

CPCCBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

ASSESSMENT SUMMARY

The assessment activities for *CPCCBC4012B 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.

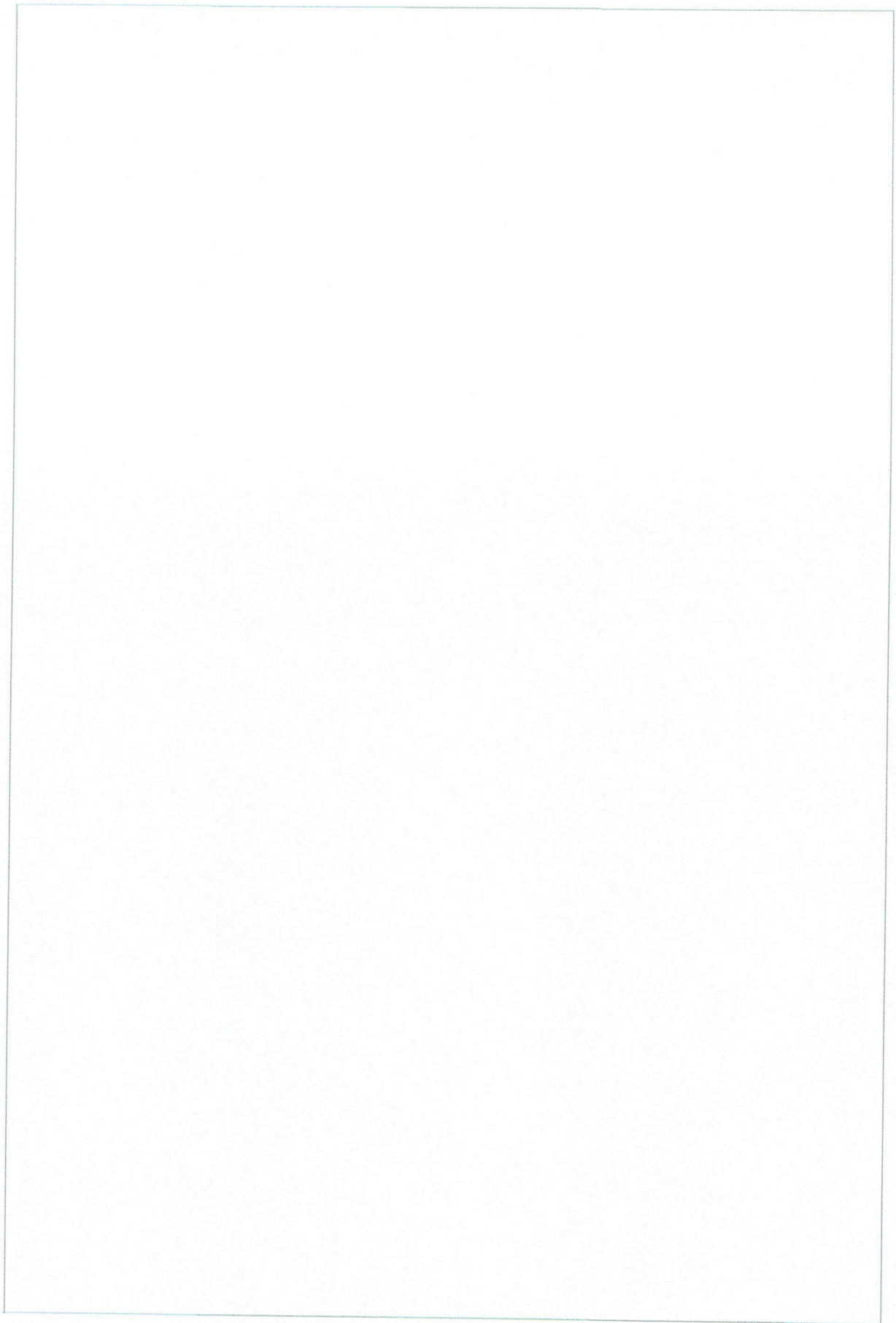
Participant Name	Gordon Pirret
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Task	Assessment Results	
Theory Exam	☐ Satisfactory	☐ Not Yet Satisfactory
Practical Assessment	☐ Satisfactory	☐ Not Yet Satisfactory
Outcome for Unit of Competency	☐ Competent	☐ Not Yet Competent

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

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

ASSESSOR COMMENTS



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

Answer

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

☐

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

Answer North

☐

3. What information is provided on a location plan?

Answer A location plan shows a site on a particular street

A location plan details the;

- lot number/s
- deposit plan numbers
- north point
- scale(usually 1:5000)

☐

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

Answer A site or block plan provides specific detail of the block on which a development is proposed. ☐

A site or block plan is usually drawn at 1:500 and gives the following information;

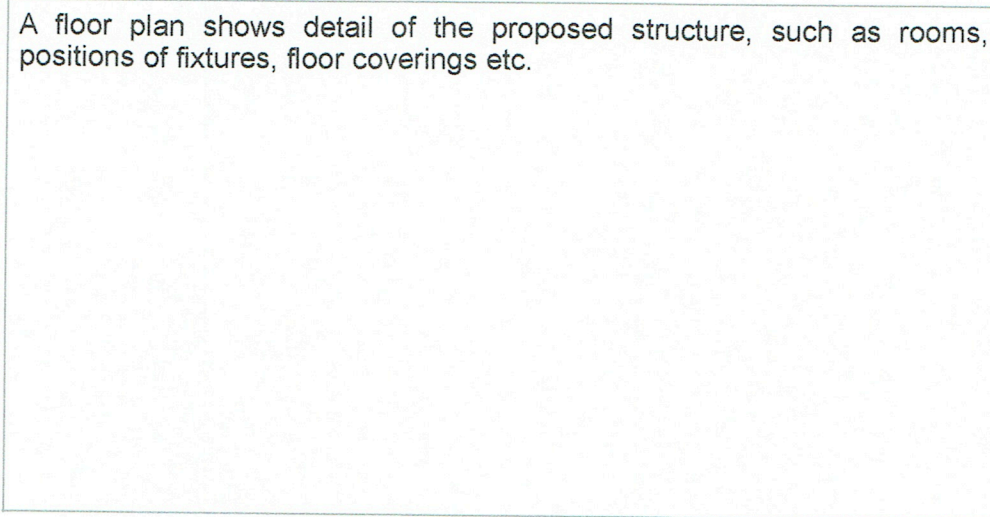
- A datum - reference height to the site level.
- Building location and orientation to north point.

