

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	Rebecca David
------------------	---------------

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 Rebecca David

Participant signature

RDavid

Date 30/05/2020

Assessor name

Assessor signature

Date [Click here to enter a date.](#)

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

CSTC Pty Ltd_RTO#0699_v1-3_02/10/2019

Q1. 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

☐

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

Answer North

☐

Q3. What information is provided on a location plan?

Answer Location plans show the site on a particular street.

☐

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

Answer Site plans detail the block on which the development is proposed. Where the development sits on the site, and general layout of driveways, roads etc.

☐

Q5. What do floor plans identify?

Answer Floor plans show what is on the floor (level) such as rooms, corridors, fixtures, fittings, floor coverings, lifts, stairwells etc.



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

Answer Landscape plans detail plants, pavements, gardens, retaining walls, locations of outdoor furniture etc.



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

Answer Elevations plans show the external structure from different views eg north, south, east and west. From these plans the reader will see window and door set outs, roof line and pitch, overall perspective of the external of the structure.



Q8. What is a section?

Answer Sections are the structure vertically cut at some point. From this view you are able to see heights between floor and ceiling, ground to floor, how and what the roof is to be constructed from as well as the thickness and size of structure members. You are also able to gauge relationships between spaces, rooms etc.



Q9. What are detailed drawings?

Answer Detailed drawings show an illustration of how a particular structure will be constructed or finished. eg how a wall will be built, what it will be made of, whether it will be a load bearing wall etc.



Q10. What are specifications?

Answer Specifications detail materials, techniques to be used, fixtures, fittings, standards, finishes, requirements the subcontractor has to provide to the builder etc. These support drawings and plans.



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

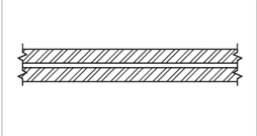
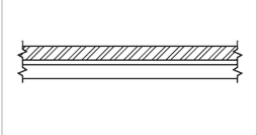
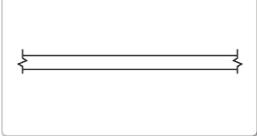
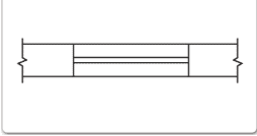
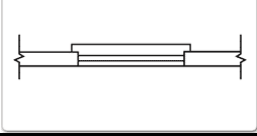
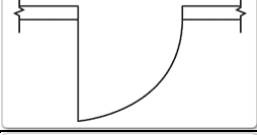
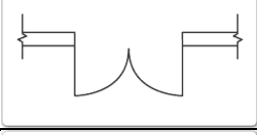
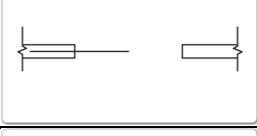
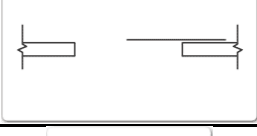
Answer

Abbreviation	Meaning
ACRYL	Acrylic
AS	Australian Standard
ASSD	Assumed Datum
B	Basin
BN	Bull Nose
BTH	Bath
BWK	Brickwork
CB	Concrete Block
CF	Concrete Floor
CG	Clear Glass
CJ	Ceiling Joint
CORR	Corrugated
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 Hydrant Reel
GPO	General Purpose Outlet
HBD	Hardboard
HTR	Heater
HWD	Hardwood



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

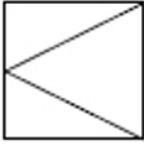
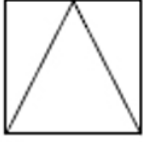
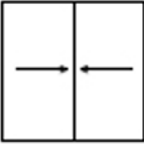
Answer

Name	Image
Wall Cavity Brick	
Brick Veneer Wall	
Timber Studed Wall	
Window in cavity wall	
Window - in single wall	
Door swing single	
Door swing double	
Pocket Door	
Sliding Door exposed on wall	
Socket outlet (power) - general	



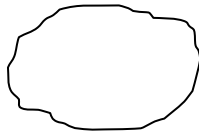
Q13. Identify what the following window symbols represent on elevations.

