

CPCCBBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

ASSESSMENT SUMMARY

The assessment activities for *CPCCBBC4012B 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	UAA Darshika
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Theory Exam	☐ Satisfactory	☐ Not Yet Satisfactory
Practical Assessment	☐ Satisfactory	☐ Not Yet Satisfactory
	☐ Competent	☐ Not Yet Competent

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

CPCCBBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

THEORY EXAM INSTRUCTIONS

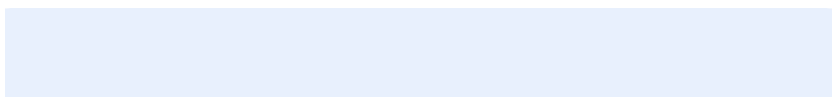
- This exam will occur under standard assessment conditions.
 - An oral examination may be allowed under certain circumstances, whereby the Participant's answers will be documented by a party other than the Participant. This must be acknowledged in writing (e.g. FT001 and Assessor Comments)
- Participants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

Participant signature Darshika

Date 02/02/2021

Assessor name Myles Walder

Assessor signature 

Date Click here to enter a date.

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

ASSESSOR COMMENTS

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

Answer

Choice	Possible Answers
X	<u>Building contracts</u>
X	<u>Development applications</u>
X	<u>Estimation</u>
X	<u>Planning</u>
X	<u>Supervisory tasks</u>
X	<u>Tenders</u>

☐

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

Answer

True north

☐

Q3. What information is provided on a location plan?

Answer

Shows a site on a particular street
A location plan details the:

- Lot number/s
- Deposit plan numbers
- North point
- Scale (usually 1:5000)

☐

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

Answer

Provides specific detail of the block on which a development is proposed

A Site or Block Plan is usually gives the following information:

- A datum - reference height to other site levels
- Building location and orientation to north point
- Outline of site boundaries showing location of proposed building and existing dwellings
- Street frontage names
- Major geological and topographical features (trees and vegetation)
- Datum points, contours and slopes
- Driveways, stormwater drainage, easements and right of carriage
- Soil and surface water drains, pipe sizes
- Service runs from the house to mains - utility services location (sewer, water, gas, electricity)
- Details of paving and retaining walls

☐

Q5. What do floor plans identify?

Answer

Floor plans: Shows detail of the proposed structure, such as rooms, positions of fixtures, floor coverings
floor plan it shows the size and thickness of structural members and relationships between spaces.



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

Answer

Landscape plan: Shows details of plants, paths, garden layouts and retaining walls.

A Landscape Plan is a plan of a site showing the footprint of a proposed development, existing vegetation to be retained, any existing vegetation to be removed, proposed vegetation to be planted and proposed built elements (such as pathways, driveways and courtyards).



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

Answer

An elevation is a view you see when standing in front of that wall. It may be multi-storey or single-storey.

Elevation views

View of the proposed structure from its sides (i.e. from north, south, east and west).

Each side is what is called an elevation view.

Elevations indicate:

- Finish to external walls and
- Size of windows, doors and balconies



Q8. What is a section?**Answer****Key features**

A section is a vertical view (slice) through the building. The direction of section lines or arrows is usually shown on the plan to help interpret the sectional view.