A site or block plan usually gives the following information;

- Outline of site boundaries showing location of proposed building and existing dwellings
- Street frontage names
- Major geological and topographical features
- Datum Points, contours and slopes
- Driveways, storm water drainage, easements and right of carriage
- Soil and surface water drains, pipe sizes
- Service runs from the house to the mains - utility services location(sewer, water, gas, electricity)
- Details of paving and retaining walls.

5. What do floor plans identify?

Answer A floor plan shows detail of the proposed structure, such as rooms, positions of fixtures, floor coverings etc. ☐



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

Answer A landscape plan show details of plants, paths, garden layouts and retaining walls etc. ☐

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

Answer Elevation views are a view of the proposed structure from it's side(i.e. from north, south, east or west) ☐

Each side is what is called an elevation view

These show the materials to be utilised with regards to the house being constructed(e.g. Tiles/Tin for roof, aluminium/timber doors/windows, brick/render finish etc)

8. What is a section?

Answer (In most cases elevation and plan views cannot show sufficient information to enable a builder or tradesman to see how various structural parts are to be built or assembled) ☐

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

Like the floor plan it shows the size and thickness of structural members and relationships between spaces.

9. What are detailed drawings?

Answer Construction/Detailed drawings is a means of showing in a graphical form the shape, size and materials used and the way the building is to be constructed or put together. ☐

Construction drawings not only include drawings produced by architects, but also;

- Structural drawings by structural engineers
- Building engineering services drawings prepared by service engineers.

10. What are specifications?

Answer Specifications are details that support drawings and plans, providing details of the materials and techniques to be used, details of fixtures and fittings, and standards to be observed. ☐

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

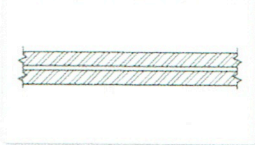
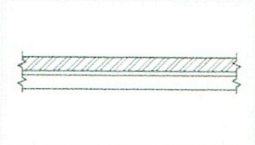
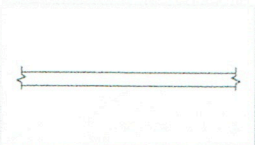
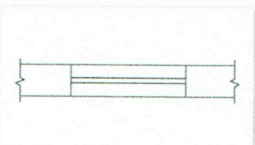
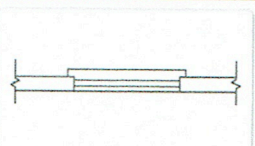
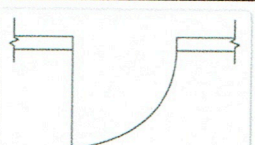
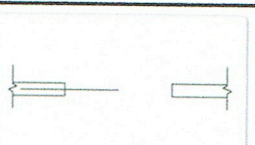
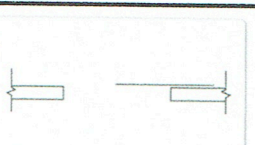
Answer

Abbreviation	Meaning
ACRYL	Acrylic
AS	Australia Standard
ASSD	Assumed Datum
B	Basin
BN	Bull Nose
BTH	Bath
BWK	Brickwork
CB	Concrete Block
CF	Concrete Floor
CG	Clear Glass
CJ	Ceiling Joist
CORR	Corrogated
CWT	Cold Water Tank
DG	Double Glazing
DH	Double Hung
DPC	Damp Proof Course
DSB	Distribution Switch Board
DW	Dishwasher
EJ	Expansion Joint
FPBD	Fibrous Plaster Board
FFL	Finished Floor Level
FHR	Fire Hose Reel
GPO	General Purpose Outlet
HBD	Hardboard
HTR	Heater
HWD	Hardwood



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

Answer

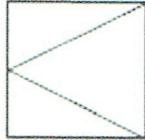
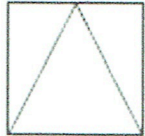
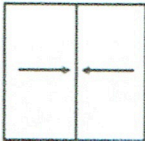
Name	Image
Wall Cavity - Brick	
Wall Cavity - Brick Veneer	
Wall - Timber stud	
Window - in cavity wall	
Window - in single wall	
Door - Swing single	
Door - Swing Double	
Door - sliding into pocket	
Door - sliding exposed on wall	



Socket Outlet - (power) general	
------------------------------------	--

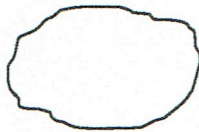
13. Identify what the following window symbols represent on elevations.

Answer

Item	Drawing
Window Hinged at Side	
Window Hinged at Top	
Window Sliding Horizontally	
Window Fixed	



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



Answer

On plans, revisions or amendments are represented by a clouded area.



