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	Rik Chetcuti

Task	Assessment Results	
Theory Exam	☐ Satisfactory	☐ Not Yet Satisfactory
Practical Assessment	☐ Satisfactory	☐ Not Yet Satisfactory
Outcome for Unit of Competency	☐ **Competent**	☐ **Not Yet Competent**

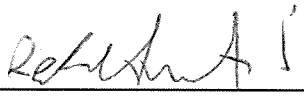
Assessor Name	
Assessor Signature	
Unit Competence Determination Date	Click here to enter a date.

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: Rik Chetcuti

Participant signature: 

Date: 28/11/2020

Assessor name:

Assessor signature:

Date: Click here to enter a date.

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

ASSESSOR COMMENTS

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

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 The compass directions always shown on plans and drawings are North, South, East and West.

☐

Q3. What information is provided on a location plan?

Answer A location plan show a site on a particular street/location.

☐

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

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

☐

Q5. What do floor plans identify?

Answer A floor plan typically identifies detail of the proposed structure, such as rooms, positions of fixtures and floor coverings to name a few.

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

Answer A landscaping plan is a plan that details what a client intends to do externally to their house on their block of land. Typically items/details shown on a landscaping plan are plants, paths, garden layouts and retaining walls.

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

Answer Elevation views are the proposed structure from it sides (i.e. from north, south, east and west. Each side view is what is called an elevation view.

Q8. What is a section?

Answer A section view in most cases elevations 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. For example, it shows the height from the ground to the floor, the height between the floor and the ceilings and how the roof is to be constructed.

Q9. What are detailed drawings?

Answer Detailed amendment drawings are required when a change is made, typically by way of variation. When these changes occur design drawings will need to be amended to show the change made, as an up to date set of drawings is required to be lodged with any construction submission.

Q10. What are specifications?

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

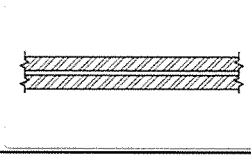
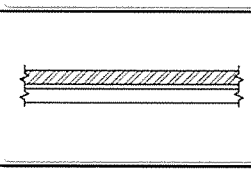
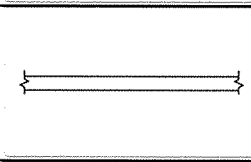
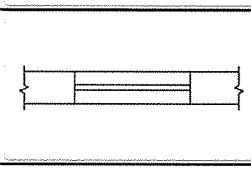
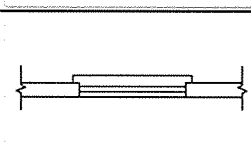
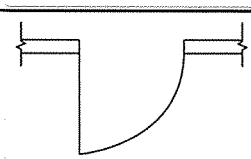
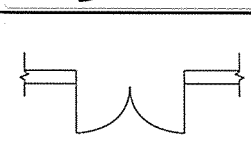
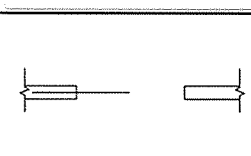
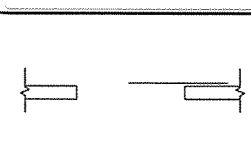
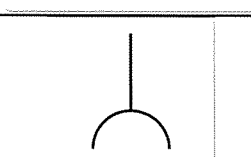
Q11. Explain the meaning of the abbreviations in the table below.

Answer

Abbreviation	Meaning
ACRYL	Acrylic
AS	Australian Standards
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	Distribn, Switch Board
DW	Dishwasher
EJ	Expansion Joint
FPBD	Fibrous Plaster Board
FFL	Level on Plans
FHR	Fire House Reel
GPO	General Purpose Outlet
HBD	Hardboard
HTR	Heater
HWD	Hardwood

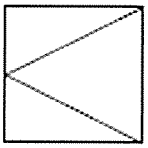
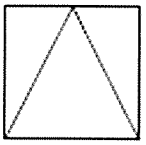
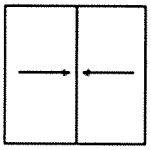
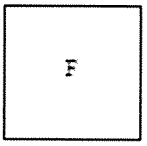
Q12. Name each of the drawing symbol images shown in the table below.