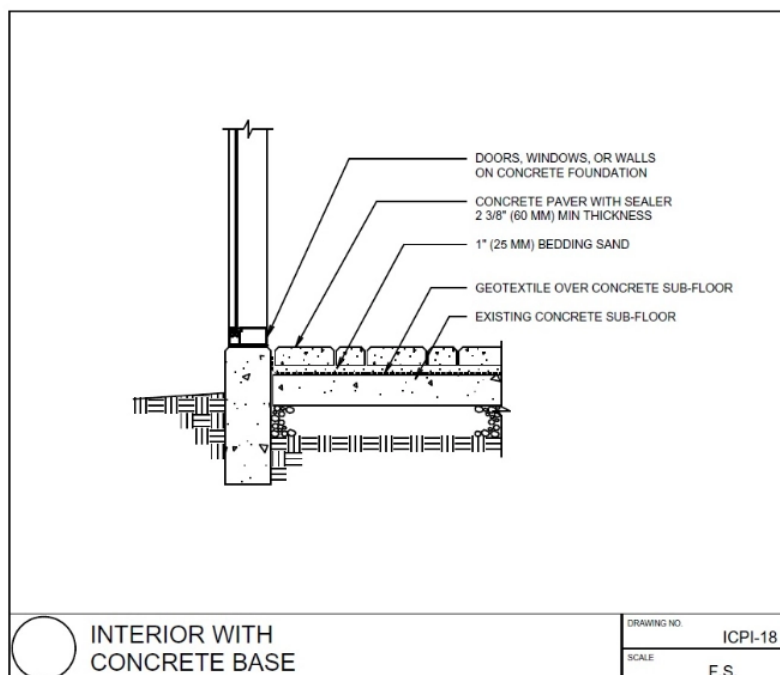
The section is a view of the house after it has been cut vertically at some point. Like the floor plan it shows the size and thickness of structural members and relationships between spaces.

For example, it shows the height from the ground to the floor, the height between the floor and the ceiling, and how the roof is to be constructed.

Q9. What are detailed drawings?**Answer**

Detail drawings provide a detailed description of the geometric form of a part of an object such as a building, bridge, tunnel, machine, plant, and so on. They tend to be large-scale drawings that show in detail parts that may be included in less detail on general arrangement drawings.

Detailed plans: Illustrate a particular method of construction or finish.



Q10. What are specifications?

Answer

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



Specifications set out the minimum standards or codes required for all structural components and provide details of building materials and fittings, such as:

- Windows, frame material and type of glass
- Doors, size, material and the swing on the door
- Finishes/colours to walls, floors and ceilings
- Door types and models of locks, latches, hinges, push plates and pull handles

General items contained within Building Specifications include a:

- Full description of work
- Precise list of materials
- Details of all fittings, fixtures and finishes (appliances – make and model)
- Precise list of products (e.g. types, brands, grades, thickness, colour, model)

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

Answer

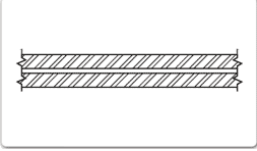
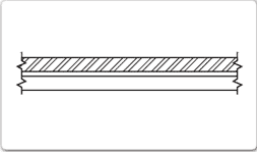
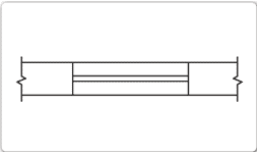
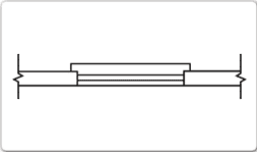
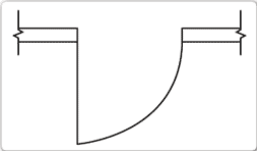
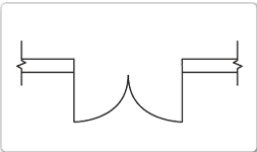
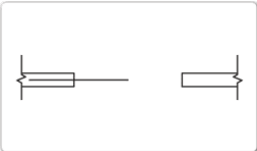
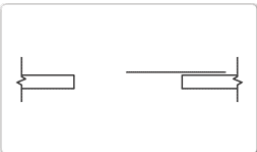
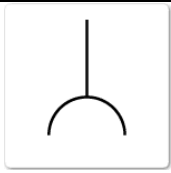
Abbreviation	Meaning
ACRYL	Acrylic
AS	Australian Standard
ASSD	Assumed Datum
B	Basin
BN	Bull Nose
BTH	Bath
BWK	Brickwork
CB	Concrete block
CF	Concrete floor
CG	Clear glass
CJ	Ceiling joist
CORR	Corrugated
CWT	Cold water tank
DG	Double glazing
DH	Double hung
DPC	Damp proof course
DSB	Distribn. switchboard
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.

