

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).

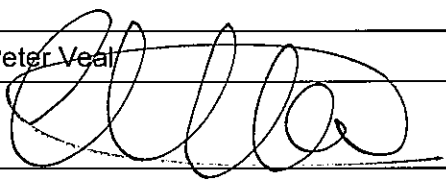
Participants must read all the information given before starting any assessment task. The assessment tasks are intended to be equitable, fair and flexible. If a participant has any questions or requires alternative arrangements to be made such requests should be directed to their Trainer/Assessor, who 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	Jamie Letts
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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

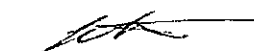
Assessor Name	Peter Veal
Assessor Signature	
Unit Competence Determination Date	15/05/2017

CPCBC4012B READ AND INTERPRET PLANS AND SPECIFICATIONS

THEORY EXAM INSTRUCTIONS

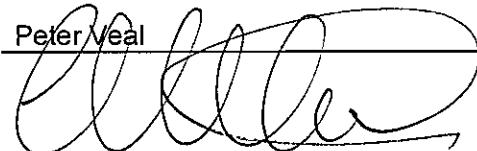
- This exam will occur under standard assessment conditions.
 - An oral examination may be allowed under certain circumstances, whereby the Participant's answers will be documented by a party other than the Participant. This must be acknowledged in writing (e.g. FT001 and Assessor Comments)
- Participants 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 Jamie Letts

Participant signature 

Date 15/05/2020

Assessor name Peter Veal

Assessor signature 

Date 15/05/2017

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

ASSESSOR COMMENTS

Jamie has worked on my team as a Contract Administrator on several projects over a period of 4 years.

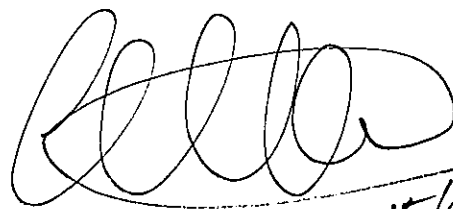
Presently we are constructing a \$5million Commercial centre for the Commonwealth Government at OAKEY Army Base QLD.

Jamie is responsible for the following activities, which ultimately are signed off by myself:

1. Compiling Trade Scopes to 20 separate trades and suppliers from general architectural, structural and services trade drawings and specifications.
2. This requires the ability to understand and interpret a vast comprehensive range of all aspects of drawings and specifications.
3. Analyse Project Budgets and report to Management on tender results, gains, losses and opportunities.
4. Issue tenders to Trades, Suppliers and Consultants.
5. Summarise tenders received and report to Management with recommendations.
6. Monitor PS and PC's and report against tenders received, including mitigation of overruns.
7. Preparation of Monthly Reports to both Management and the Commonwealth Government.
8. Process all payments, retentions, bank guarantees, etc.

General Comments:

- A. It is my considered opinion as a Registered QLD Architect of 34 years and a Senior Project Management with FKG Construction that Jamie has a depth of knowledge and experience far in excess of what would appear to be necessary to pass 'Read and Interpret Plans and Specifications'.



15/05/20.

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

Shows a block on a particular street and will detail information such as lot and plan details. It may also show important other information, EG Major roads, green zones, significant trees.



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

Answer

Shows the building setout and location within the block plan and will also show the datum for the site



Q5. What do floor plans identify?

Answer Shows the details of the proposed structure such as rooms sizes and locations, position of fixtures, floor coverings, etc



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

Answer Shows the details of the landscaping to a project such as irrigation layout. Plant location and type, pathways, etc



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

Answer Elevations show the view you would see when standing in front of that location and will usually provide details such as finish to external walls, sizes and locations of windows, doors, etc



Q8. What is a section?

Answer A section is a slice through the building and will provide further details on construction details (e.g. ceiling heights, wall construction, floor levels, roof levels, and construction details on roof and walls, etc)



Q9. What are detailed drawings?

Answer Detail drawings are usually to a larger scale and show in detail parts that are included in less detail on general arrangement drawings



Q10. What are specifications?