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

Answer

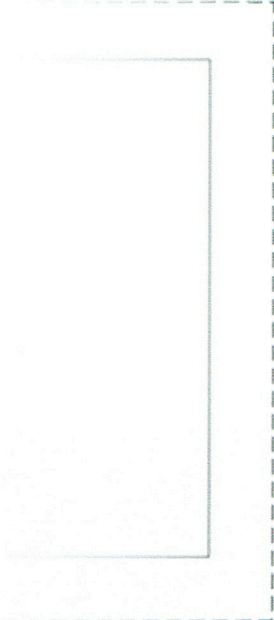
Choice	Possible Answers
☐	Contact details of all construction crew members
☒	Materials or products used



√

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

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

Answer 5th October 2011

☐

17. 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

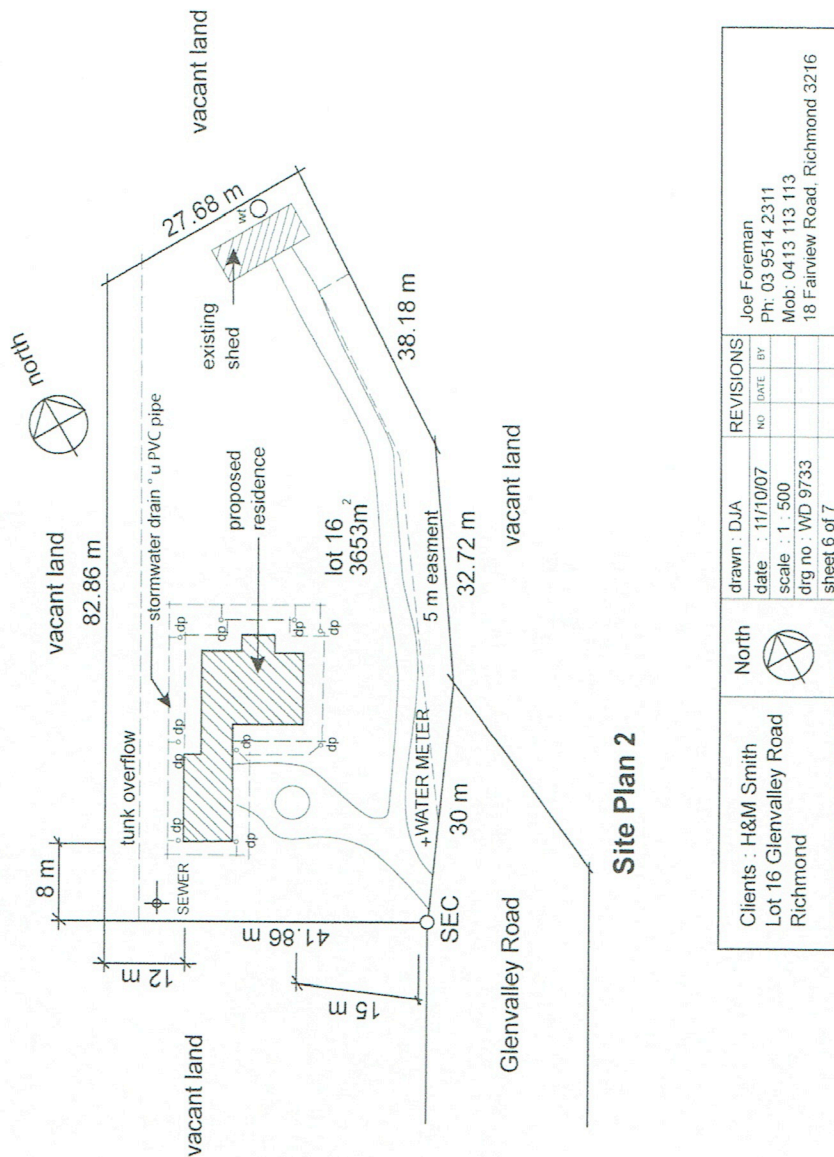
☐

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

Answer The robe in Bedroom 3 was removed(deleted)

☐

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



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

Answer

Choice	Possible Answers
☒	Residence
☐	Road
☐	Shed

☐	Water meter
--------------------------	-------------

20. What is the Lot number of this site?

Answer ☐

21. What is the size of this lot?

Answer ☐

22. 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

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

Answer ☐

☐	True
☒	False

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

Answer ☐

☒	True
☐	False

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

Answer ☐

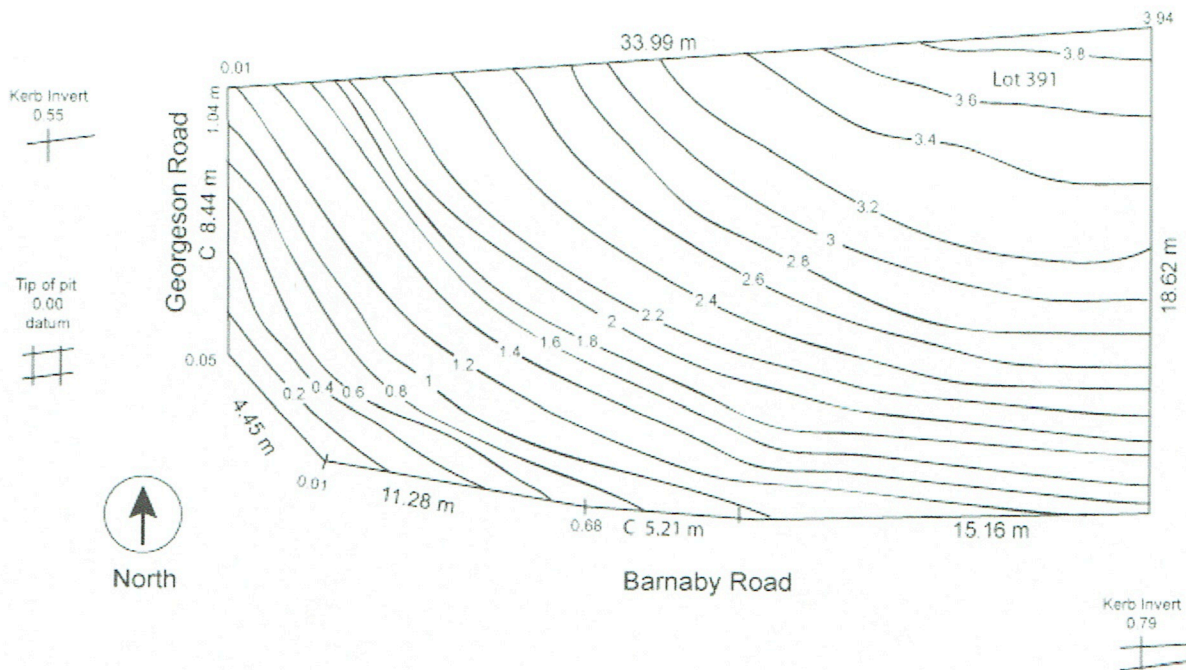
26. True or False (Tick your response): The stormwater drain is constructed from PVC pipe.

