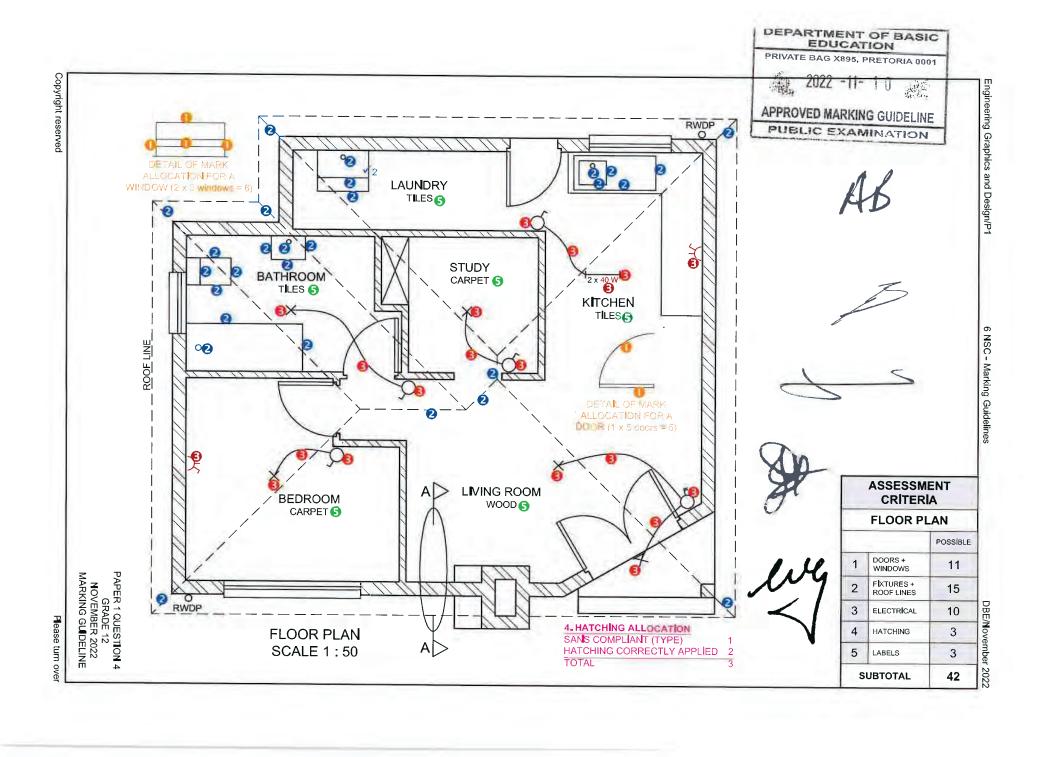
SA-STUDENT

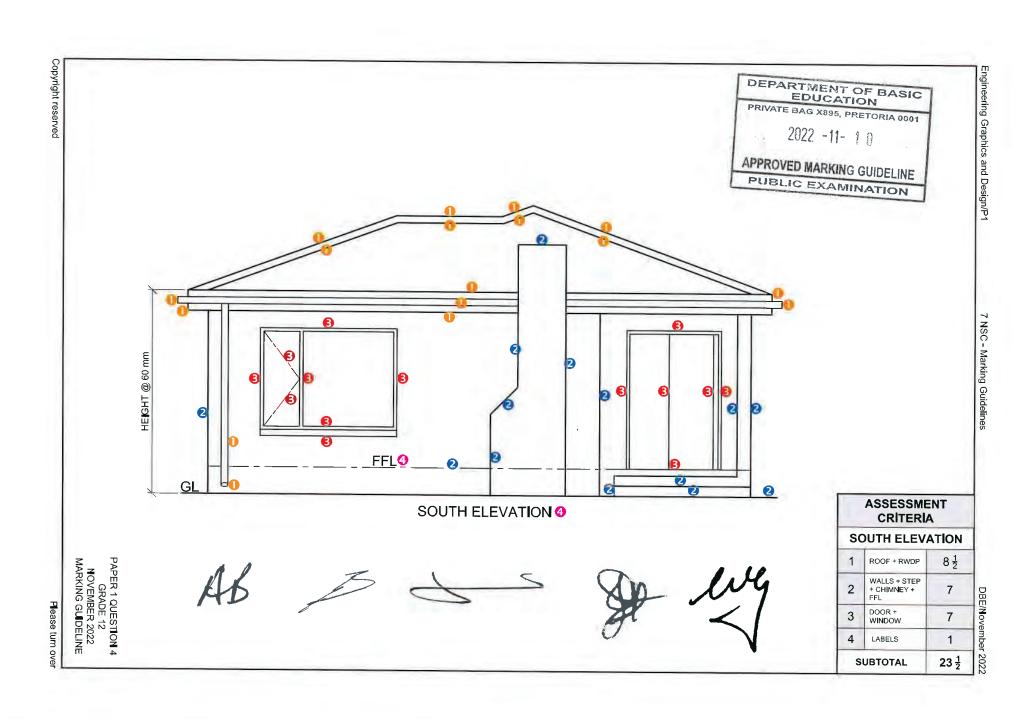
To pass high school please visit us at: https://sa-student.com/

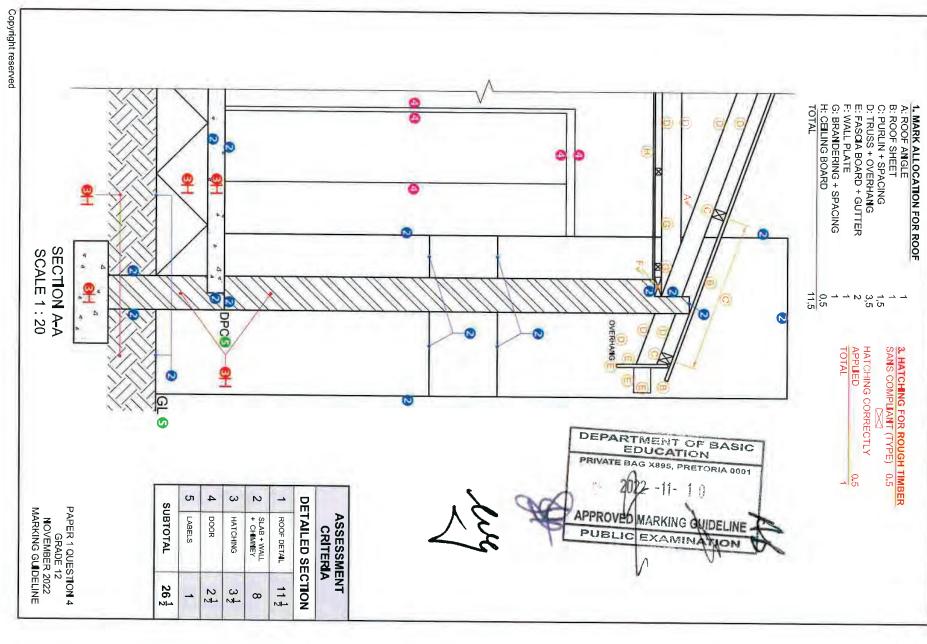
If it's your job to eat a frog, it's best to do it first thing in the morning.