Answer The specification refers to a set of documented requirements to be satisfied by a material design.



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

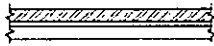
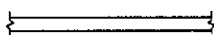
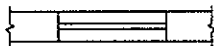
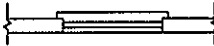
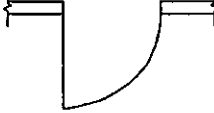
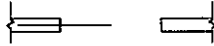
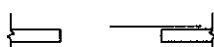
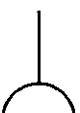
Answer

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 Joist
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 Hose Reel
GPO	General Purpose Outlet
HBD	Hardboard
HTR	Heater
HWD	Hardwood



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

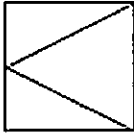
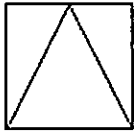
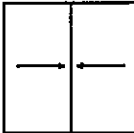
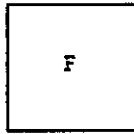
Answer

Name	Image
Wall Cavity Brick	
Wall 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	



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 to the works documented within the area

**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 5/10/2011



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

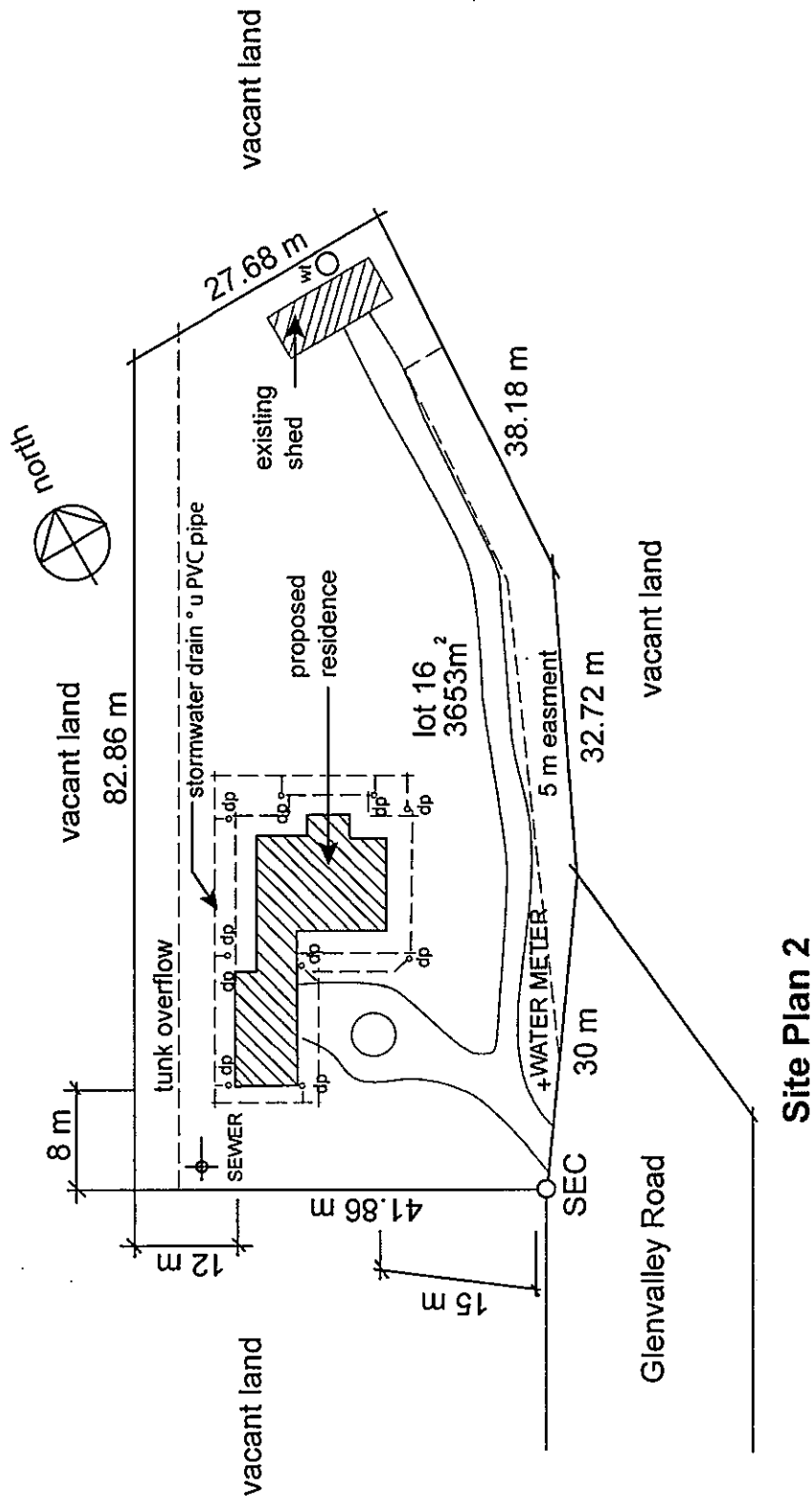


Q18. What amendment occurred on 08/11/2011?

Answer Bed 3 Robe Deleted



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	REVISIONS		Joe Foreman Ph: 03 9514 2311 Mob: 0413 113 113 18 Fairview Road, Richmond 3216
			NO	DATE	BY

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



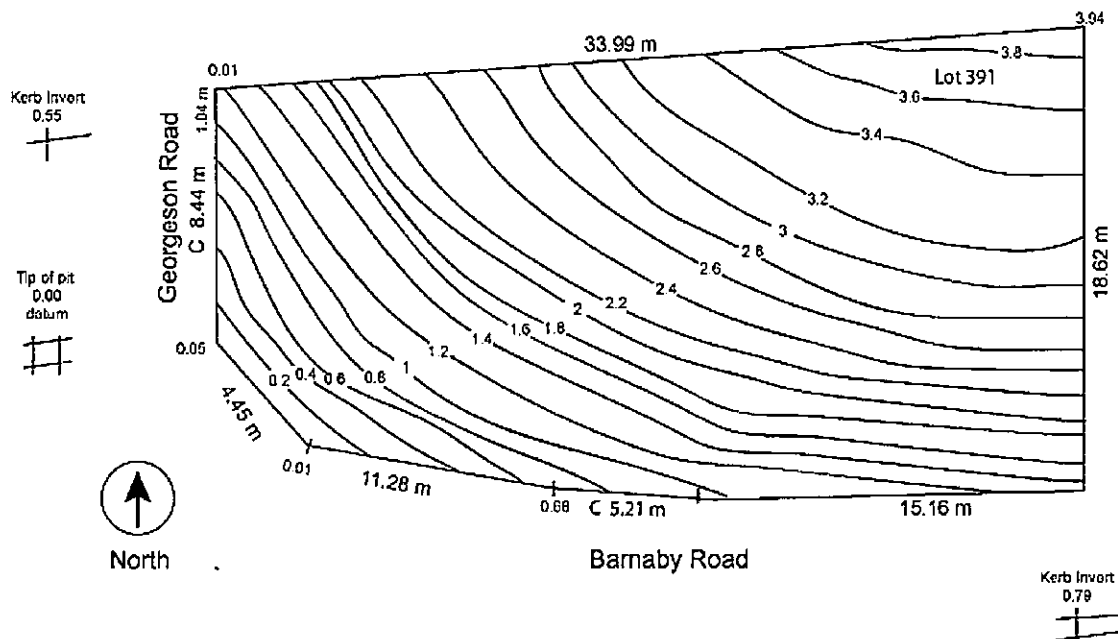
Q26. True or False (Tick your response): The stormwater drain is constructed from PVC pipe.