Answer

☒	True
☐	False

☐

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



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

Answer 3.94 metres

☐

28. 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.

Answer This is a double storey residential home, a veranda off each side with a complex scissor truss roof system with a 30% pitch. ☐

Yes. This is the same structure as that proposed in question 19-26.

30. Who is the client?

Answer H&M Smith ☐

31. Where is this project to be built?

Answer Lot 16 Glenvalley Road, Richmond ☐

32. What are the contact details for the draftsman?

Answer John Foreman
Ph: 03 9514 2311
Mob: 0413 113 113
18 Fairview Road, Richmond 3216 ☐

33. What sheet number is this drawing?

Answer sheet 5 of 7 ☐

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

Answer Load bearing is 45 x 90mm
Non load bearing is 35 x 90mm ☐

35. What spacing is recommended for common studs?

Answer 600 mm max

☐

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

Answer Scissor Trusses at 900 spacing

☐

37. What centres are the trusses positioned at?

Answer 900mm centres

☐

38. What size are the veranda posts?

Answer 90 x 90mm

☐

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

Answer DAR OREGON

☐

40. What pitch is the roof?

Answer 30 degrees

☐

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

Answer 35x70 1350 max spacing

☐

42. What size are the ceiling joists?

Answer ☐

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

Answer ☐

44. What thickness is the plasterboard sheeting?

Answer ☐

45. What type of flooring is to be installed?

Answer ☐

46. What is the roof cladding material?

Answer ☐

47. Where will you find information about the footings?

Answer ☐

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

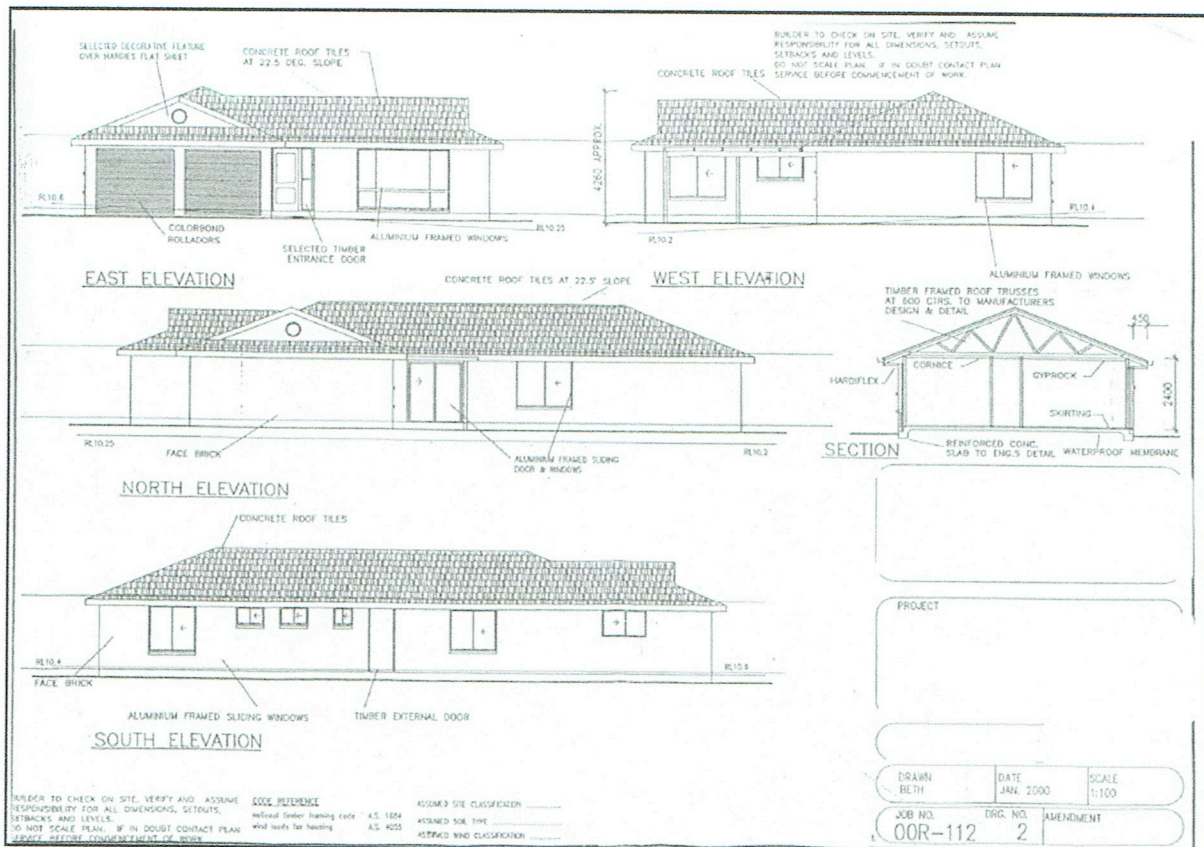
Answer ☐

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

Answer Starting Joist
240x63 length of Laminated Vaneer Lumber(LVL)



Refer to the drawing below to respond to Q50. to Q65.



50. What is the number of the drawing?

Answer 2



51. What is the Job Number?

Answer 00R-112



52. What is the scale of the drawing?

Answer 1:100

☐

53. What does the drawing show?

Answer This drawing shows Elevation views of the proposed structure from it's side(i.e. from north, south, east or west).