Answer

Item	Drawing
Side opening window	
Window hinged at top.	
Sliding inward window	
Fixed Window	



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



Answer

A clouded area shows where changes have been made since the last revision.



**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.

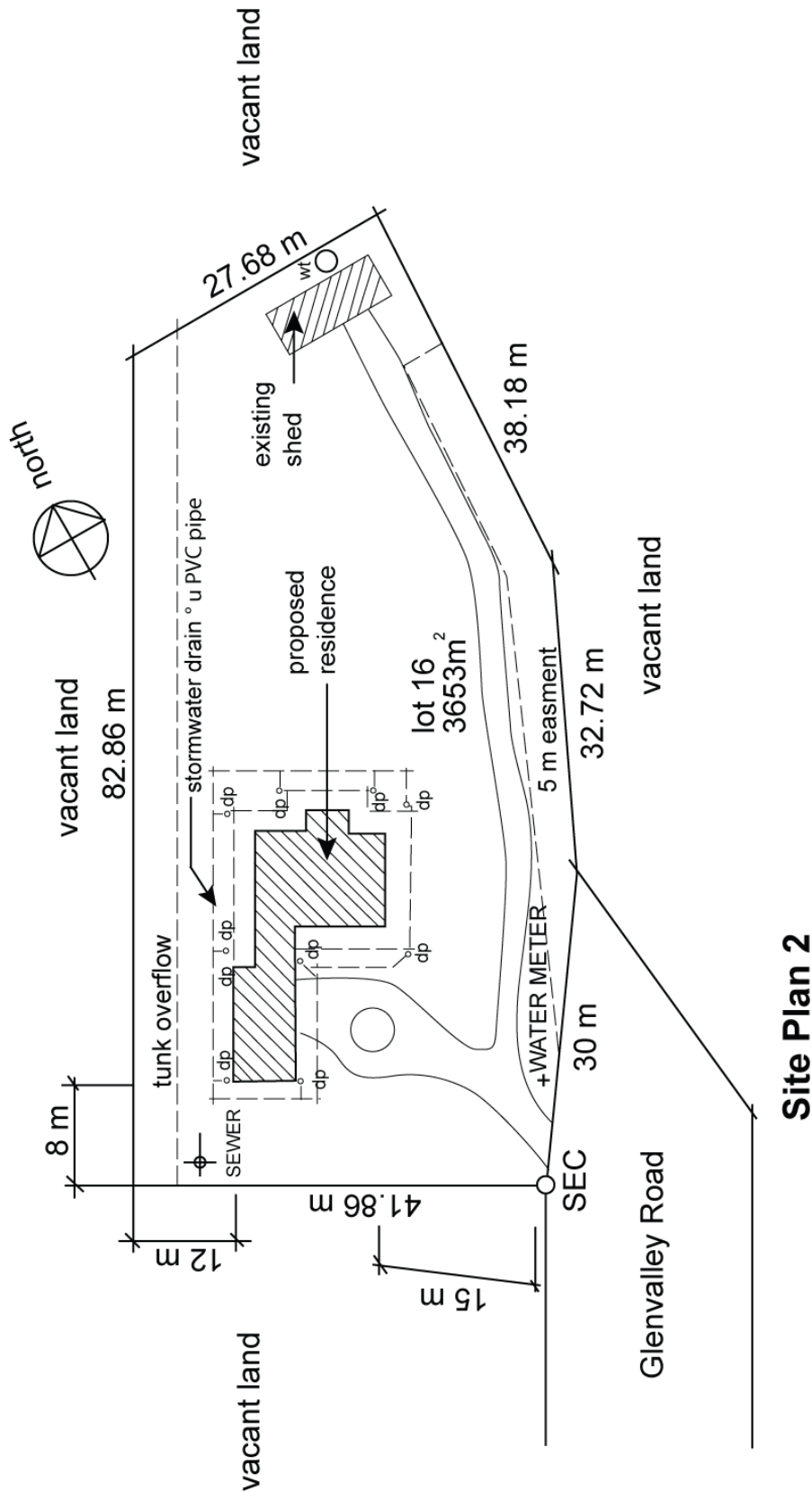
Answer

☒	True	☐
☐	False	

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

Answer ☐

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



Site Plan 2

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

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

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

Q20. What is the Lot number of this site?