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



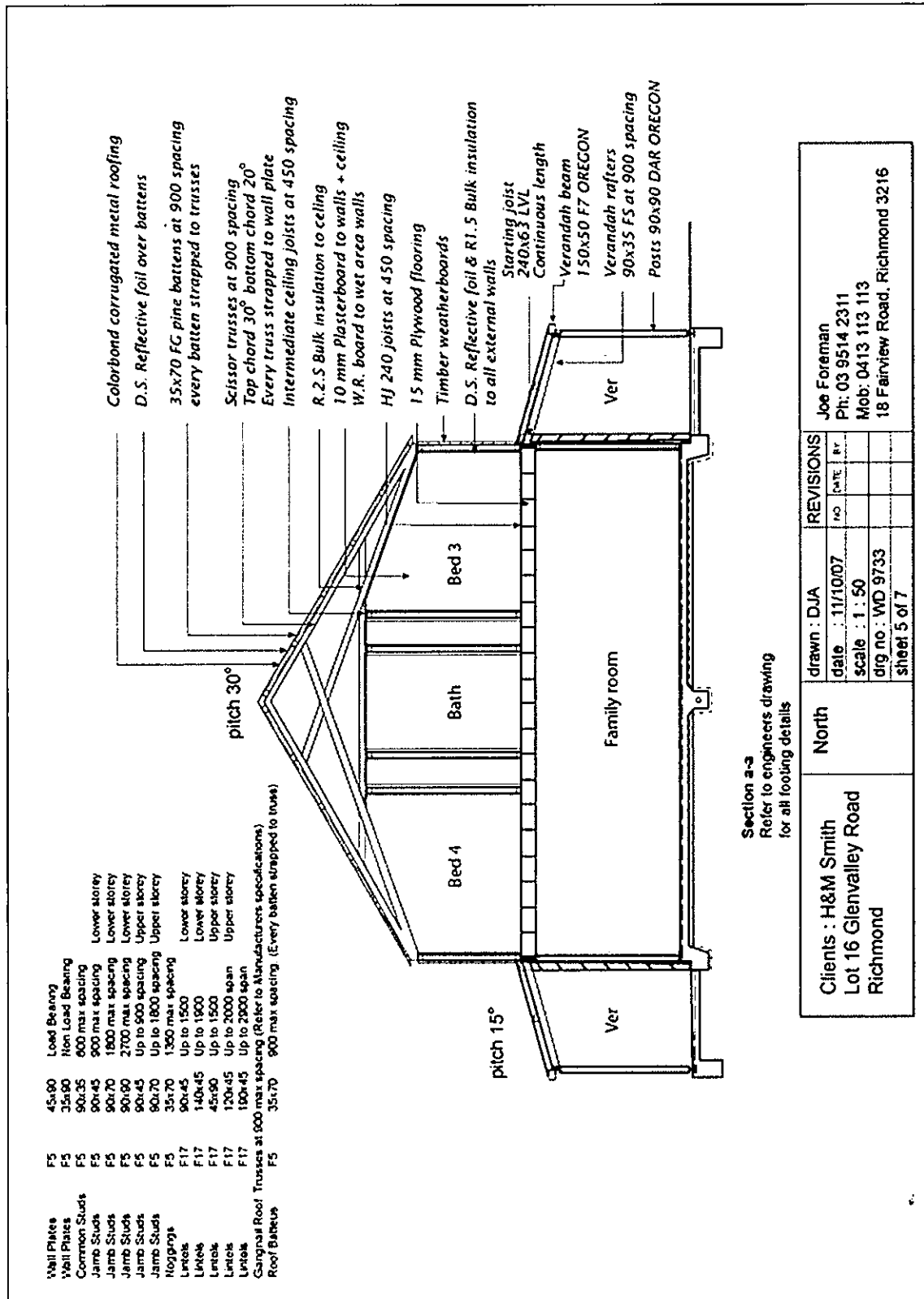
Q28. Which end of the site has the lowest level? Tick your response.

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 Two storey residence consisting of the following:

- Concrete ground slab
- Timber joists with plywood flooring to first floor
- Timber framed walls with brick veneer to ground floor
- Timber framed walls with timber weatherboard to first floor
- Internal timber framed walls with plasterboard linings
- Timber trussed roof with colorbond metal roof sheeting

Yes this residence is in relation to Lot 16 at Glenvalley Road so it can be assumed this is the same residence as that proposed in Q19 to Q26



Q30. Who is the client?