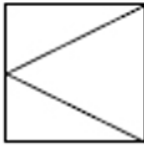
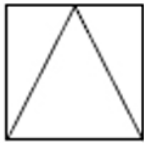
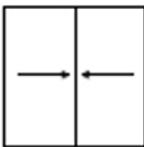
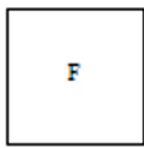
Answer



Name	Image
	
	
	
Pivoted window	
Vented window	
Door	
French door	
Pocket door	
Sliding door	
Substation/Power socket	

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

On plans, revisions or amendments are represented by a clouded 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
☒	<u>Materials or products used</u>
☒	<u>Methods of carrying out specified work</u>



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 ☐

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?

Lot 16

Q21. What is the size of this lot?

3653m2

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.

☐	True
☒	False

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

☒	True
☐	False

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

Answer

5m

☐

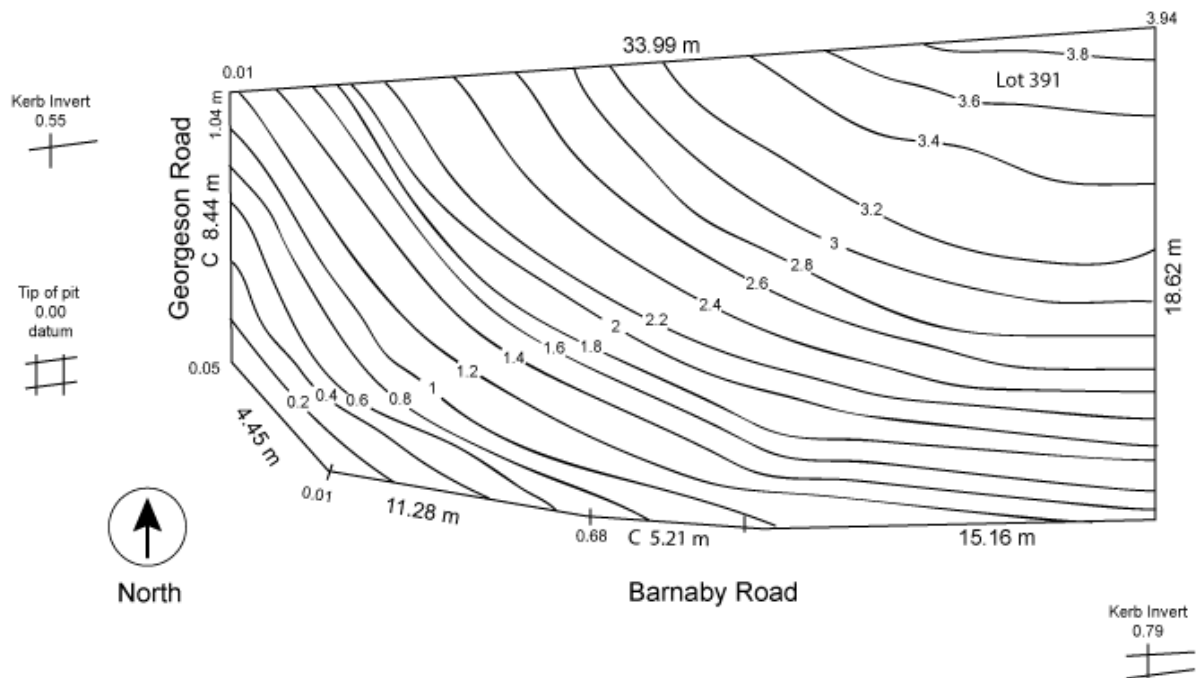
Q26. True or False (Tick your response): The stormwater drain is constructed from PVC pipe.