☐

Each side is what is called an elevation view.

These show the materials to be utilised with regards to the house being constructed(e.g. Tiles/Tin for roof, aluminium/timber doors/windows, brick/render finish etc).

54. Which view shows the front of the house?

Answer East Elevation

☐

55. How many motor vehicles can be parked in the garage?

Answer 2

☐

56. What are the window and doors made from?

Answer Aluminium Framed Windows and sliding doors
Timber Entrance and side door

☐

57. What is the size of the eaves?

Answer 450

☐

58. What are the eaves lined with?

Answer Hardiflex

☐

59. What type of roof structure is the roof built from?

Answer Concrete Roof Tiles at a 22.5 degree slope. Tiber Framed Roof Trusses at 600 centres. ☐

60. Which Part of the NCC should be read for more detail about the requirements for the roof structure in Q59.?

Answer NCC 2019
Volume 2, Part 3.5(.2) ☐

61. Which Australian Standard should be read for more detail about the roof structure in Q59. ?

Answer AS 4440-2004 Installation of nail plated timber roof trusses ☐

62. What is the roof cladding materials made from?

Answer Concrete Roof Tiles ☐

63. Which Part of the NCC should be read for more detail about the roof cladding materials in Q62. ?

Answer NCC 2019, Volume 2,
Part 3.5.2.2 ☐

64. Which Australian Standard should be read for more detail about the roof cladding materials in Q62. ?

Answer AS 2050-1995 ☐

65. What is the roof pitch?

Answer 22.5 degrees ☐

66. Identify one (1) regulatory body you may need to submit plans to for approval?

Answer Local Council



67. Briefly describe the approval process and timeframes for an approval through the regulatory body in Q66.

Answer Building approval application is submitted to the local council authority, via certifier.



Documents included;

- Certifier Building approvals form
- Signed Owners consent
- Signed Insurance Forms
- Driveway Application
- Council Plans
- Soil Test
- Slab Design Engineering
- Steel Frame Design
- Covenant Approval

All will be considered and approval should be granted generally within 14 days - although this can vary from time to time dependant on complexity of individual builds

68. What is a prime cost (PC) item? Give an example.

Answer A prime cost item is;

- An amount of money included in a contract sum to purchase a specified item such as tiles, taps, doors or bathroom fittings
- An agreed estimate amount is included at contract signing but the specific products are not selected until a later stage
- A builder must estimate the cost of such items at or above the lowest cost amount these items could reasonably cost.

An example of a prime cost item could be bathroom fixtures such as taps - The customer may choose more expensive taps, meaning that the value of these taps exceeds the amount estimated for their selection resulting in a variation to cover the excess amount.



69. What is a provisional sum (PS) item? Give an example.

Answer

A provisional Sum is;

- An amount of money included in the contract sum to cover work and materials not detailed when entering contract.
- Typically builders will include provisional sum for site works cost.
- The builder is legally required to take reasonable steps to ensure and accurate estimate for site works prior, however unforeseen circumstances may mean that the provisional sum is exceeded - this will be added to the contract sum

Ground works could commence and the builder may find that there is a large amount of stone underground, which was not apparent from the surface, resulting in the groundworks cost being exceeded.



Refer to the Bill of Quantities below to respond to Q70. to Q76.



Organized Builders Estimating Solutions

Bill Summary

Page 1 of 2

7 October 2011

Web2Stem Website Template 2 storey
Organized Builders
P.O. Box 5280 Frankston South 3199
0413 770 956

Cost Centre	Amount	
01 PRELIMINARIES	\$21,239.00	5.9%
01A Preliminary Stage	\$0.00	.0%
02 SITE PREP & DEMOLITION	\$6,010.00	1.7%
03 HIRE ITEMS	\$8,909.70	2.5%
04 SET OUT	\$1,350.00	.4%
05 POWER PROVISION	\$2,670.00	.7%
06 WATER CONNECTION	\$1,550.00	.4%
07 SEWERAGE & STORMWATER	\$9,400.00	2.6%
01 - Prelims	\$51,128.70	14%
08A Base Stage	\$0.00	.0%
08 PUMP & CRANE HIRE	\$2,070.00	.6%
09 TERMITE CONTROL	\$700.00	.2%
13 FOUNDATION PACKAGE	\$19,079.00	5.3%
17 STRUCTURAL STEEL	\$12,000.00	3.3%
02 - Base	\$33,849.00	9%
20A Frame Stage	\$0.00	.0%
20 FRAME TIMBER	\$5,127.16	1.4%
22 FLOOR TRUSSES	\$2,249.60	.6%
23 ROOF TRUSSES	\$3,360.00	.9%
24 WINDOWS ALUMINIUM	\$25,541.00	7.1%
29 FRAME CARPENTER	\$7,336.00	2.0%
03 - Frame	\$43,613.76	12%
30A Lockup Stage	\$0.00	.0%
31 METAL ROOF	\$16,538.90	4.6%
32 RENDERING	\$9,096.00	2.5%
34 BRICK SUPPLY	\$3,276.00	.9%
35 BRICK SAND	\$600.00	.2%
36 STEEL LINTELS	\$828.52	.2%
38 BRICKLAYER	\$8,460.00	2.4%
39 ELECTRICIAN	\$152.01	.0%
40 INTERCOM & SECURITY	\$1,200.00	.3%
41 PLUMBER	\$6,775.00	1.9%
42 DUCTED HEATING & COOLING	\$18,900.00	5.3%
43 INTERNAL LOCKUP MATERIALS	\$921.85	.3%
45 INTERNAL LOCKUP CARPENTER	\$2,400.00	.7%
46 WALL INSUALTION	\$3,285.50	.9%
47 EXTERNAL LOCKUP MATERIALS	\$1,938.70	.5%
48 EXTERNAL LOCKUP CARPENTER	\$11,770.00	3.3%
04 - Lockup	\$86,142.48	24%
50A Fixing Stage	\$0.00	.0%