Answer

Name	Image
Bricked Wall	
Bricked Wall with an Internal Wall (Typically Plasterboard Wall)	
Internal Wall (Typically Plasterboard Wall)	
Window	
Window	
Door – Single Leaves Opening 90 Degrees	
Door – Two Leaves Each Openings at 90 Degrees	
Door – Internally Fixed (Within Frame) Cavity Sliding Door	
Door – Externally Fixed (Outside of Frame) Sliding Door	
Power Point	

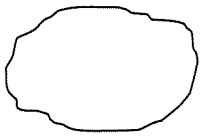
Q13. Identify what the following window symbols represent on elevations.

Answer

Item	Drawing
Hinged at Side	
Hinged at Top	
Sliding Horizontally	
Fixed	

☐

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



Answer

A cloud area on a plan indicate a change or revision. The "Cloud/s" are often referred to as a revision cloud.

☐

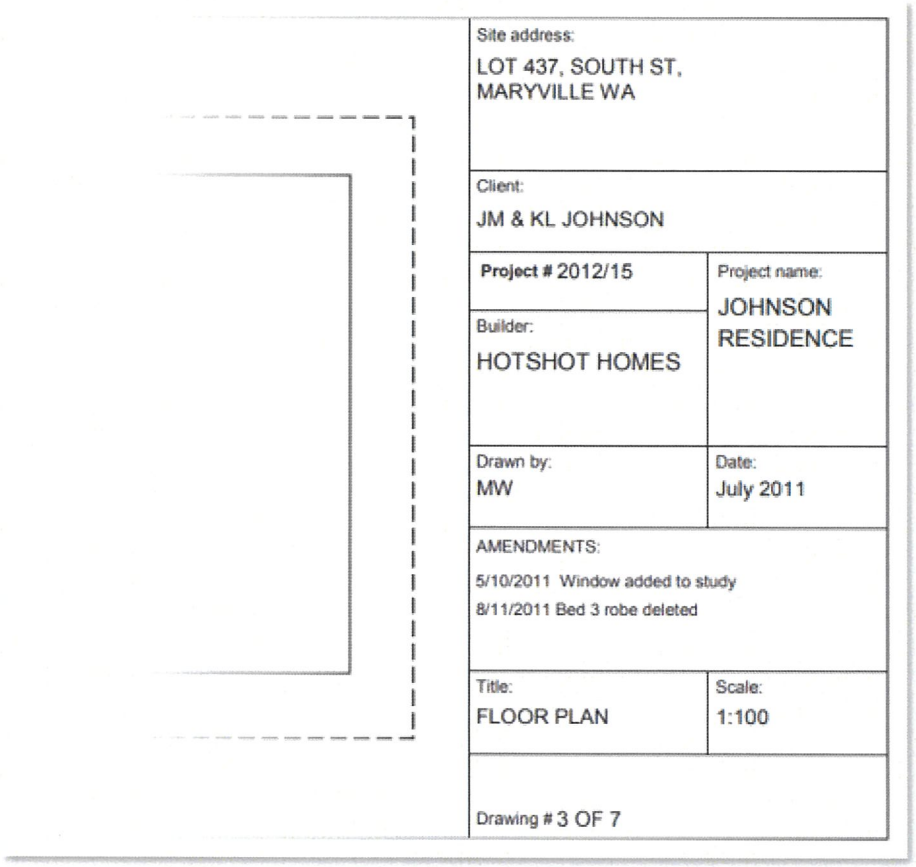
Q15. An amendment to specifications could relate to which of the following? Tick all that apply.

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.