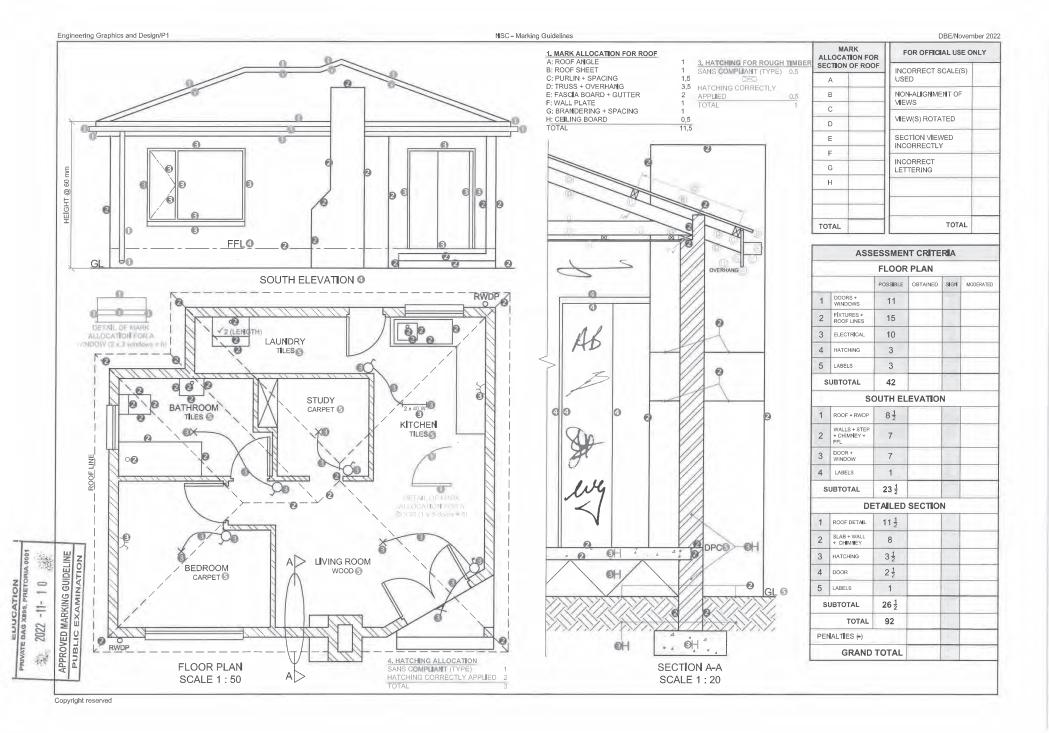
And If it's your job to eat two frogs, it's best to eat the biggest one first.

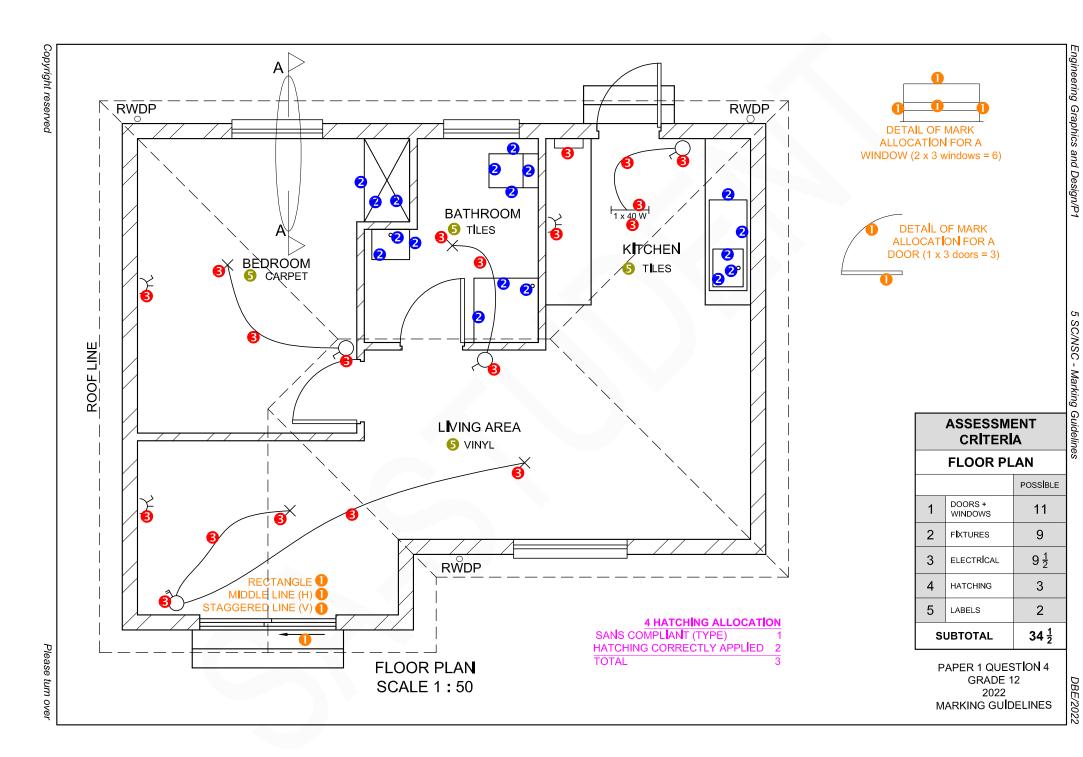












PAPER 1 QUESTION 4 GRADE 12 2022 MARKING GUIDELINES Engineering Graphics and Design/P1