Answer	16
--------	----

Q21. What is the size of this lot?

Answer	3653m ²
--------	--------------------

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

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

☐

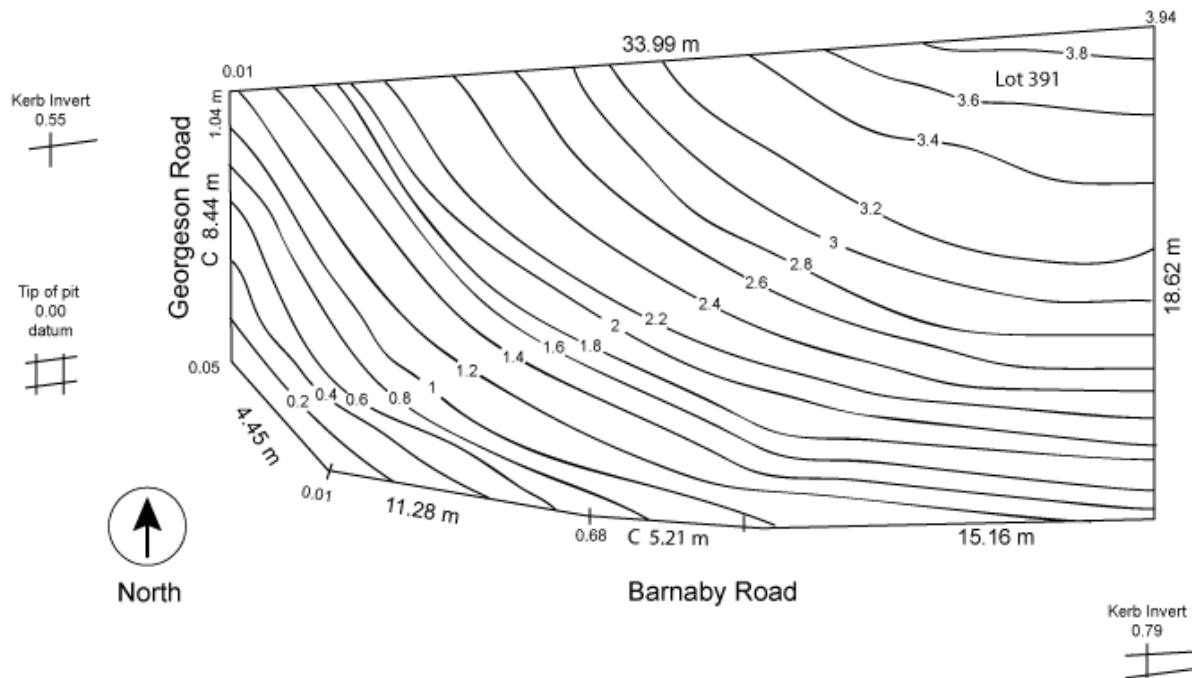
Q26. True or False (Tick your response): The stormwater drain is constructed from PVC pipe.