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 An Amendment was made to the window details on the 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

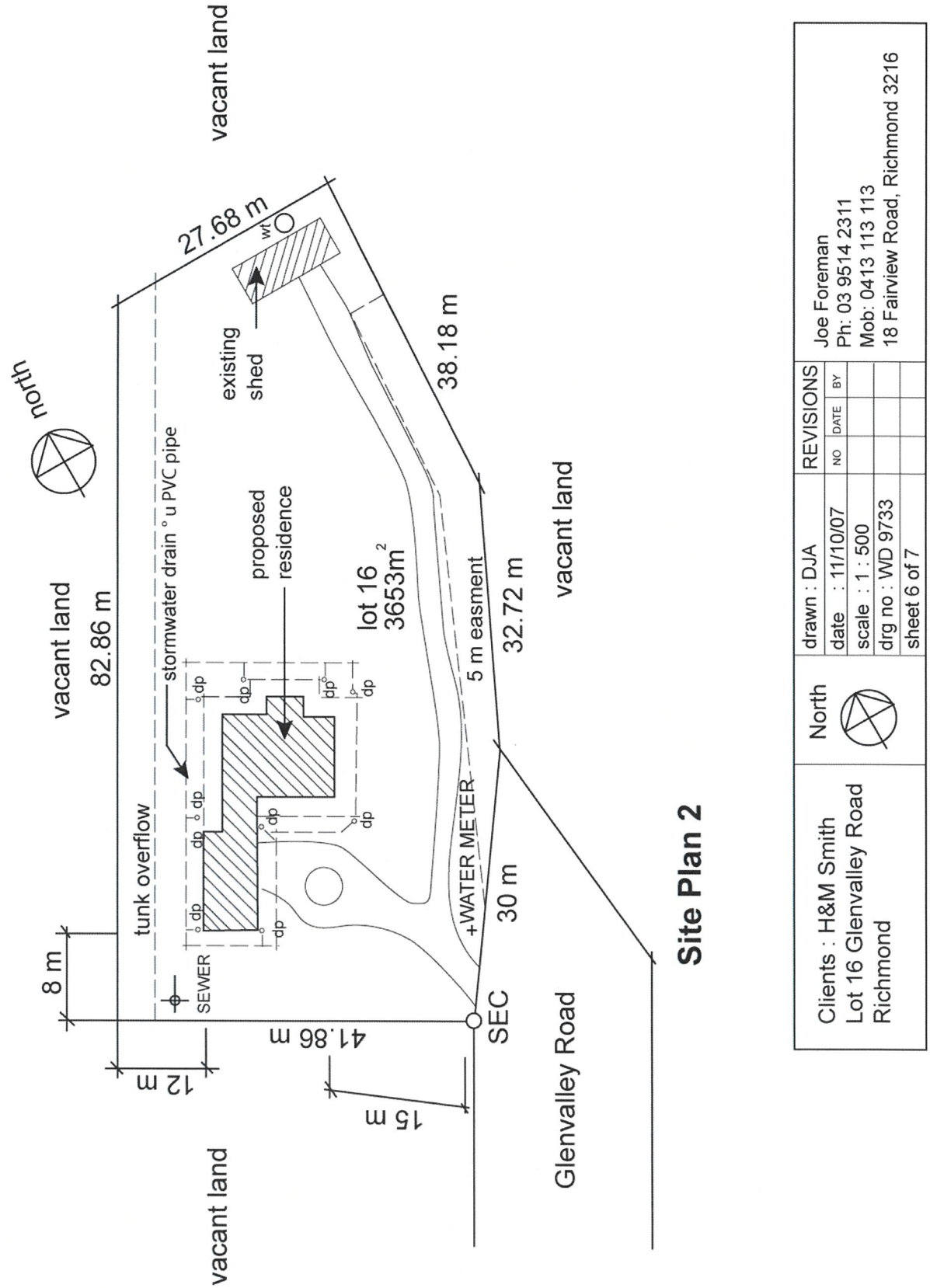
☑	True
☐	False

☐

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

Answer The amendment that occurred on the 08/11/2011 was Bedroom 3's robe was deleted/removed. ☐

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



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 The lot number of this site is 16.

Q21. What is the size of this lot?

Answer The lot is 3653m2.