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Organized Builders Estimating Solutions
Bill Summary

Page 2 of 2

7 October 2011

Web2Stem Website Template 2 storey
 Organized Builders
 P.O. Box 5280 Frankston South 3199
 0413 770 956

<u>Cost Centre</u>	<u>Amount</u>	
50 PLASTERER	\$12,900.00	3.6%
51 STAIRCASE & BALUSTRADE	\$7,000.00	1.9%
52 CABINET MAKER	\$22,000.00	6.1%
53 SINKS & BASINS	\$2,086.03	.6%
54 FIX MATERIALS	\$2,010.69	.6%
55 FIX CARPENTER	\$3,631.60	1.0%
56 INTERNAL TILE SUPPLY	\$6,100.00	1.7%
57 INTERNAL TILER	\$7,398.80	2.1%
58 PAINTER	\$16,075.90	4.5%
59 SHOWER SCREENS & MIRRORS	\$1,448.00	.4%
61 TOILET SUITES	\$1,500.00	.4%
05 - Fixing	\$82,151.02	23%
61A Completion Stage	\$0.00	.0%
62 KITCHEN APPLIANCES	\$2,700.00	.8%
63 HOT WATER SUPPLY	\$2,408.80	.7%
64 TAPWARE SUPPLY	\$2,745.00	.8%
67 GARAGE DOOR SUPPLY	\$1,437.84	.4%
68 HOUSE CLEANER	\$1,088.00	.3%
71 CARPET, VYNIL & FLOATING FLOORS	\$3,350.00	.9%
72 CLOTHES LINE & MAILBOX	\$700.00	.2%
73 WINDOW FURNISHINGS	\$5,000.00	1.4%
74 FENCING	\$4,665.50	1.3%
76 LANDSCAPING	\$12,000.00	3.3%
78 OFFICE FEES & COSTS	\$26,000.00	7.2%
06 - Completion	\$62,095.14	17%
Total	\$358,980.10	
Contingency Sum	1.0%	\$3,589.80
Profit & Overheads	18.0%	\$65,262.58
GST	10.0%	\$42,783.25
Total		\$470,615.73

Prices do NOT include GST

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Source: <http://organizedbuilders.com.au/sites/default/files/BOQ-Summary.pdf>

70. True or False (Tick your response): This Bill of Quantities represents a job for a two-storey house.

Answer

☒	True
☐	False

☐

71. Identify two (2) materials being used for the floors?

Answer

Carpet
Floating Floors

☐

72. True or False (Tick your response): A landscaper has been contracted for this job.

Answer

☒	True
☐	False

☐

73. How much does the contracted plasterer cost?

Answer

\$12,900.00

☐

74. How much do the kitchen appliances cost?

Answer

\$2,700.00

☐

75. What percentage of the total cost does the fixing stage represent of the building contract?

Answer

23%

☐

76. What percentage of the total cost does the completion stage represent of the building contract?

Answer 17%



Refer to the Purchase Order below to respond to Q77. to Q82.



Organized Builders Estimating Solutions

A.B.N. 36089592003

info@organizedbuilders.com.au

P.O. Box 5280 Frankston South 3199 0413 770 956

Page 1 of 2

7 October 2011

Purchase Order No Web2Stem/20

Delivery Date

Order Date 7/10/2011:

TO

TO BE ALLOCATED TO

JOB

Organized Builders
P.O. Box 5280 Frankston South 3199
0413 770 956

Supervisor
Job Type
Builder
Two Storey

Please Supply: **FRAME TIMBER**

Reference	Description	Quantity	Units	@	Amount
	Frame timber	1		\$0.00 *	\$0.00
	Ground floor walls and beams to ceiling / floor				
	Pine 90 x 35 msp10 (long lengths)	130	m	\$1.00 *	\$130.00
	Pine 90 x 45 msp10 (Long Lengths)	120	m	\$1.00 *	\$120.00
	Pine F5 90 x 45 studs 2.4 m long	100	each	\$1.00 *	\$100.00
	Studs Cut to mm				
	Pine F5 90 x 45 studs 2.7 m long	45	each	\$1.00 *	\$45.00
	Studs Cut to mm				
	Pine 90 x 45 msp10 (Long Lengths)	322.5	m	\$1.00 *	\$322.50
	studs over 2.7				
	80/3.0 25/3.3				
	90 x 45 KDHW F17	189.3	m	\$1.00 *	\$189.30
	15/5.4 1/2.7 2/9 9/3.0 22/2.4 8/3.0				
	140 X 45 KDHW F17	70.8	m	\$1.00 *	\$70.80
	13/3.6 7/2.4 4/1.8				
	240 X 45 KDHW F17	40.5	m	\$1.00 *	\$40.50
	alternate option / better to use E14 beams in lieu of F17				
	7/3.6 2/3.3 1/2.1 1/1.5 1/1.2 1/3.9				
	240 X 45 KDHW F17	22.8	m	\$1.00 *	\$22.80
	Must be H2 treated				
	2/3.6 4/3.9				
	290 x 45 F17 KDHW	71.4	m	\$1.00 *	\$71.40
	6/3.9 2/3.3 4/4.2 6/3.6 1/1.2 1/1.8				
	Sheet brace 2400 x 1200 4mm Ply	3	sheet	\$1.00 *	\$3.00
	Sheet brace 2700 x 1200 4mm Ply	6	sheet	\$1.00 *	\$6.00
	Sheet brace 3000 x 1200 4mm Ply	4	sheet	\$1.00 *	\$4.00

This Order is subject to our Standard Notes and Conditions. Authorised by:

Organized Builders

©2011 Databuild www.databuild.com.au 2 - 35 C:\Program Files (x86)\Databuild\reports\10\ortla4.pdf Scott May 09/13

Source: <http://organizedbuilders.com.au/sites/default/files/Databuild-Bill-of-Quantities.pdf>

77. How many Pine F5 90 x 45 studs (2.4m long) are required?

Answer 100

☐

78. If the material in Q77. increased in cost to \$2.75 each, what would be the total cost for this material?

Answer \$275.00

☐

79. How many sheet of ply are required in total (i.e. all sizes)?

Answer 13

☐

80. What material has the highest total cost?

Answer Pine 90 x 45 mgp10 (long lengths)

☐

81. How many metres are required of the material in Q80. ?

Answer 322.5 metres

☐

82. What beam is identified as being a better option than F17?

Answer E14

☐

Refer to the labour chart below to respond to Q83. to Q86.