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

☐

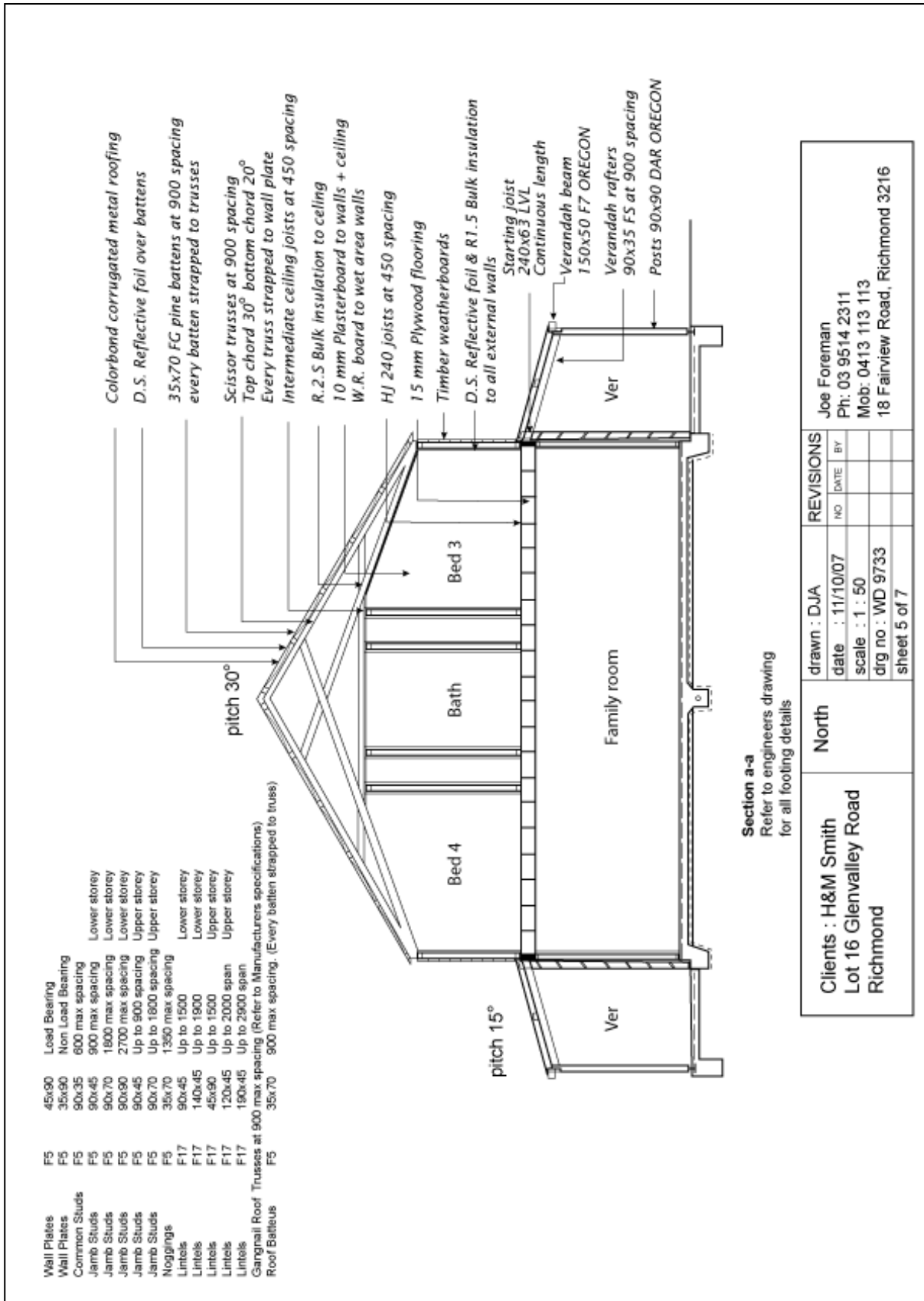
Q28. Which end of the site has the lowest level? Tick your response.

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

Yes it is the same structure proposed in Q19 to Q26. The sectional drawing tells me that the building is a 2 storey, 4 bedroom house. Bedroom 3 and 4 and a bathroom are on the upper level with a family room on the lower level. There is a verandah on either side of the building. The verandah roof is pitched at 15°. The roof is corrugated colorbond steel with a pitch of 30°. The exterior walls are timber weatherboards with the interior walls being 10mm plasterboard. There is bulk insulation in the ceiling and external walls. The external walls also have reflective foil insulation as does the roof between the battens and the roof sheeting

☐

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

☐

Q33. What sheet number is this drawing?

Answer

5

☐

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

Answer

F5 rated timber

☐

Q35. What spacing is recommended for common studs?

Answer 600 max spacing

☐

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

Answer Scissor trusses

☐

Q37. What centres are the trusses positioned at?

Answer 900

☐

Q38. What size are the veranda posts?

Answer 90x90

☐

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

Answer Oregon

☐

Q40. What pitch is the roof?

Answer 30

☐

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

Answer 35 x 70
1350 max spacing

☐

Q42. What size are the ceiling joists?