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 The easement on the eastern boundary is 5m. ☐

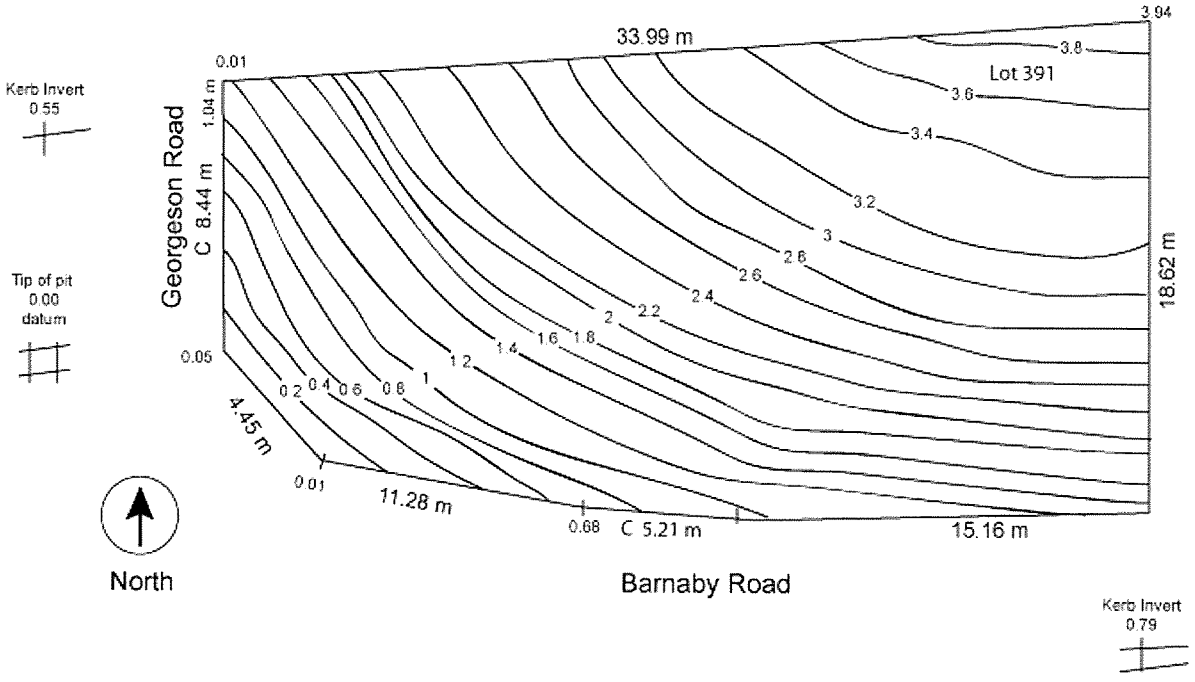
Q26. True or False (Tick your response): The stormwater drain is constructed from PVC pipe.

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 The level at the northernmost point of the site is 3.94. ☐