6 SC/NSC - Marking Guidelines

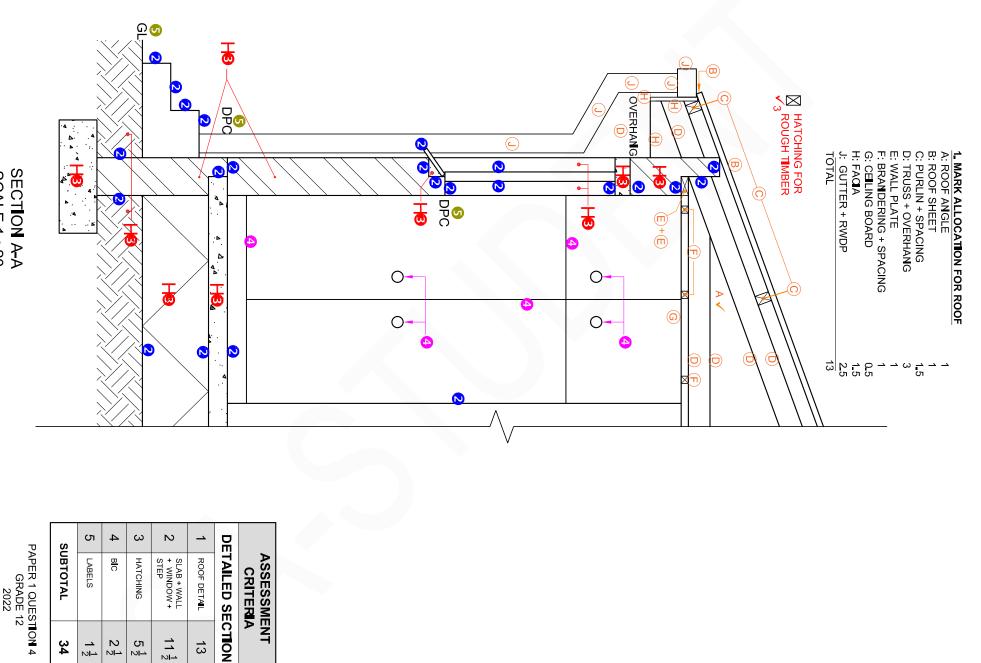
 $9\frac{1}{2}$

 $4\frac{1}{2}$

 $8\frac{1}{2}$

1

Please turn over



Copyright reserved

SCALE 1:20

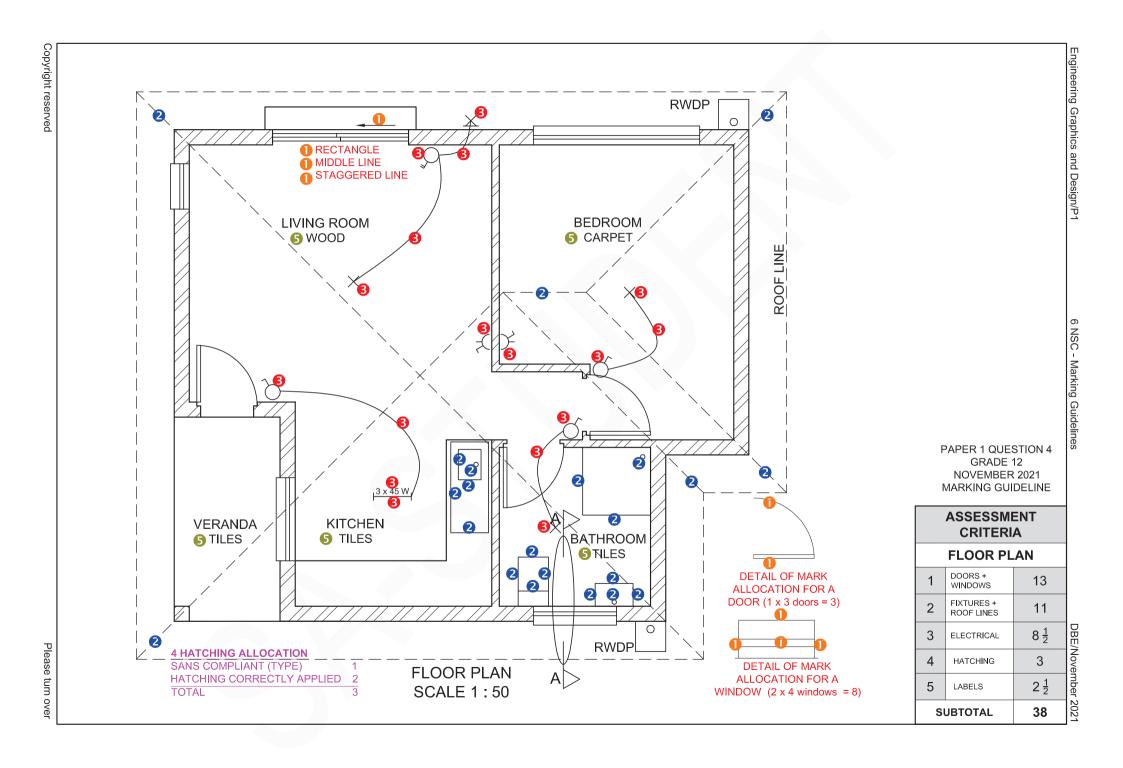
MARKING GUIDELINES

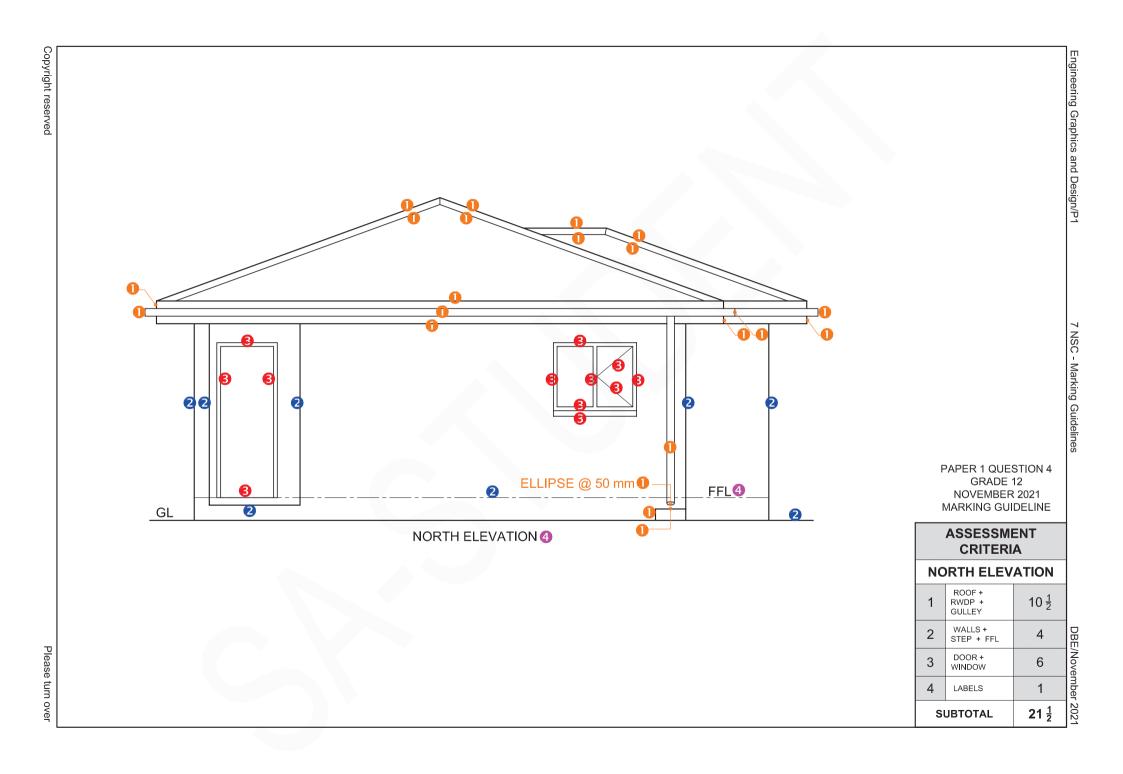
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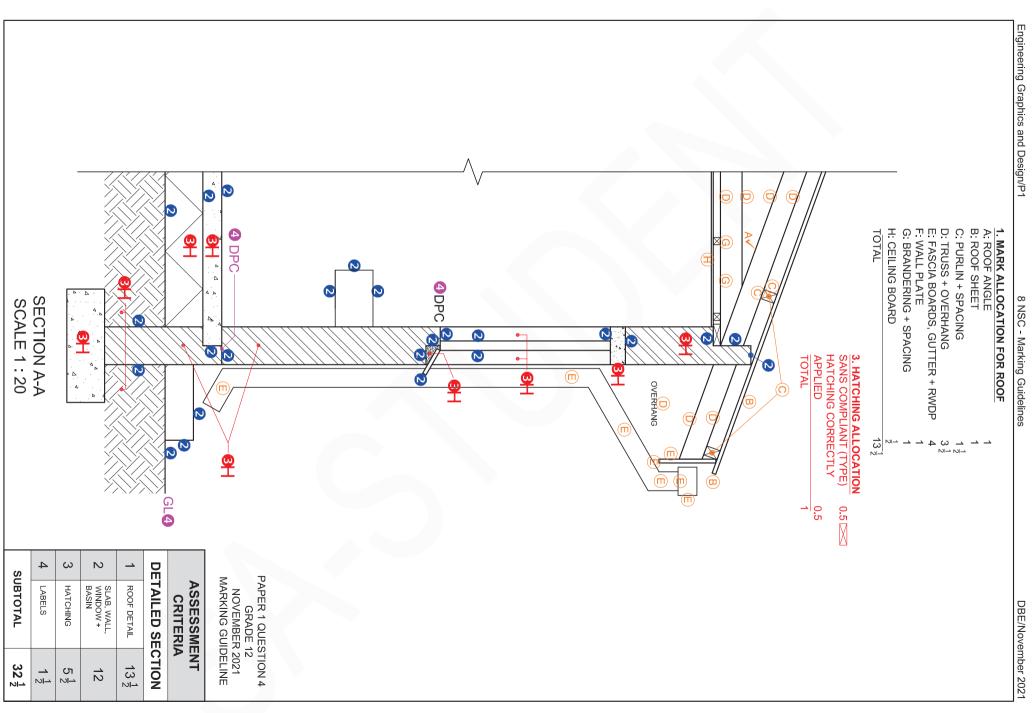
3