Answer HJ 240 joists at 450 spacing

☐

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

Answer F5 timber and 900 max spacing

☐

Q44. What thickness is the plasterboard sheeting?

Answer 10mm

☐

Q45. What type of flooring is to be installed?

Answer 15mm plywood

☐

Q46. What is the roof cladding material?

Answer Colorbond corrugated metal roofing

☐

Q47. Where will you find information about the footings?

Answer section a-a
Engineers drawings

☐

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

Answer Dressed All Round - machined finished whereby the timber has been planed on all sides and is very smooth, with rounded edges.

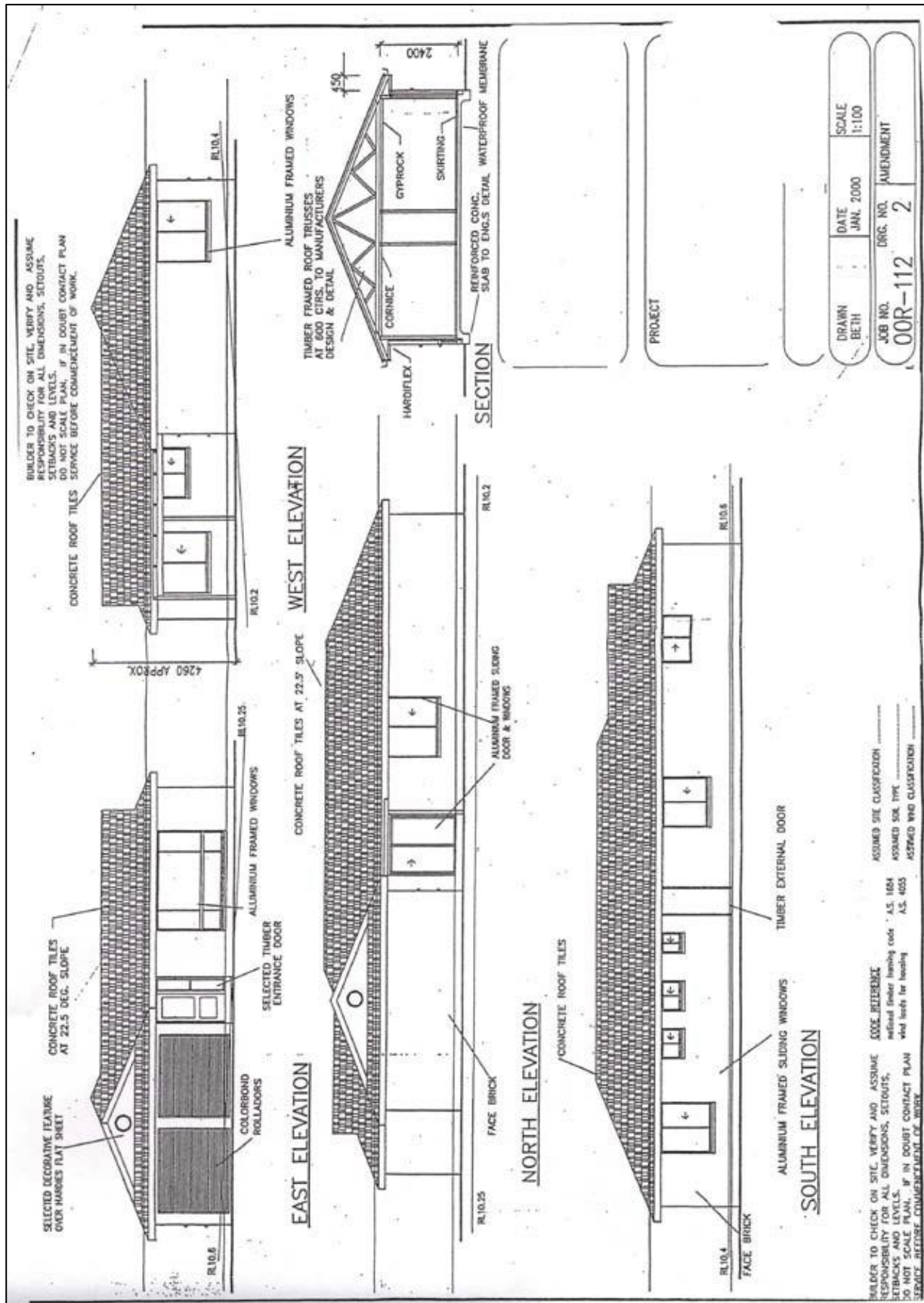
☐

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

Answer LVL refers to Laminated Veneer Lumbar.
The the LVL is 240 wide x 63 thickness

☐

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



Q50. What is the number of the drawing?