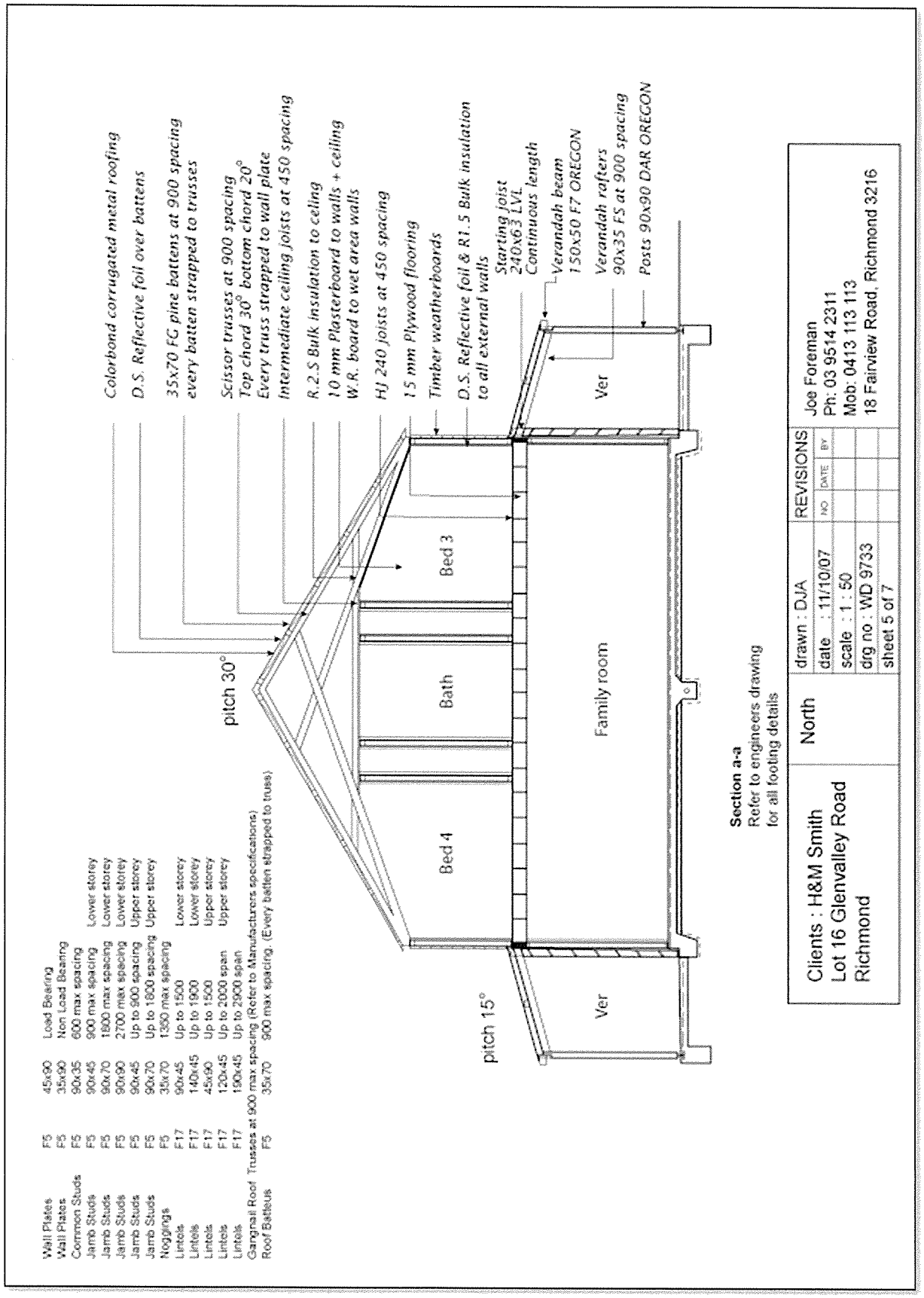
Q28. Which end of the site has the lowest level? Tick your response.

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 The building in the sectional drawing is a two story building/structure with two veranda's. The main roof pitch is 30 degrees and the veranda's are 15 degrees. The sectional drawing and site plan drawing are the same proposed building/structure, I know this as all the details provided match.

Q30. Who is the client?

Answer The client is H&M Smith

Q31. Where is this project to be built?

Answer The project is to be built at Lot 16 Glenvalley Road Richmond.

Q32. What are the contact details for the draftsman?

Answer The contact details for the draftsman are,
Name: Joe Foreman
Ph: 03 9514 2311
Mob: 0413 113 113
Address: 18 Fairview Road, Richmond 3216

Q33. What sheet number is this drawing?

Answer The sheet number for this section is 5 of 7.

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

Answer The timber required for load bearing walls is 45 x 90 and the timber required for non-load bearing walls is 35 x 90.

Q35. What spacing is recommended for common studs?

Answer The recommended spacing for common studs is generally 450mm or 600mm spacing, which typically depends on the roof cladding/finish. ☐

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

Answer The roof truss's to be installed are scissor trusses at 900 spacing, top chord 30 degrees bottom chord 20 degrees. Every truss strapped to wall plate intermediate ceiling joists at 450 spacing. ☐

Q37. What centres are the trusses positioned at?

Answer As per the section/detail the trusses are positioned at 900 centres. ☐

Q38. What size are the veranda posts?

Answer The veranda post are 90x90. ☐

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

Answer The timber species for the veranda post are Dar Oregon. ☐

Q40. What pitch is the roof?

Answer The roof pitch for the main part of the dwelling is 30 degrees and the verandas are 15 degrees. ☐

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

Answer The noggins are F5 35x70 at a 1350 max spacing. ☐

Q42. What size are the ceiling joists?