21 5 <u>1</u>

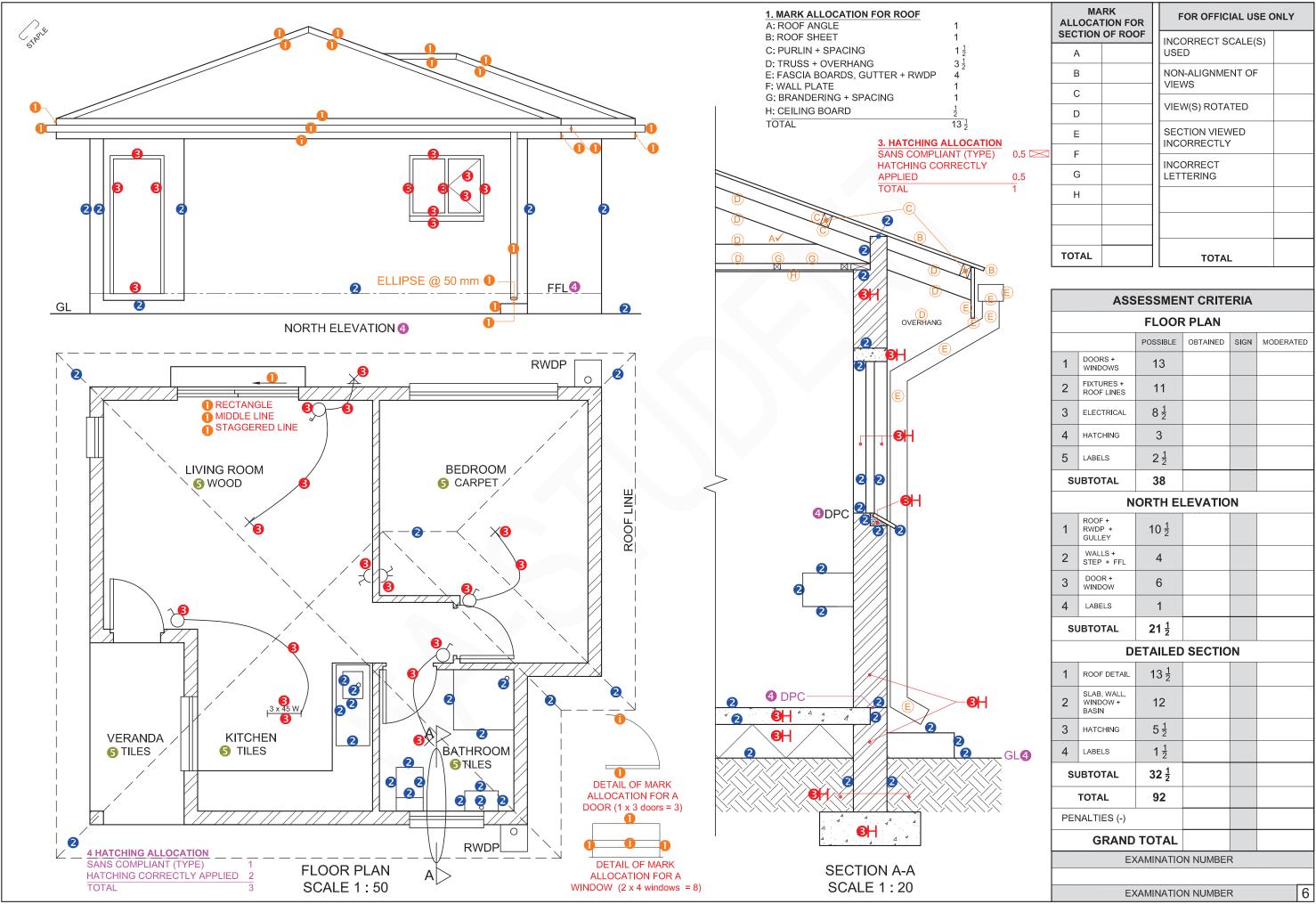
34 <u>-</u> 21-1



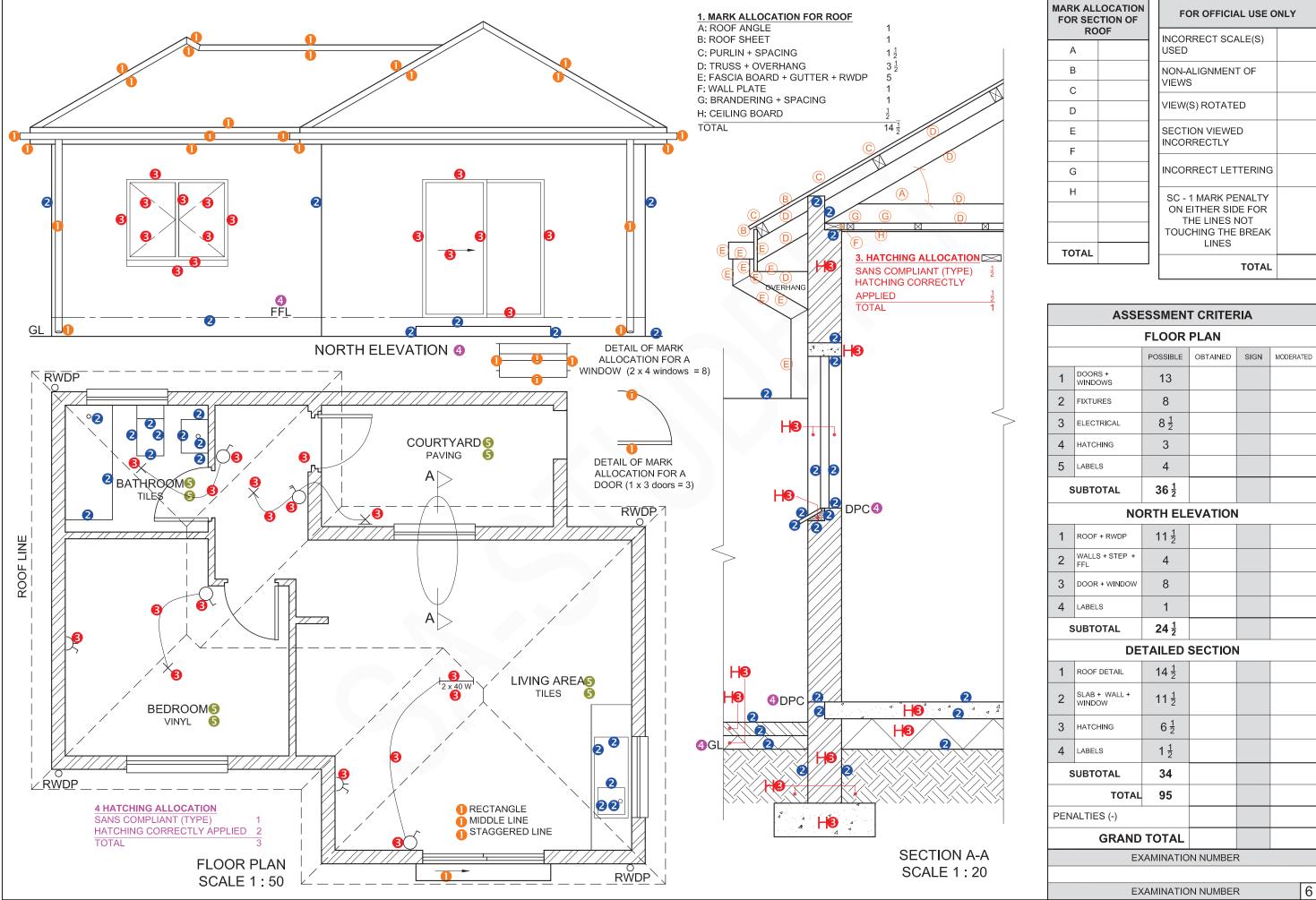