Answer

X	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

☐

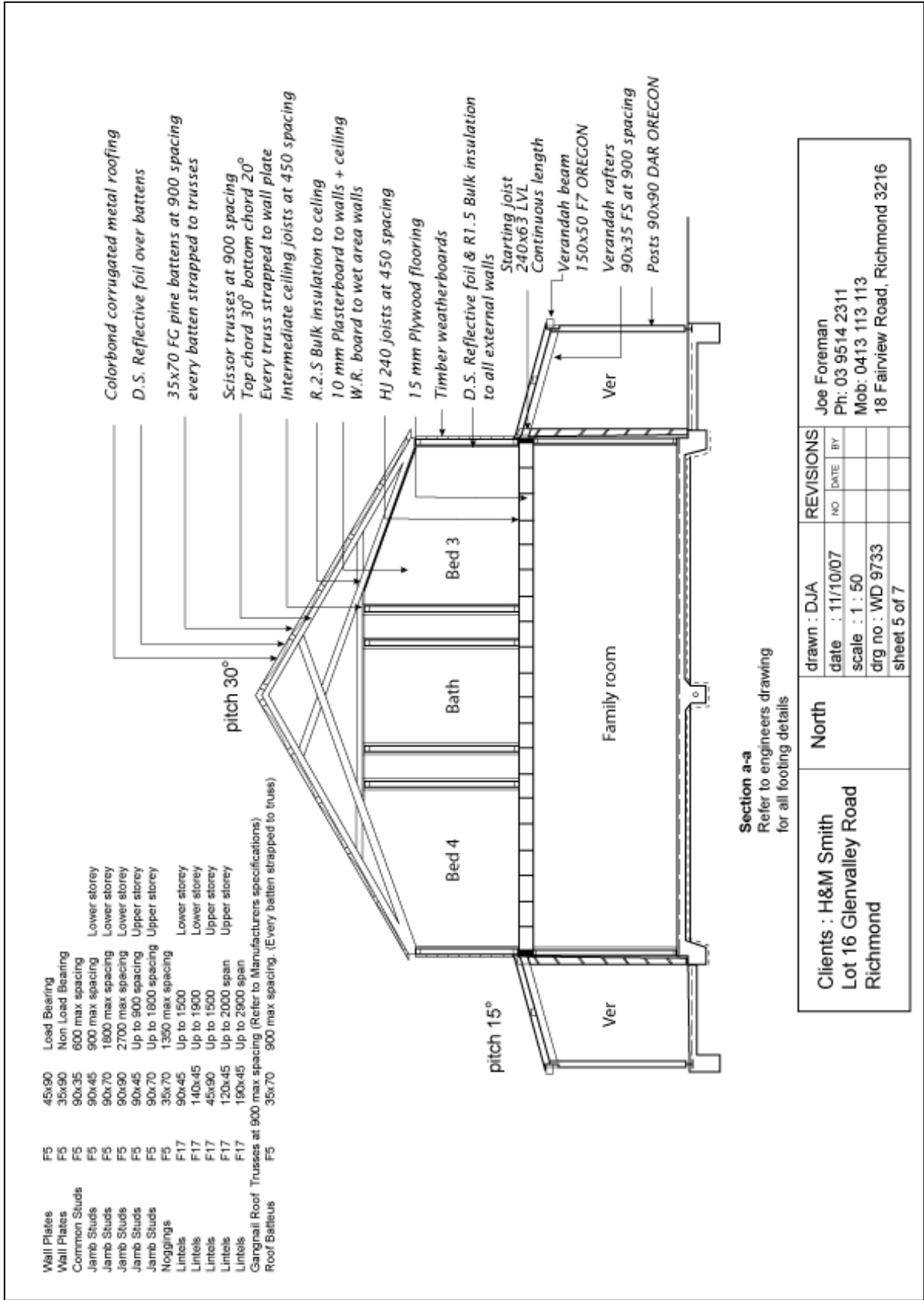
Q28. Which end of the site has the lowest level? Tick your response.

Answer

Choice	Possible Answers
☐	East
X	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

This is a section detail of structure proposed in Q19. to Q26.
This indicates a section through the entire building.
It shows the size and thickness of structural members.
Following details indicate in this section:

- Position of bed, bath, verandah and family room
- Roof detail including roof materials, size of battens, spacing of trusses and joists, roof pitch
- About ceiling and wall material details
- Floor material and spacing details
- Size of wall plates, size and spacing of common studs, jamb studs, size and span of lintels, size and spacing of roof battens

☐

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

☐

Q33. What sheet number is this drawing?