Answer The ceilings joists are HJ 240 joists at 450 spacings. ☐

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

Answer The timber used for the roof battens is 35x70 FG Pine at 900 spacing. ☐

Q44. What thickness is the plasterboard sheeting?

Answer The plasterboard sheeting is 10mm for the walls and ceilings. ☐

Q45. What type of flooring is to be installed?

Answer The type of flooring to be installed is 15mm plywood flooring. ☐

Q46. What is the roof cladding material?

Answer The roof cladding material is Colorbond corrugated metal roofing. ☐

Q47. Where will you find information about the footings?

Answer You will find the information for the footings if you refer to the engineers drawing. ☐

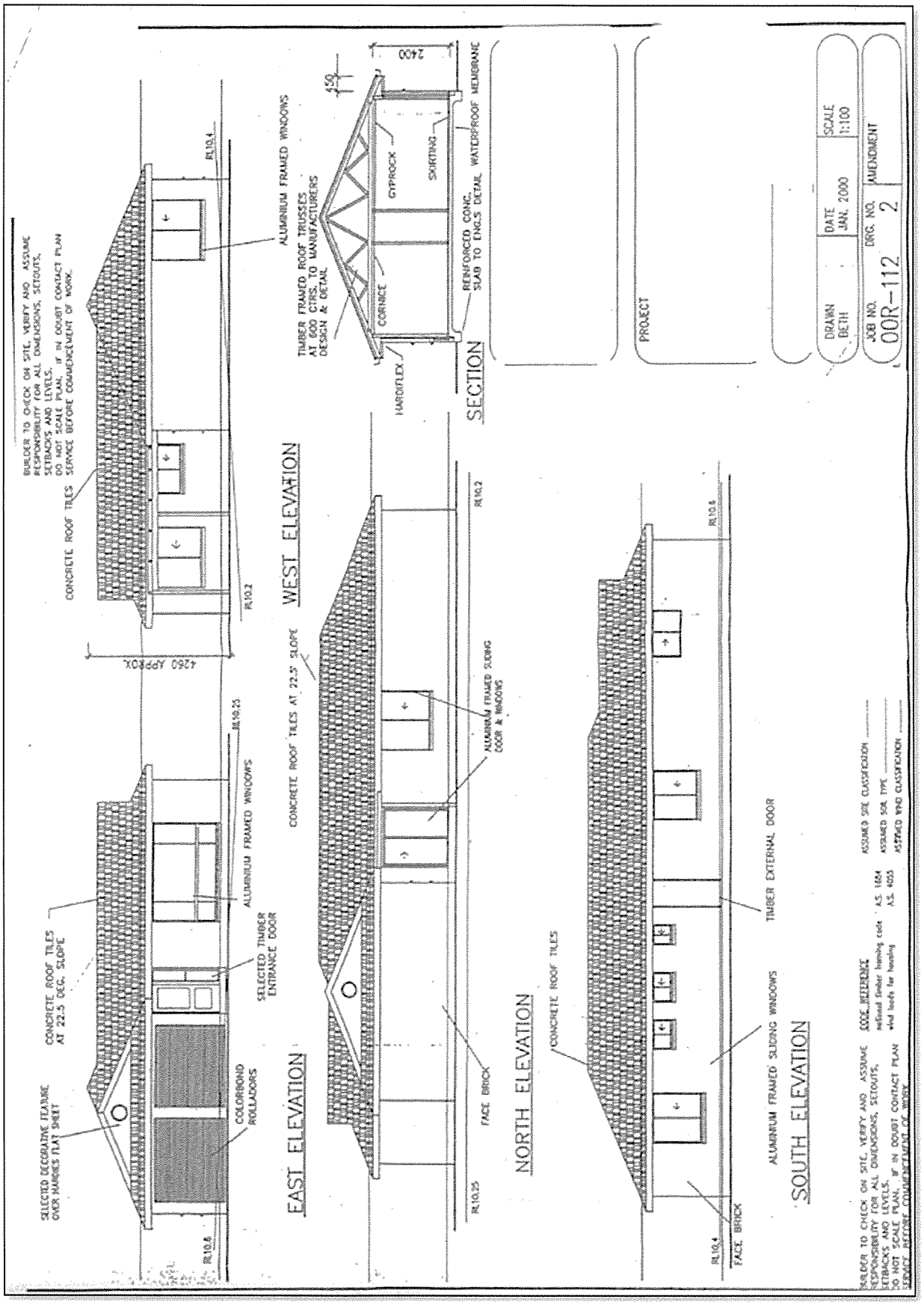
Q48. What do the letters 'DAR' refer when timber ordering?