Answer H&M Smith



Q31. Where is this project to be built?

Answer Richmond



Q32. What are the contact details for the draftsman?

Answer Joe Foreman
Phone: 03 9514 2311
Mobile: 0413 113 113
18 Fairview Road, Richmond 3216



Q33. What sheet number is this drawing?

Answer Sheet 5 of 7



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

Answer F5 45 x 90 for load bearing plates & F5 35 x 90 for non-load bearing plates.
Common studs F5 90x35.



Q35. What spacing is recommended for common studs?

Answer 600 max spacing



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

Answer Gangnail scissor roof trusses at 900 max spacings, top chord 30 deg bottom
chord 20 deg



Q37. What centres are the trusses positioned at?

Answer 900



Q38. What size are the veranda posts?

Answer 90 x 90



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

Answer DAR Oregon



Q40. What pitch is the roof?

Answer 30 Deg



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

Answer 35 x 70mm at 1350 max spacings



Q42. What size are the ceiling joists?

Answer 240



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

Answer 35 x 70 FG pine at 900 spacing



Q44. What thickness is the plasterboard sheeting?

Answer 10mm



Q45. What type of flooring is to be installed?

Answer 15mm plywood flooring



Q46. What is the roof cladding material?

Answer Colorbond corrugated metal roofing



Q47. Where will you find information about the footings?