LABOUR		Registered (for des tra)
BUILDING WORKS		Skilled Worker
<i>Per hour</i>		A S
17001	Asphalter (Road Construction).....	107.40
17002	Bamboo Scaffolder.....	187.20
17003	Bar Bender and Fixer.....	214.30
17004	Bricklayer.....	136.70
17005	Builder's Lift Operator.....	-
17006	Carpenter (Formwork - Building Construction).....	201.10
17007	Concrete Repairer (Spalling Concrete).....	185.60
17008	Concretor.....	194.50
17009	Construction Plant Mechanic.....	150.60
17010	Demolition Worker.....	165.60
17011	Drainlayer.....	166.00
17012	Floor Layer.....	139.20
17013	General Welder.....	152.00
17014	Glazier.....	154.80
17015	Joiner.....	139.20
17016	Leveller.....	150.20
17017	Marble Worker.....	179.80
17018	Mason.....	146.10
17019	Metal Scaffolder.....	131.00
17020	Metal Worker.....	154.70
17021	Painter and Decorator.....	127.40
17022	Painter (Texture-Spray).....	-
17023	Pipelaye.....	166.00
17024	Plant and Equipment Operator (other than cranes).....	129.60
17025	Plant and Equipment Operator (cranes generally).....	168.50
17026	Plasterer.....	154.70
17027	Plumber.....	140.20

Source: https://www.archsd.gov.hk/media/89170/sor2013_vol1_builders_works_2013_11_04.pdf

83. Based on the hourly rates given, which is the least expensive trade to contract?

Answer Asphalters(Road Construction)

☐

84. If the trade in Q83. were to be contracted for two (2) hours' work, how much would this cost?

Answer \$214.80

☐

85. Based on the hourly rates given, which is the most expensive trade to contract?

Answer Bar bender & Fixer

☐

86. If the trade in Q85. were to be contracted for six (6) hours' work, how much would this cost?

Answer \$1285.80

☐

87. Name the building legislation (Act and Regulations) that apply within your jurisdiction and should be referenced when reading plans and building contracts.

Answer Queensland Building and Construction commission act 1991
Schedule 1B, Division 3 Subsection 23
Adherence to plans and specifications.

☐

CPCBC4012B READ AND INTERPRET PLANS AND SPECIFICATIONS

PRACTICAL ASSESSMENT INSTRUCTIONS

- The following practical assessment will require the Participant to complete work related activities.
- The Assessor will conduct observations of the Participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below – providing your name, signature and date of assessment.
 - The Participant's signature acknowledges that the Assessor provided clear instructions and the Participant understood what was required to complete this assessment.
- The Assessor may substitute a Practical Task with an alternate task of equal value.
 - Alternate tasks must be fully documented by the assessor in the Assessor Comments area.