Answer DAR when referring to timber ordering means Dressed All Round. ☐

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

Answer The letters 'LVL' refer to Laminated Veneer lumber. ☐

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



Q50. What is the number of the drawing?

Answer The number of the drawing is 2.

Q51. What is the Job Number?

Answer The job number is 00R-112.

Q52. What is the scale of the drawing?

Answer The scale of the drawing is 1:100.

Q53. What does the drawing show?

Answer The drawing show's North, East, South and West elevations and a simple section.

Q54. Which view shows the front of the house?

Answer The east view is the front façade of the proposed dwelling.

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

Answer The garage drawn on the plans would be able to house 2 regular motor vehicles (Car), although this is dependent on a lot of variables.

Q56. What are the window and doors made from?

Answer The windows and doors, excluding the entry door are made of Aluminium frames. The entry door is a timber frame, all windows and doors contain glass.

Q57. What is the size of the eaves?

Answer The eaves as the per the section are 450mm. ☐

Q58. What are the eaves lined with?

Answer The eaves as per the section are lined with Hardiflex. ☐

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

Answer The roof is to be built of concrete roof tiles at a 22.5 degree pitch. ☐

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

Answer Part 3.5 Roof and Wall Cladding of Volume 2 of the NCC should be read for more details on requirements for roof structure. ☐

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

Answer The Australian standard that should be read for more details about the roof structure in Q59 is AS 1562.1:2018 Design and Installation of Sheet Roof and Wall Cladding – Metal. ☐

Q62. What is the roof cladding materials made from?

Answer The roof cladding materials are made from concrete as per plan. ☐

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

Answer Part 3.5 Roof and Wall Cladding of Volume 2 of the NCC should be read for more details on roof cladding materials. ☐

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

Answer The Australian standard that should be read for more details about the roof Cladding in Q62 is AS 1562.1:2018 Design and Installation of Sheet Roof and Wall Cladding – Metal. ☐

Q65. What is the roof pitch?

Answer The roof pitch is 22.5 Degrees.

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

Answer A regulatory body you may need to submit plans to for approval is the local council to ensure the proposed establishment meets their requirements, such as convents for example my local council is the Moreton Bay Regional Council.

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

Answer Before starting work on most buildings and structures, a building permit, also known as a 'building approval', 'development approval' and 'building certification' may be required.

A building certifier will assess whether the proposed work complies with the Building Act 1975 and associated standards. If it does, they will issue a building permit. Accredited building certifiers must be registered with the Queensland Building and Construction Commission (QBCC).

The building approval will note what inspections must take place while the work is underway. The building certifier who issued the permit is required to carry out these inspections and issue the final certificate.

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

Answer A prime cost is define as an item that has not been selected or whose value is not know at the time a domestic building contract is entered into and for the cost of supply and delivery of which the builder must make a reasonable allowance in the contract.
For example, typical prime cost items are site specific, so possibly the soil rating (S, M, H1, H2 ETC) which will affect the slab design and determine whether or not piers are or aren't required. Other examples consist of Acoustic Ratings and Fire Ratings.

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

Answer

A provisional sum is an allowance (or best guess), usually estimated by a cost consultant, that is inserted into tender documents for a specific element of the works that is not yet defined in enough detail for tenderers to accurately price.
For example, typical provisional sum items are site specific, so possibly the Acoustic Ratings (Category 1, 2, 3 ETC) which will affect the way the establishment is constructed. Other examples consist of Soil Ratings and Fire Ratings.

