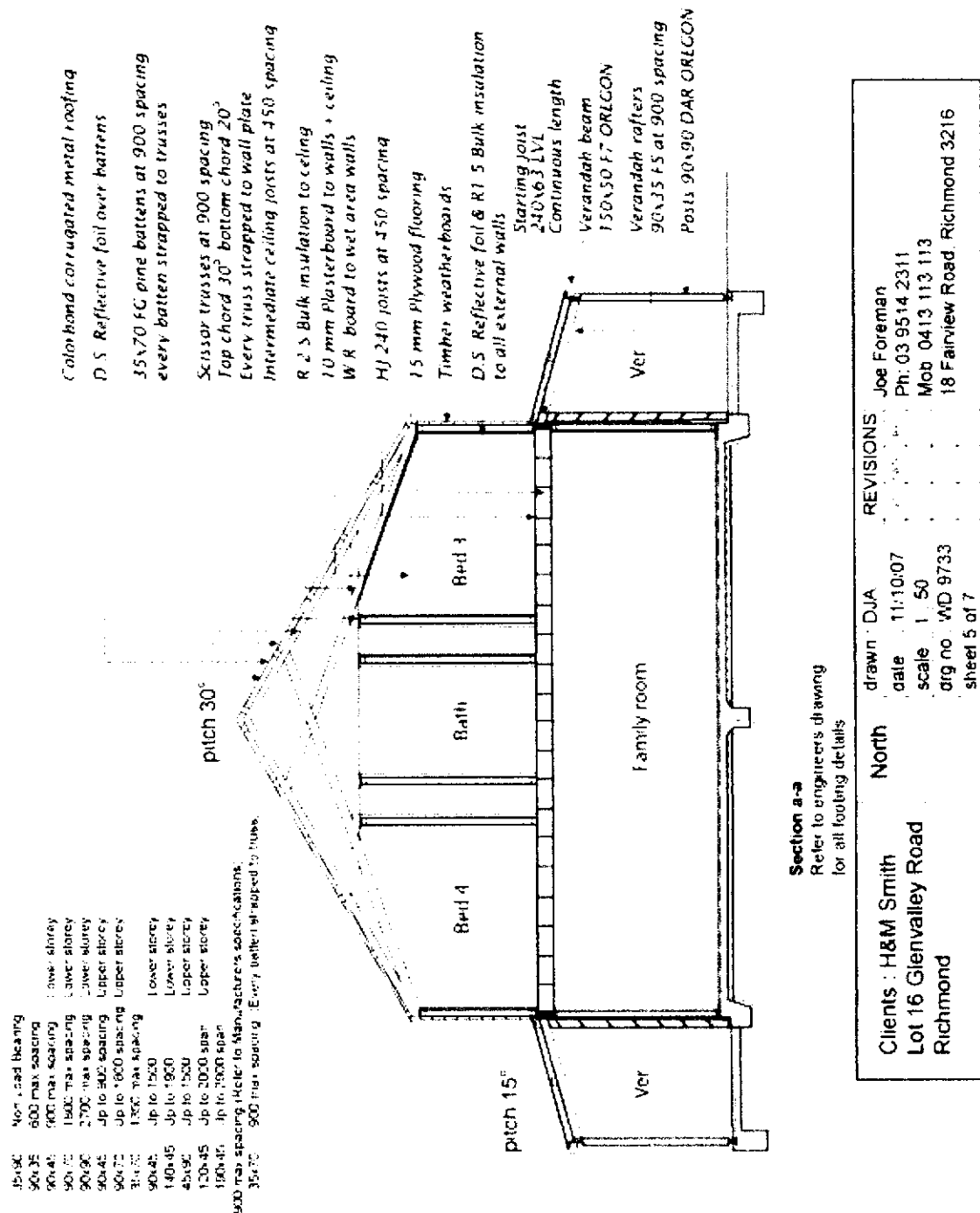
Q28. Which end of the site has the lowest level? Tick your response.

Answer

Choice	Possible Answers
☐	East
☒	West



Refer to the sectional drawing below to respond to Q29. to Q49.



Q29. Give a brief description about the building from the detail available in the sectional drawing. Is it the same structure proposed in Q19. to Q26. ?

Answer

~~Cross section~~
This drawing is a ~~Shared~~ drawing.
For the building, the Plan in Q19 & Q26
is the same structure just a site
Plan.
Both are of Lot 16.

☐

Q30. Who is the client?

Answer

H&M Smith

☐

Q31. Where is this project to be built?

Answer

Lot 16 Glenvalley Road, Richmond,

☐

Q32. What are the contact details for the draftsman?

Answer

Joe forman

Ph = 03 9514 2311

Mob = 0413113 113

18, Fairview Road, Richmond 3216.

☐

Q33. What sheet number is this drawing?

Answer

Sof 7

☐

Q34. What timber is required for loading and non-load bearing walls?

Answer

35x90.

☐

Q35. What spacing is recommended for common studs?

Answer ☐

Q36. What type of roof truss is to be installed?

Answer ☐

Q37. What centres are the trusses positioned at?

Answer ☐

Q38. What size are the veranda posts?

Answer ☐

Q39. What timber species are the veranda posts to come from?

Answer ☐

Q40. What pitch is the roof?

Answer ☐

Q41. What size are the noggings and at what spacing?

Answer ☐

Q42. What size are the ceiling joists?

Answer ☐

Q43. What timber is used for roof battens and what spacing?

Answer ☐

Q44. What thickness is the plasterboard sheeting?

Answer ☐

Q45. What type of flooring is to be installed?

Answer ☐

Q46. What is the roof cladding material?

Answer ☐

Q47. Where will you find information about the footings?

Answer ☐

Q48. What do the letters 'DAR' refer when timber ordering?

Answer ☐

Q49. Explain what '240 x 63 LVL' refers to on the sectional drawing. What do the letters 'LVL' refer to?

Answer ☐