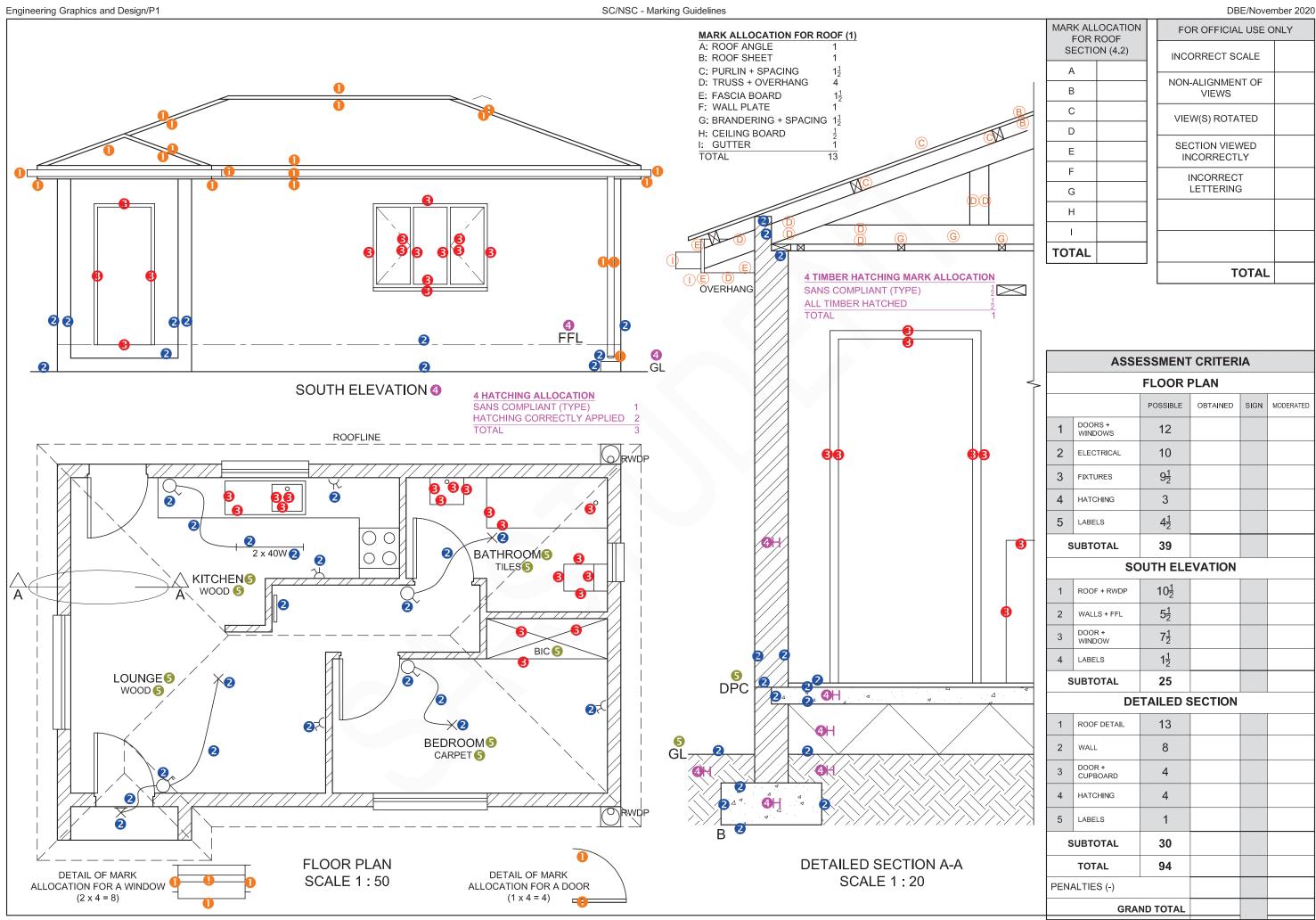


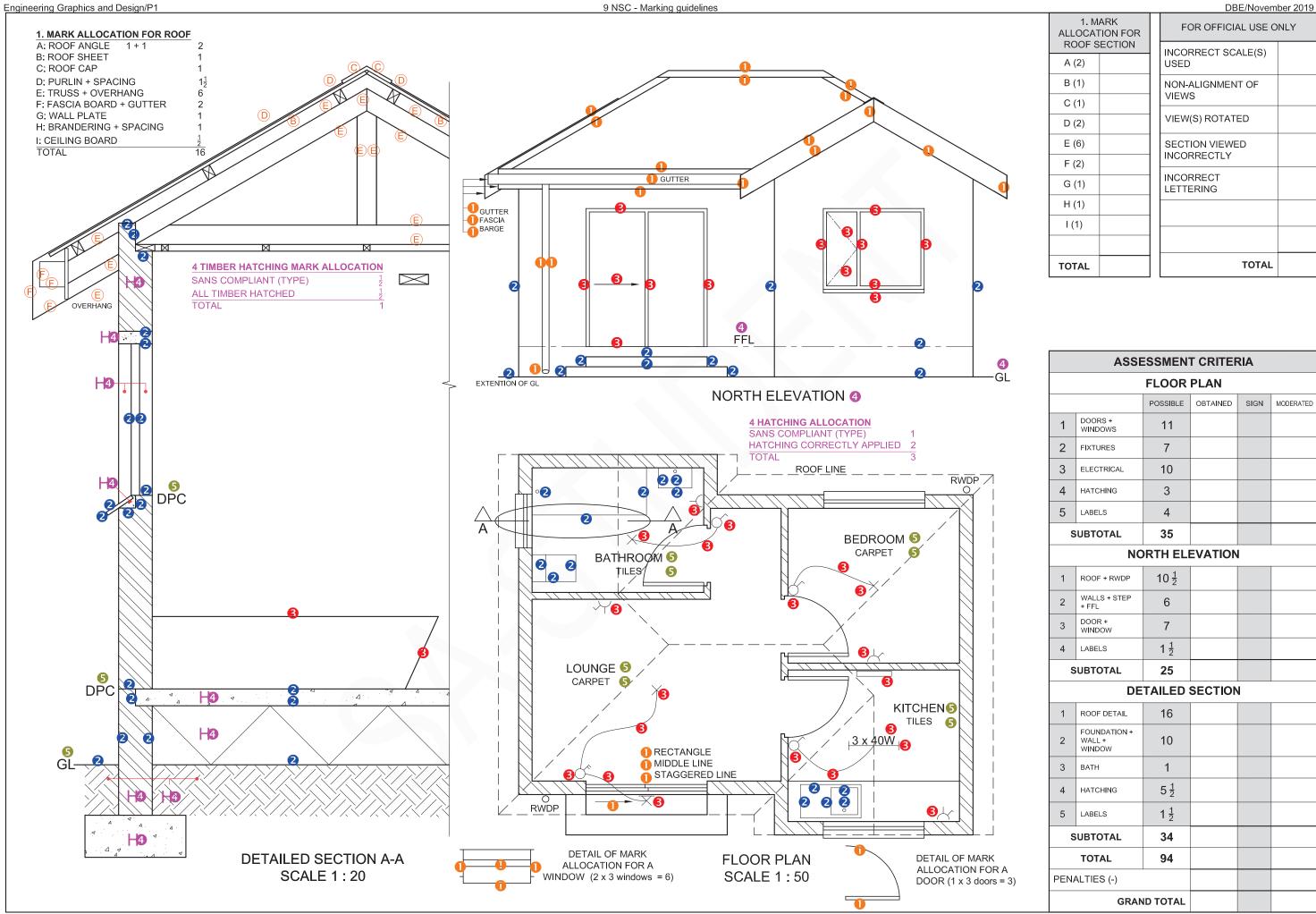
Engineering Graphics and Design/P1 NSC - Marking Guideline DBE/November 2021