☐

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

	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%

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

	Cost Centre		Amount	
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

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 2 Materials being used for the floors are 56 – Internal Tile Supply and 71 – Carpet, Vinyl and Floating Floors. ☐

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 The contracted plasterer cost $12,900.00 as per cost centre 50. ☐

Q74. How much do the kitchen appliances cost?

Answer The kitchen appliances cost $2,700.00 as per cost centre 62. ☐

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

Answer Fixing stage 50a consist of 23% of the building contract as per the bill of quantities. ☐

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

Answer Completion stage 61a consist of 17% of the building contract as per the bill of quantities. ☐

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

Page 1 of 2

Organized Builders Estimating Solutions

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: TO BE ALLOCATED 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 Ground floor walls and beams to ceiling / floor	1		$0.00*	$0.00
	Pine 90 x 35 mgp10 (long lengths)	130	m	$1.00*	$130.00
	Pine 90 x 45 mgp10 (Long Lenghts)	120	m	$1.00*	$120.00
	Pine F5 90 x 45 studs 2.4 m long Studs Cut to mm	100	each	$1.00*	$100.00
	Pine F5 90 x 45 studs 2.7 m long Studs Cut to mm	45	each	$1.00*	$45.00
	Pine 90 x 45 mgp10 (Long Lenghts) studs over 2.7 80/3.0 25/3.3	322.5	m	$1.00*	$322.50
	90 x 45 KDHW F17 15/5.4 1/2.7 2/.9 9/3.0 22/2.4 8/3.0	189.3	m	$1.00*	$189.30
	140 X 45 KDHW F17 13/3.6 7/2.4 4/1.8	70.8	m	$1.00*	$70.80
	240 X 45 KDHW F17 alternate option / better to use E14 beams in leiu of F17 7/3.6 2/3.3 1/2.1 1/1.5 1/1.2 1/3.9	40.5	m	$1.00*	$40.50
	240 X 45 KDHW F17 Must be H2 treated 2/3.6 4/3.9	22.8	m	$1.00*	$22.80
	290 x 45 F17 KDHW 6/3.9 2/3.3 4/4.2 6/3.6 1/1.2 1/1.8	71.4	m	$1.00*	$71.40
	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\C10orda4.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 F5 90 x 45 Studs (2.4m Long) are required as per the purchase order. ☐

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

Answer If the materials in Q77 increased in cost to $2.75 each in lieu of $1.00 each the total cost of this material would be $275.00. ☐

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

Answer 13 sheets of ply are required including all sizes as per purchase order. ☐

Q80. What material has the highest total cost?

Answer The materials with the highest total cost as per purchase order is Pine 90 x 45 Studs 2.7m Long at $322.50. ☐

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

Answer 322.5 meters of Pine 90 x 45 Studs 2.7m Long are required. ☐

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

Answer E14 beams are identified as being a better option than F17 as per purchase order. ☐

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

	LABOUR BUILDING WORKS	Registered (for des trai
		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 The least expensive trade to contract is 17001 Asphalter (Road Construction) at $107.40 per house. ☐

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

Answer If the trade in Q83 were to be contracted for 2 hours of work it would cost $214.80. ☐

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

Answer The most expensive trade to contract is 17003 Bar Bender and Fixer at $214.30 per house. ☐

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

Answer If the trade in Q85 were to be contracted for 6 hours of work it would cost $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.

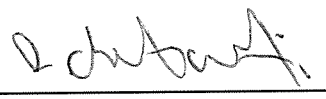
Answer The building legislation that should be referenced when readings plans and building contracts is the building code of Australia (BCA), which is contained in the National Construction Code (NCC). ☐

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: Rik Chetcuti

Participant signature: 

Date: 28/11/2020

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

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:	Rik Chetcuti
Name of observer:	Josh Casey
Role of observer (Confirm suitability to sign)	Estimating Manager
Email address of observer	josh@homesbycma.com.au
Signature of observer:	
Date:	30/11/2020

When completing the task, did the participant:	**Tick if satisfactorily completed. Provide comments if left unticked.** 1st Occasion	2nd 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

I can confirm that Rik is able to read and interpret plans at a satisfactory standard . He has been working with Homes by CMA for over 2 years now and I believe he has/can complete the above tasks on a regular basis at a satisfactory standard.