Answer On the structural drawings



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

Answer Dressed all round

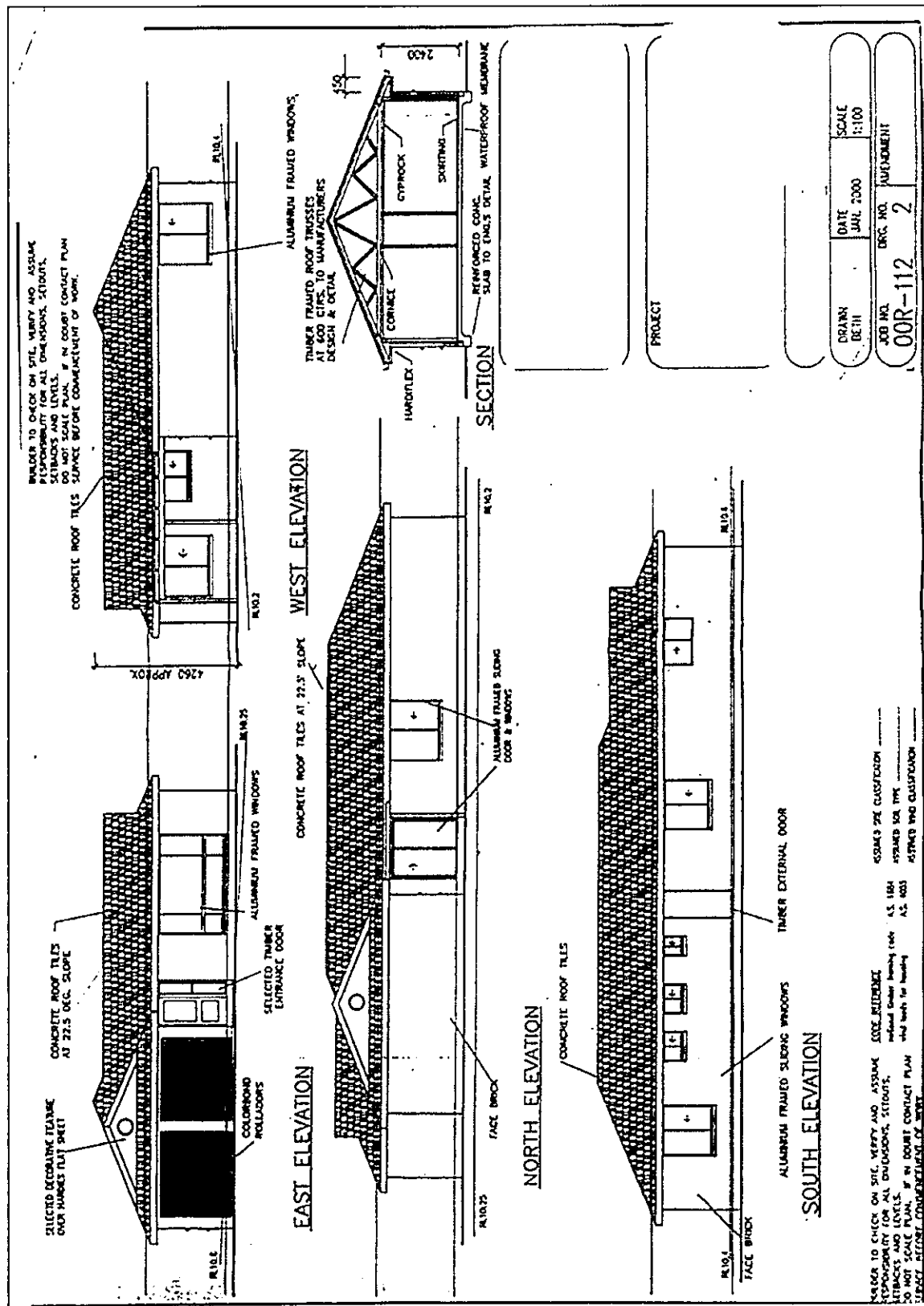


Q49. Explain what '240 x 63 LVL' refers to on the sectional drawing. What do the letters 'LVL' refer to?

Answer 240 x 63 LVL relates to the starting joist for the floor to the first level and LVL stands for "Laminated Veneer Lumber"



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



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

Answer Townsville City Council – Plumbing Permit



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

Answer Information is based on an application to the Townsville City Council for a Plumbing Permit on a residential construction project.



- Complete Form 1 – Permit Work Application for Plumbing, Drainage and on site sewerage works.
- Complete Form 7 – Notification of Responsible Person
- Forms are lodged with Council including a complete set of hydraulic drawings
- Application process is approx. 2 weeks
- Decision Notice will be sent to Owner, Contractor and Plumber notifying council approval
- Works can commence. With council inspectors to inspect works at nominated milestones (drainage roughin, fit off, etc).
- Final Inspection Certificate will be issued by Council upon completion

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

Answer Prime Cost (PC) – Relate to allow for items such as floor coverings, fixtures, etc and is usually a per item rate. This is usually due to these items not being selected at the time of contract signing.



Examples

\$75/m2 for floor tiles

\$250/each tapware sets

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

Answer Provisional Sums (PS) – Relates to an amount of money in the contract to cover work not yet decided or detailed at the time of contract signing



Examples

Landscaping & Irrigation

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

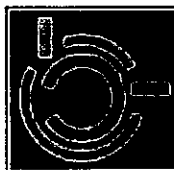
**Organized Builders Estimating Solutions****Bill Summary**

7 October 2011

Web2Stem Website Template 2 storey
Organized Builders
P.O. Box 5280 Frankston South 3199
0413 776 956

<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	\$18,078.00	5.3%
17 STRUCTURAL STEEL	\$12,000.00	3.3%
02 - Base	\$33,848.00	9%
20A Frame Stage	\$0.00	.0%
20 FRAME TIMBER	\$5,127.16	1.4%
22 FLOOR TRUSSES	\$2,249.50	.6%
23 ROOF TRUSSES	\$3,360.00	.9%
24 WINDOWS ALUMINIUM	\$25,541.00	7.1%
29 FRAME CARPENTER	\$7,335.00	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	\$800.00	.2%
36 STEEL LINTELS	\$826.52	.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 INSULATION	\$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**

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	\$82,095.14	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>

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 Tiles and Carpet

☒

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 \$12,900.00

☒

Q74. How much do the kitchen appliances cost?