Answer ☐

Q51. What is the Job Number?

Answer ☐

Q52. What is the scale of the drawing?

Answer ☐

Q53. What does the drawing show?

Answer ☐

Q54. Which view shows the front of the house?

Answer ☐

Q55. How many motor vehicles can be parked in the garage?

Answer ☐

Q56. What are the window and doors made from?

Answer ☐

Q57. What is the size of the eaves?

Answer ☐

Q58. What are the eaves lined with?

Answer ☐

Q59. What type of roof structure is the roof built from?

Answer ☐

Q60. Which Part of the NCC should be read for more detail about the requirements for the roof structure in Q59. ?

Answer ☐

Q61. Which Australian Standard should be read for more detail about the roof structure in Q59. ?

Answer ☐

Q62. What is the roof cladding materials made from?

Answer ☐

Q63. Which Part of the NCC should be read for more detail about the roof cladding materials in Q62. ?

Answer ☐

Q64. Which Australian Standard should be read for more detail about the roof cladding materials in Q62. ?

Answer ☐

Q65. What is the roof pitch?

Answer 22.5

☐

Q66. Identify one (1) regulatory body you may need to submit plans to for approval?

Answer Council

☐

Q67. Briefly describe the approval process and timeframes for an approval through the regulatory body in Q66.

Answer Firstly you have to put in an application to the council. Council has 10 business days to issue a confirmation notice (this may not always be required). Council has 10 business days after confirmation to request further information or refer your application onto an agency.

If referral to an agency is required, materials are to be given to them within 10 business days. The agency then has 5 business days to confirm application is properly referred (referral confirmation notice). Then a further 25 business days to assess the application. The referral agency also has 10 business days after the assessment period to ask for further information.

The application has 3 months to respond before the application lapses.

Public notification period is 15 business days in most circumstances.

After the above have finished the council has 35 business days to make a decision (less up to 10 days for any time taken to make an Information Request). Once a decision is made the assessment manager has 5 business days to notify the applicant of the decision

☐

Q68. What is a prime cost (PC) item? Give an example.

Answer A prime cost is an amount of money included in the contract to purchase items such as tiles, taps, doors, bathroom fittings etc. It can also be an estimated amount included in the contract for products to be selected at a later stage.

☐

Q69. What is a provisional sum (PS) item? Give an example.

Answer

A provisional sum is an amount of money included in the contract to cover work or materials not detailed when entering the contract. Such as extra survey requirements, tree removal, removal of rocks found in the soil.



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

**Organized Builders Estimating Solutions****Bill Summary**

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>	
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%

c2011 Databuild www.databuild.com.au 2 - 35 C:\Program Files (x86)\Databuild\reports\IC10sumryig.rpt Scott May 09:44



Organized Builders Estimating Solutions
Bill Summary

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			

Q70. True or False (Tick your response): This Bill of Quantities represents a job for a two-storey house.

Answer

☒	True
☐	False

☐

Q71. Identify two (2) materials being used for the floors?

Answer

☐

Q72. True or False (Tick your response): A landscaper has been contracted for this job.

Answer

☒	True
☐	False

☐

Q73. How much does the contracted plasterer cost?

Answer

☐

Q74. How much do the kitchen appliances cost?

Answer

☐

Q75. What percentage of the total cost does the fixing stage represent of the building contract?

Answer

☐

Q76. What percentage of the total cost does the completion stage represent of the building contract?