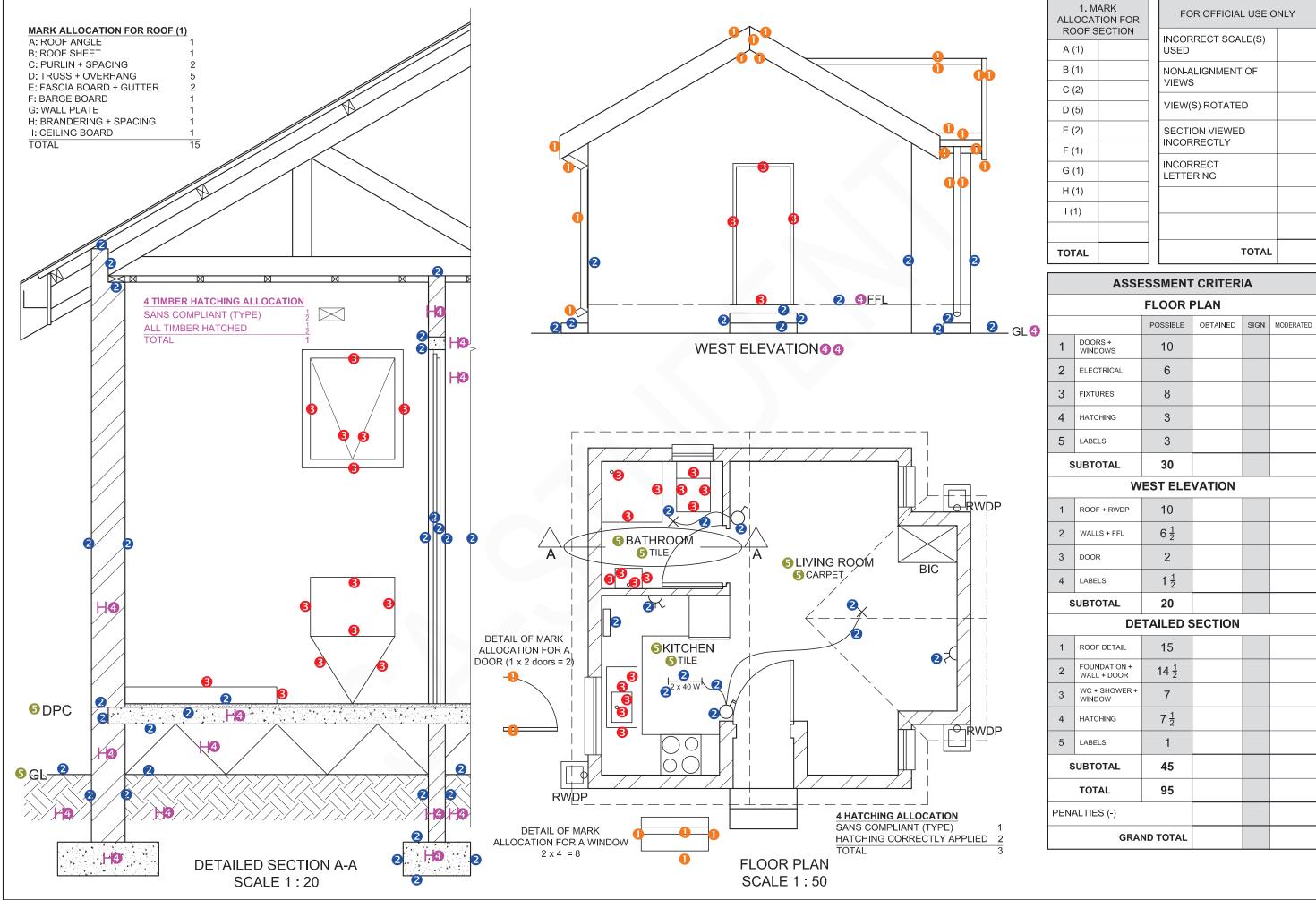
Engineering Graphics and Design/P1 SC/NSC - Marking Guidelines DBE/2021