Answer \$2,700.00

☒

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

Answer 23%

☒

Q76. 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. 50089592003 info@organizedbuilders.com.au P.O. Box 5280 Frankston South 3199 0413 770 956	Page 1 of 2 7 October 2011
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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
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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 mpp10 (long lengths)	130	m	\$1.00	\$130.00
	Pine 90 x 45 mpp10 (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 mpp10 (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 2/1.9 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	22.6	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

c:\2011\Databuild\www.databuild.com.au\2-35 C:\Program Files\Organized Builders\reports\Cost\May 08 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 \$275.00



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 322.5m total of \$322.50



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

Answer 322.5m



Q82. What beam is identified as being a better option than F17?

Answer E14 Beams



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

LABOUR		Registered (for des tra)
BUILDING WORKS		Skilled Worker
Per hour		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	Leveler.....	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 & 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
National Construction Code
Queensland Building and Construction Commission Act 1991



CPCCBC4012B READ AND INTERPRET PLANS AND SPECIFICATIONS

PRACTICAL ASSESSMENT INSTRUCTIONS

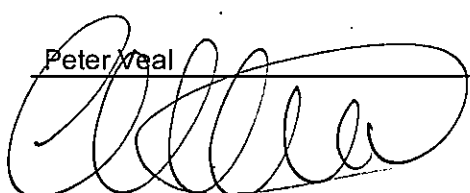
- The following practical assessment will require the Participant to complete work related activities.
- The Assessor will conduct observations of the Participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below – providing your name,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

Participant signature 

Date 15/05/2020

Assessor name Peter Neal

Assessor signature 

Date Click here to enter a date. 15/05/20

Task	Task outcome (Tick)	
	Satisfactory	Not Yet Satisfactory
Task 1 (Occasion 1)	☒	☐
Task 1 (Occasion 2)	☒	☐

ASSESSOR COMMENTS

Jamie has worked on my team as a Contract Administrator on several projects over a period of 4 years.

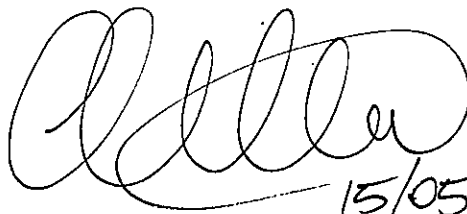
Presently we are constructing a \$5million Commercial centre for the Commonwealth Government at OAKEY Army Base QLD.

Jamie is responsible for the following activities, which ultimately are signed off by myself:

9. Compiling Trade Scopes to 20 separate trades and suppliers from general architectural, structural and services trade drawings and specifications.
10. This requires the ability to understand and interpret a vast comprehensive range of all aspects of drawings and specifications.
11. Analyse Project Budgets and report to Management on tender results, gains, losses and opportunities.
12. Issue tenders to Trades, Suppliers and Consultants.
13. Summarise tenders received and report to Management with recommendations.
14. Monitor PS and PC's and report against tenders received, including mitigation of overruns.
15. Preparation of Monthly Reports to both Management and the Commonwealth Government.
16. Process all payments, retentions, bank guarantees, etc.

General Comments:

- B. It is my considered opinion as a Registered QLD Architect of 34 years and a Senior Project Management with FKG Construction that Jamie has a depth of knowledge and experience far in excess of what would appear to be necessary to pass 'Read and Interpret Plans and Specifications'.



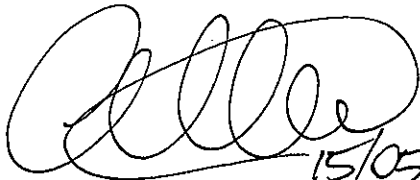
15/05/20.

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:	Jamie Letts	
Name of observer:	Peter Veal	
Role of observer (Confirm suitability to sign)	Project Manager for the project Jamie Letts is currently working on for FKG	
Email address of observer	peter.veal@fkg.com.au	
Signature of observer:		
Date:	15/05/2020	
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


15/05/20