Answer

Sheet 5

☐

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

Answer

Timber weatherboards

☐

Q35. What spacing is recommended for common studs?

Answer 600mm max spacing ☐

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

Answer Scissor truss
Gangnail roof trusses ☐

Q37. What centres are the trusses positioned at?

Answer Wall plate ☐

Q38. What size are the veranda posts?

Answer 90mm x 90mm ☐

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

Answer DAR OREGON ☐

Q40. What pitch is the roof?

Answer Pitch 30 degrees, pitch 15 degrees for verandah ☐

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

Answer 35mm x 70mm - 1350mm max spacing ☐

Q42. What size are the ceiling joists?

Answer at 450mm spacing ☐

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

Answer ☐

Q44. What thickness is the plasterboard sheeting?

Answer ☐

Q45. What type of flooring is to be installed?

Answer ☐

Q46. What is the roof cladding material?

Answer ☐

Q47. Where will you find information about the footings?

Answer ☐

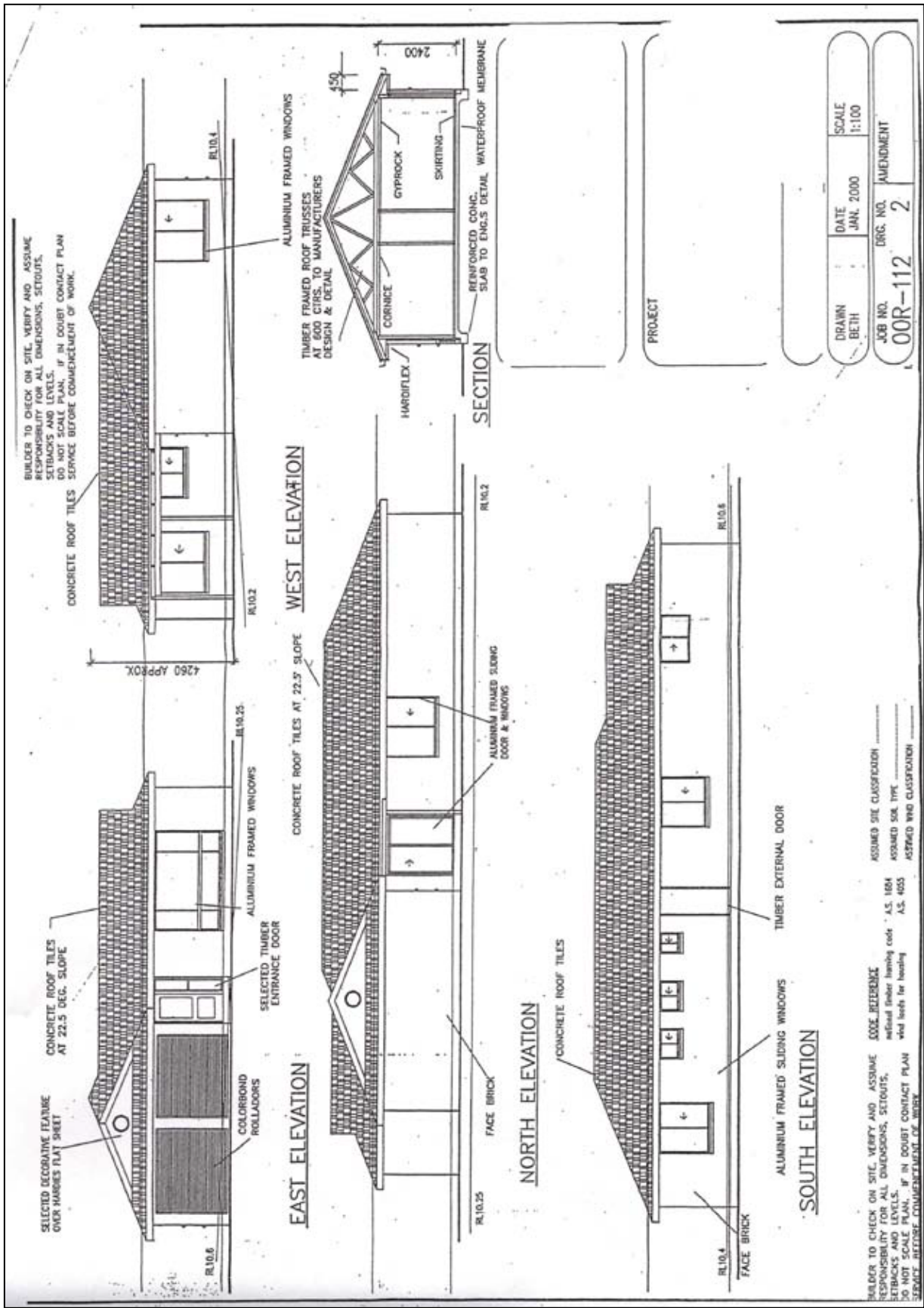
Q48. What do the letters 'DAR' refer when timber ordering?