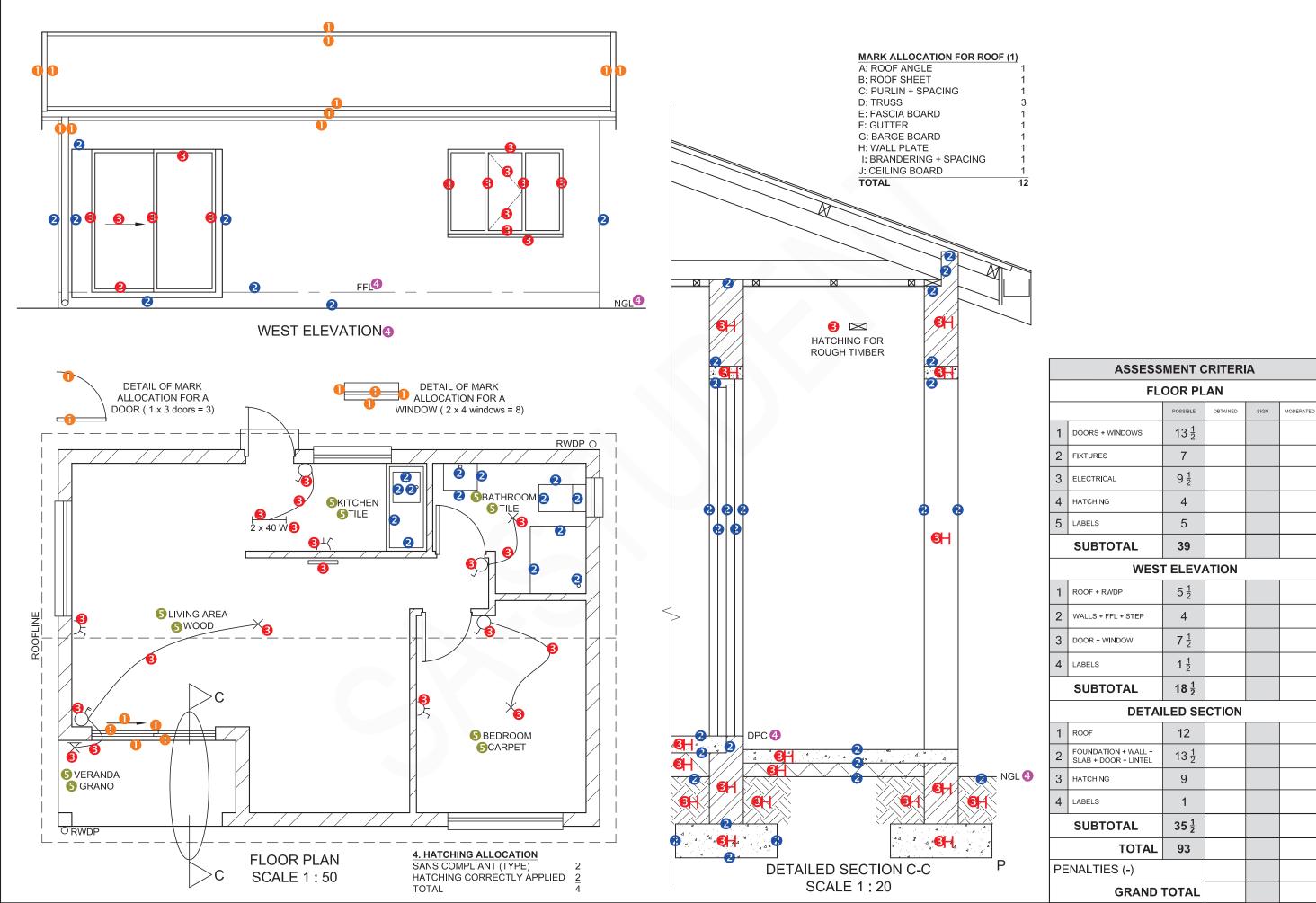




Engineering Graphics and Design/P1 SC/NSC - Marking guidelines DBE/2019



Engineering Graphics and Design/P1 NSC - Marking Guideline DBE/November 2018



Downloaded From: https://sa-student.com/ Engineering Graphics and Design/P1 SCE - Marking guidelines DBE/2018 1. MARK 1. MARK ALLOCATION FOR ROOF FOR OFFICIAL USE ONLY ALLOCATION FOR A: ROOF ANGLE ROOF SECTION B: ROOF SHEET INCORRECT SCALE(S) C: PURLIN + SPACING USED D: TRUSS A (1) NON-ALIGNMENT OF E: FASCIA BOARD + GUTTER B (1) **VIEWS** F: BARGE BOARD G: WALL PLATE C (2) VIEW(S) ROTATED H: BRANDERING + SPACING I: CEILING BOARD D (3) SECTION VIEWED TOTAL INCORRECTLY E (2) INCORRECT F (1) LETTERING G (1) H (1) I (1) **TOTAL TOTAL ASSESSMENT CRITERIA** GL4 M ✓ 5 HATCHING FOR ROUGH TIMBER GH SOUTH EAST ELEVATION⁴ **FLOOR PLAN** 1 DOORS + WINDOWS 11 RWDP 2 FIXTURES 7 $10^{\frac{1}{2}}$ 3 ELECTRICAL 2 4 HATCHING 4 $4\frac{1}{2}$ 5 LABELS **SUBTOTAL** 37 HOBBY ROOM 6 TILE 6 **SOUTH EAST ELEVATION** 1 ROOF + RWDP $9\frac{1}{2}$ BATHROOM 6 TILE 6 2 WALLS + FFL + STEPS $4\frac{1}{2}$ 3 DOOR + WINDOW 8 $1\frac{1}{2}$ 4 LABELS $23\frac{1}{2}$ ROOF LINE **SUBTOTAL DETAILED SECTION** 2 x 40 W **6** DPC 1 ROOF DETAIL 13 **2 a** 2 FOUNDATION + WALL + SLAB Δ Δ Δ 7 3 WINDOW + SILL $3\frac{1}{2}$ $3\frac{1}{2}$ 4 FIXTURES BEDROOM 5 5 HATCHING 6 LIVING AREA 6 CARPET 6 CARPET 6 $1\frac{1}{2}$ 6 LABELS **SUBTOTAL** $34\frac{1}{2}$ 95 **TOTAL** DETAIL OF MARK SECTION A - A PENALTIES (-) ALLOCATION FOR A

RWDP

0

WINDOW (2×3 windows = 6)

4. HATCHING ALLOCATION

HATCHING CORRECTLY APPLIED

SANS COMPLIANT (TYPE)

DETAIL OF MARK

ALLOCATION FOR A

DOOR ($1 \times 3 \text{ doors} = 3$)