Participant name Gordon Pirret

Participant signature



Date 4th March 2020

Assessor name

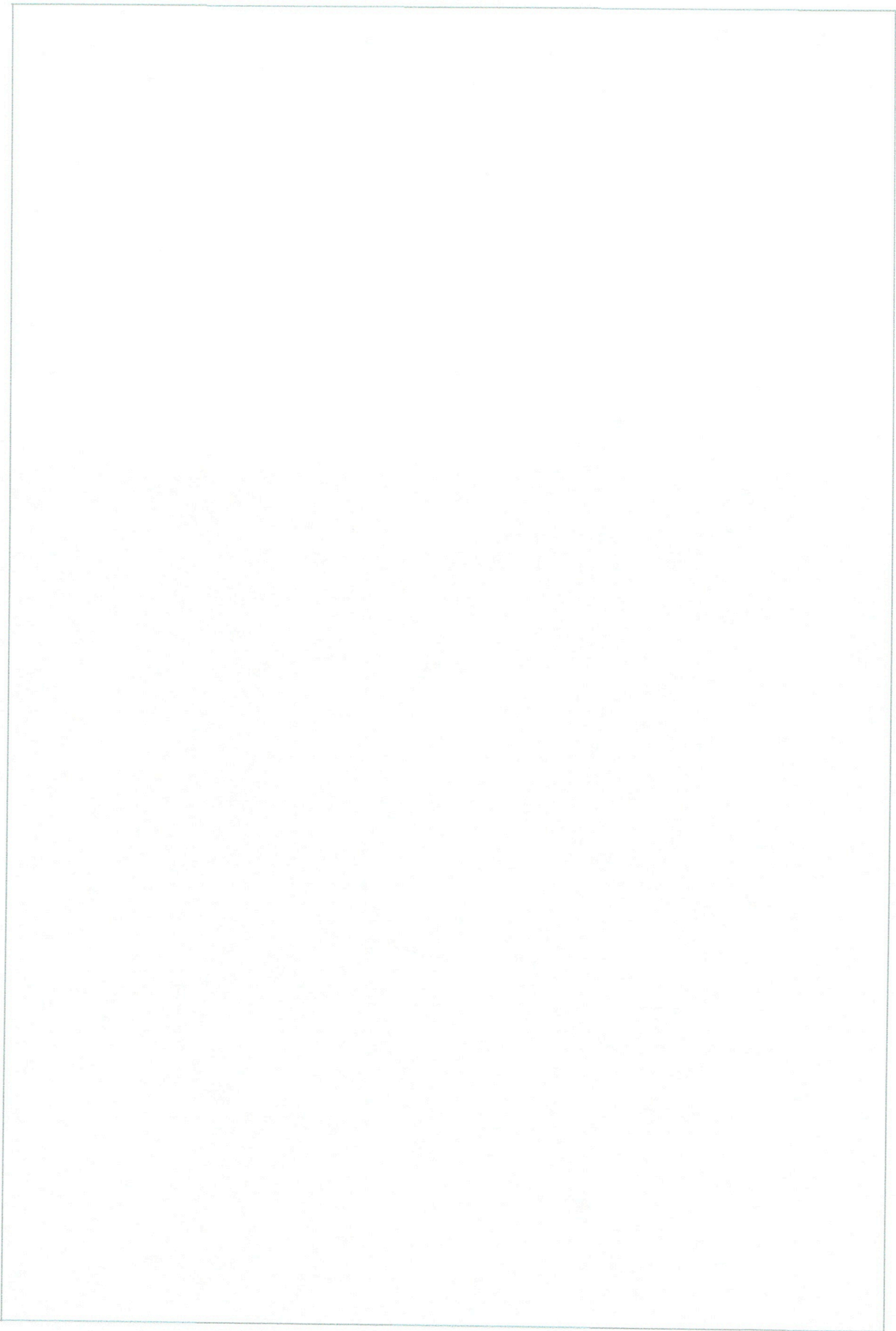
Assessor signature

Date Click here to enter a date.

Task	Task outcome (Tick)	
	Satisfactory	Not Yet Satisfactory

Task 1 (Occasion 1)	☐	☐
Task 1 (Occasion 2)	☐	☐

ASSESSOR COMMENTS



CPCBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

Practical Task 1 (2X)

Description of task:

On two (2) occasions, a suitable observer is to verify the participant's ability to read and interpret plans and specifications in order to inform estimation, planning and supervisory activities.

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. Evidence to be submitted may include:

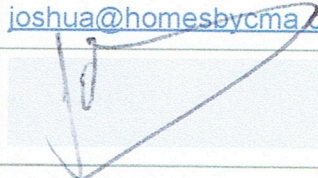
- Any drawing with a cloud or mark-up you have inserted.
- Copy of the correspondence regarding mark up and any site management/authorising engineer response.

The observer is to provide detailed comments on the tasks completed by the participant. The assessor is to verify the observer's comments in the Assessor Comments section, and provide the Practical Assessment outcome on the front cover of this document.

Resources required:

Drawings (including site plan), Specifications, Tender documentation, Telephone, Facsimile machine, Computer.

Assessment of task

Name of participant:	Gordon Pirret		
Name of observer:	Josh Reed		
Role of observer (Confirm suitability to sign)	Construction Manager		
Email address of observer	joshua@homesbycma.com.au		
Signature of observer:			
Date:	4th March 2020		
When completing the task, did the participant:	Tick if satisfactorily completed. Provide comments if left unticked.		
	1st Occasion	2nd Occasion	
1 Interpret drawings			
A. Identify purpose and advantage of different types of drawings.	✓	✓	
B. Identify different aspects of drawings.	✓	✓	
C. Identify, understand and apply: • Commonly used symbols and abbreviations • Common building and construction terms on drawings	✓	✓	
D. Identify building site from location drawings.	✓	✓	

E.	Identify on the site plan: • True north • Building orientation • Key features in relation to building and other structures • Levels • Contours • Service entry points • Site features to be removed or retained	✓	✓
F.	Identify key features of plans, elevations and sections.	✓	✓
G.	Identify client requested variations to standard plans on drawings.	✓	✓
2 Interpret specifications			
A.	Identify and correctly apply Provisional Sum (PS) and Prime Cost (PC) values.	✓	✓
B.	Identify and confirm customer variations to standard specifications and communicate changes to organisational personnel.	✓	✓
C.	Apply and communicate correct interpretations of essential elements to estimation, planning and supervisory tasks (including labour hours/ costs and material quantities/costs).	✓	✓
D.	Identify Building Codes or standards affecting the work to be undertaken (including references to Australian Standards and the National Construction Code).	✓	✓
E.	Identify key features of products included in the specification, including the design, purpose, aesthetics and cost relationships.	✓	✓
3 Communicate with others			
A.	Consult with industry professionals, clients, organisational personnel and appropriate local authorities.	✓	✓
B.	Effectively communicate using the following methods: • Verbally using language/concepts appropriate to cultural differences • Non-verbal communication • Using technology (including telephone, facsimile, email)	✓	✓
The Participant's performance was: ☒ Satisfactory ☐ Not Satisfactory			

OBSERVER COMMENTS

Gordon Comes to this role, as Construction Supervisor with a vast amount of experience beneath him. This experience spans 16 years within the construction industry on both side of the world, and in that time has worked coherently in various aspects of the building and construction industry, qualifying in 2006 as an advanced craft carpenter/joiner in the UK. He has progressed and also worked as an carpenter/electrical assistant and scaffolder in the FIFO industry for a number of years. Gordon also worked as a Quality Assessor for a Structural Framing Company prior to joining us as Construction Supervisor.

Throughout this time Gordon has been required to read various types of drawings and specifications and as such now does this with immense ease. Gordon can identify, understand, and apply commonly used symbols, abbreviations and building and construction terms on drawings.

Gordon is able to assist clients and administration staff within the business in relation to client requested variations to standards plans and specifications. Due to Gordon having a complete understanding of reading and interpreting plans and specifications, he is able to communicate correct interpretations of essential elements where required in the business and to clients. Gordon is familiar and understands Building Codes and Standards ensuring the quality of the build and flow of the build progresses within issue.

Gordon can pin point and make changes with the clients approval to plans and specifications if issues are identified, ensuring that the finished product is to code and is pleasing to the eye.