Answer ☐

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

Answer ☐

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

City council



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

Answer

All Class 1a buildings need building approval.

You can arrange for building approval of your new house through a building certifier. You must give the certifier scaled and detailed plans prepared by a draftsman or architect.

Your certifier can seek a relaxation of some building requirements (e.g. minimum distances from side boundaries). This is a request to Council for a Building Work Referral Agency Response for consideration of the design and siting provisions of the Queensland Development Code (QDC).

DA process can take anywhere between 2 weeks and 4 months in accordance with the statutory timeframes.



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

Answer

A PC item is:

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

For example if a client selects a more expensive door than allowed by the PC item, say a \$500 door compared with a \$440 PC amount, a variation will be required to cover the additional \$60. If the PC item varies, so will the final contract sum.



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

Answer

A provisional sum is:

- An amount of money included in contract sum to cover work and/or materials, not detailed when entering the contract
- Typically builders will include a PS for site work costs
- The builder is legally required to take reasonable steps to ensure an accurate site works cost estimate but unforeseen events mean that the provisional sum is exceeded which is added to the contract sum

For example a building site may seem sandy and clean with minimal siteworks required, however, there may be large limestone rocks/tree trunks concealed below the surface which only emerge once siteworks commence, causing cost overrun.



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 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%



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

☒ X	☒ 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

☒ X	☒ 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 A.B.N. 36089592003 info@organizedbuilders.com.au P.O. Box 5280 Frankston South 3199 0413 770 956	Page 1 of 2 7 October 2011
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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 <table style="width: 100%;"> <tr> <td style="width: 50%;">Supervisor</td> <td style="width: 50%;">Builder</td> </tr> <tr> <td>Job Type</td> <td>Two Storey</td> </tr> </table>	Supervisor	Builder	Job Type	Two Storey
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 2/1.9 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	22.8	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

c:\2011 Databuild www.databuild.com.au 2 - 35 C:\Program Files (x86)\Databuild\reports\CI10orde4.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

\$10,275.00

☐

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(long lengths)

☐

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 desig trade)
BUILDING WORKS		Skilled Worker
<i>Per hour</i>		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 ☐

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

Answer ☐

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

Answer ☐

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

Answer ☐

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

Answer ☐

CPCBC4012B

READ AND INTERPRET PLANS AND SPECIFICATIONS

PRACTICAL ASSESSMENT INSTRUCTIONS

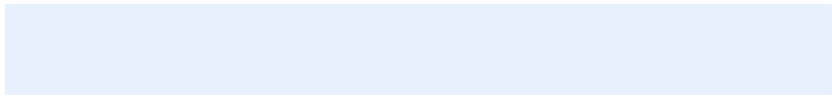
- The following practical assessment will require the Participant to complete work related activities.
- The Assessor will conduct observations of the Participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below – providing your name,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

Participant signature Darshika

Date 02/02/2021

Assessor name Myles Walder

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:	UAA Darshika	
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