Answer

☐

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

	Organized Builders Estimating Solutions	Page 1 of 2
	A.B.N. 36089592003	
	info@organizedbuilders.com.au	
	P.O. Box 5280 Frankston South 3199 0413 770 956	7 October 2011

Purchase Order No Web2Stem/20

Delivery Date

Order Date 7/10/2011:

TO	JOB Organized Builders P.O. Box 5280 Frankston South 3199 0413 770 956 Supervisor Builder Job Type 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 mgp10 (long lengths)	130	m	\$1.00 *	\$130.00
	Pine 90 x 45 mgp10 (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 mgp10 (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

c2011 Databuild www.databuild.com.au 2 - 35 C:\Program Files (x86)\Databuild\reports\CI00rda4.rpt Scott May 09:13

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

Q77. How many Pine F5 90 x 45 studs (2.4m long) are required?

Answer 100

☐

Q78. If the material in Q77. increased in cost to \$2.75 each, what would be the total cost for this material?

Answer \$275

☐

Q79. How many sheet of ply are required in total (i.e. all sizes)?

Answer 13

☐

Q80. What material has the highest total cost?

Answer pine 90 x 45 mgp10 (long lengths)

☐

Q81. How many metres are required of the material in Q80. ?

Answer 322.5

☐

Q82. 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 trac
BUILDING WORKS		Skilled Worker
Per hour		A \$
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	Pipelayer.....	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

Q83. Based on the hourly rates given, which is the least expensive trade to contract?

Answer Asphalters (road construction)

☐

Q84. If the trade in Q83. were to be contracted for two (2) hours' work, how much would this cost?

Answer \$214.80

☐

Q85. Based on the hourly rates given, which is the most expensive trade to contract?

Answer Bar Bender and Fixer

☐

Q86. If the trade in Q85. were to be contracted for six (6) hours' work, how much would this cost?

Answer \$1,285.80

☐

Q87. Name the building legislation (Act and Regulations) that apply within your jurisdiction and should be referenced when reading plans and building contracts.

Answer

- Building Act 1975 (Qld)
- Building Regulation 2006 (Qld)

☐

CPCBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

PRACTICAL ASSESSMENT INSTRUCTIONS

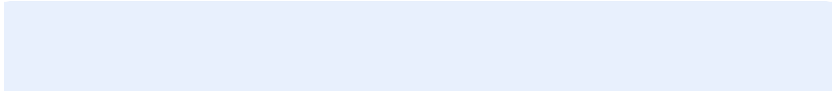
- The following practical assessment will require the Participant to complete work related activities.
- The Assessor will conduct observations of the Participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below – providing your name, 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 Rebecca David

Participant signature 

Date 30/05/2020

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)	☐	☐

CPCCBC4012B 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:		
Name of observer:		
Role of observer (Confirm suitability to sign)		
Email address of observer		
Signature of observer:		
Date:	Click here to enter a date.	
When completing the task, did the participant:	Tick if satisfactorily completed. Provide comments if left unticked.	
	1 st Occasion	2 nd Occasion
1 Interpret drawings		
1.1A. Identify purpose and advantage of different types of drawings.	☐	☐
1.1B. Identify different aspects of drawings.	☐	☐
1.1C. Identify, understand and apply: - Commonly used symbols and abbreviations - Common building and construction terms on drawings	☐	☐
1.1D. Identify building site from location drawings.	☐	☐
1.1E. 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	☐	☐

1.1F.	Identify key features of plans, elevations and sections.	☐	☐
1.1G.	Identify client requested variations to standard plans on drawings.	☐	☐
2 Interpret specifications			
1.2A.	Identify and correctly apply Provisional Sum (PS) and Prime Cost (PC) values.	☐	☐
1.2B.	Identify and confirm customer variations to standard specifications and communicate changes to organisational personnel.	☐	☐
1.2C.	Apply and communicate correct interpretations of essential elements to estimation, planning and supervisory tasks (including labour hours/costs and material quantities/costs).	☐	☐
1.2D.	Identify Building Codes or standards affecting the work to be undertaken (including references to Australian Standards and the National Construction Code).	☐	☐
1.2E.	Identify key features of products included in the specification, including the design, purpose, aesthetics and cost relationships.	☐	☐
3 Communicate with others			
1.3A.	Consult with industry professionals, clients, organisational personnel and appropriate local authorities.	☐	☐
1.3B.	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