FLOOR PLAN

SCALE 1:50

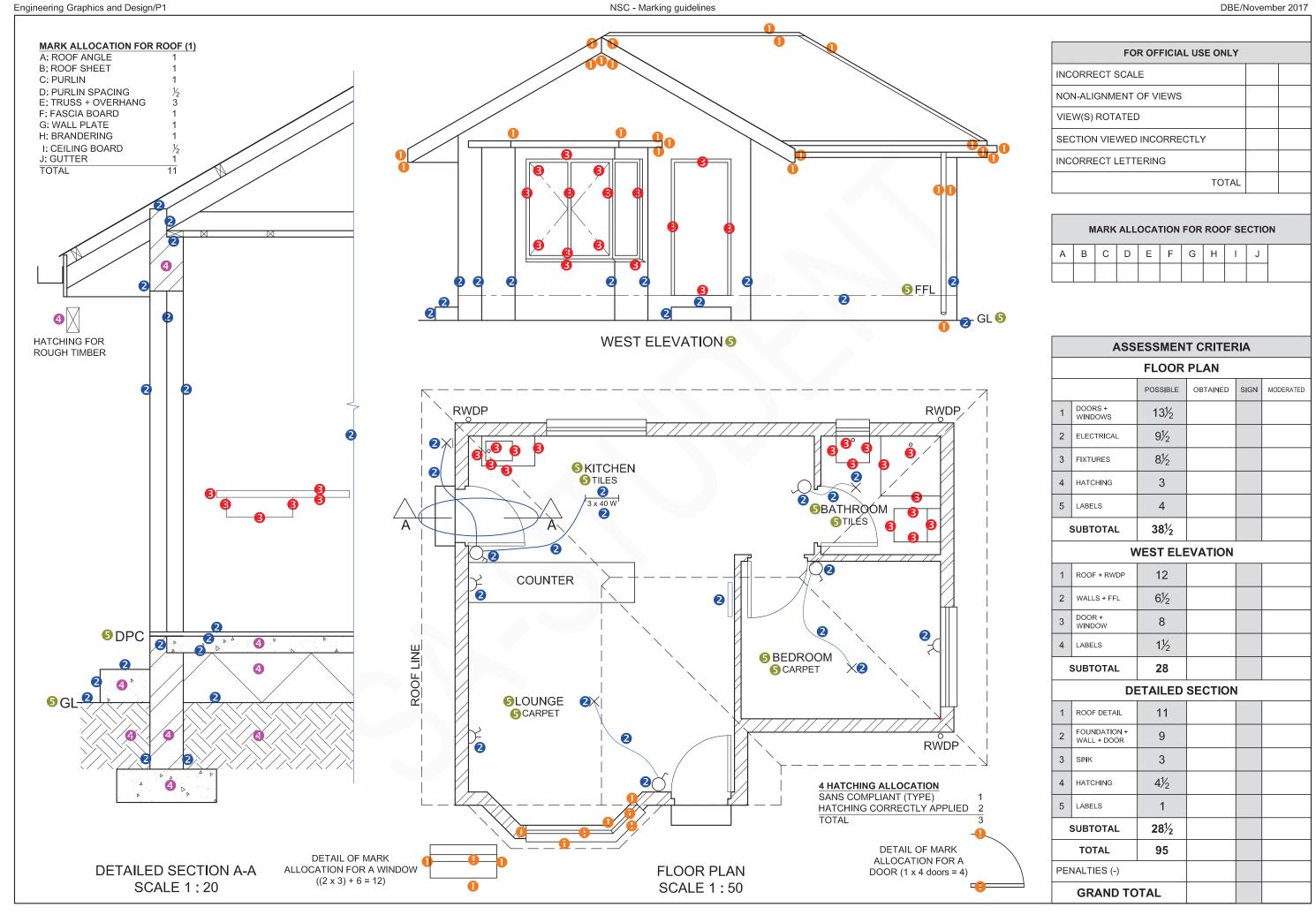
SCALE 1:20

GRAND TOTAL

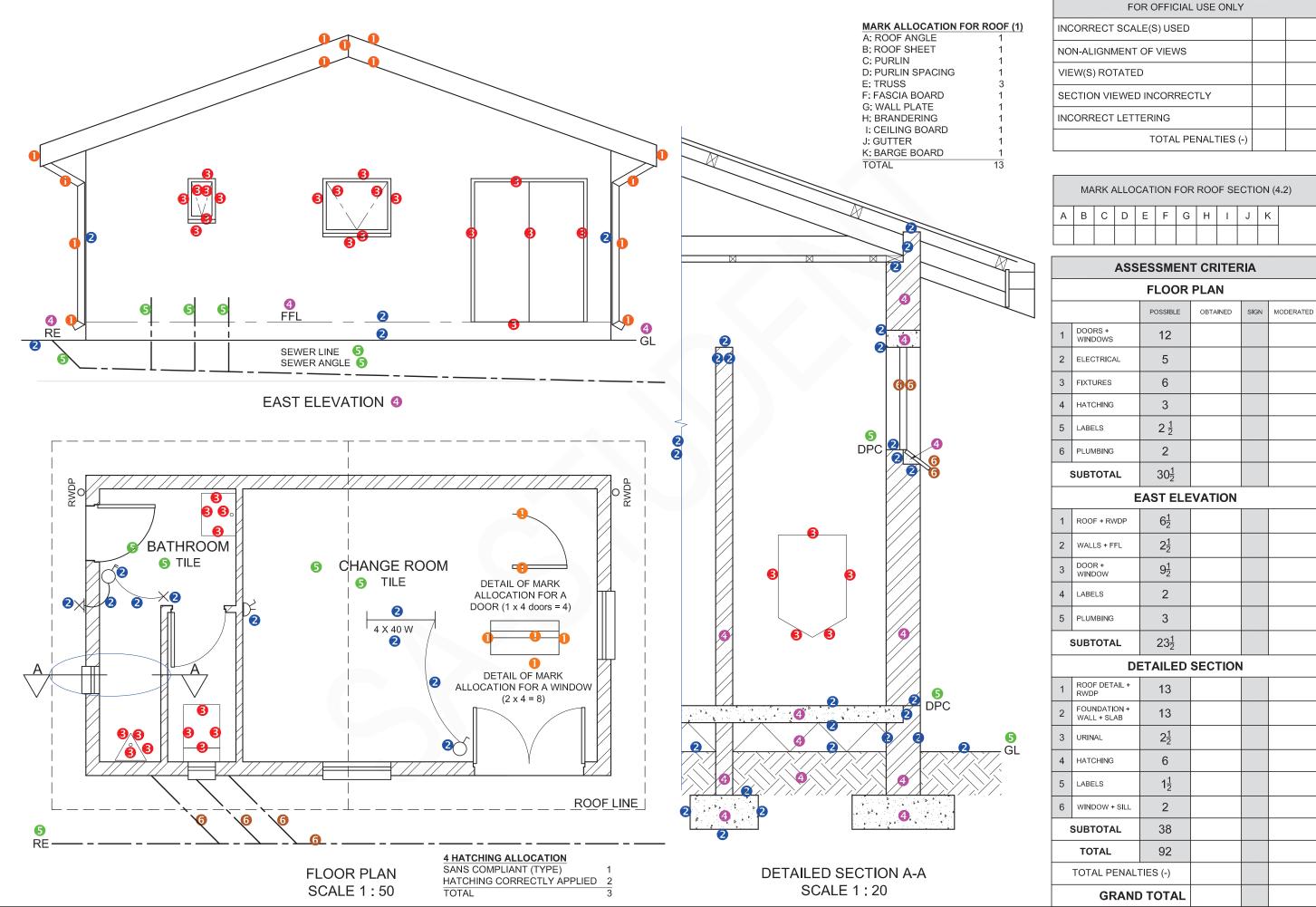
EXAMINATION NUMBER

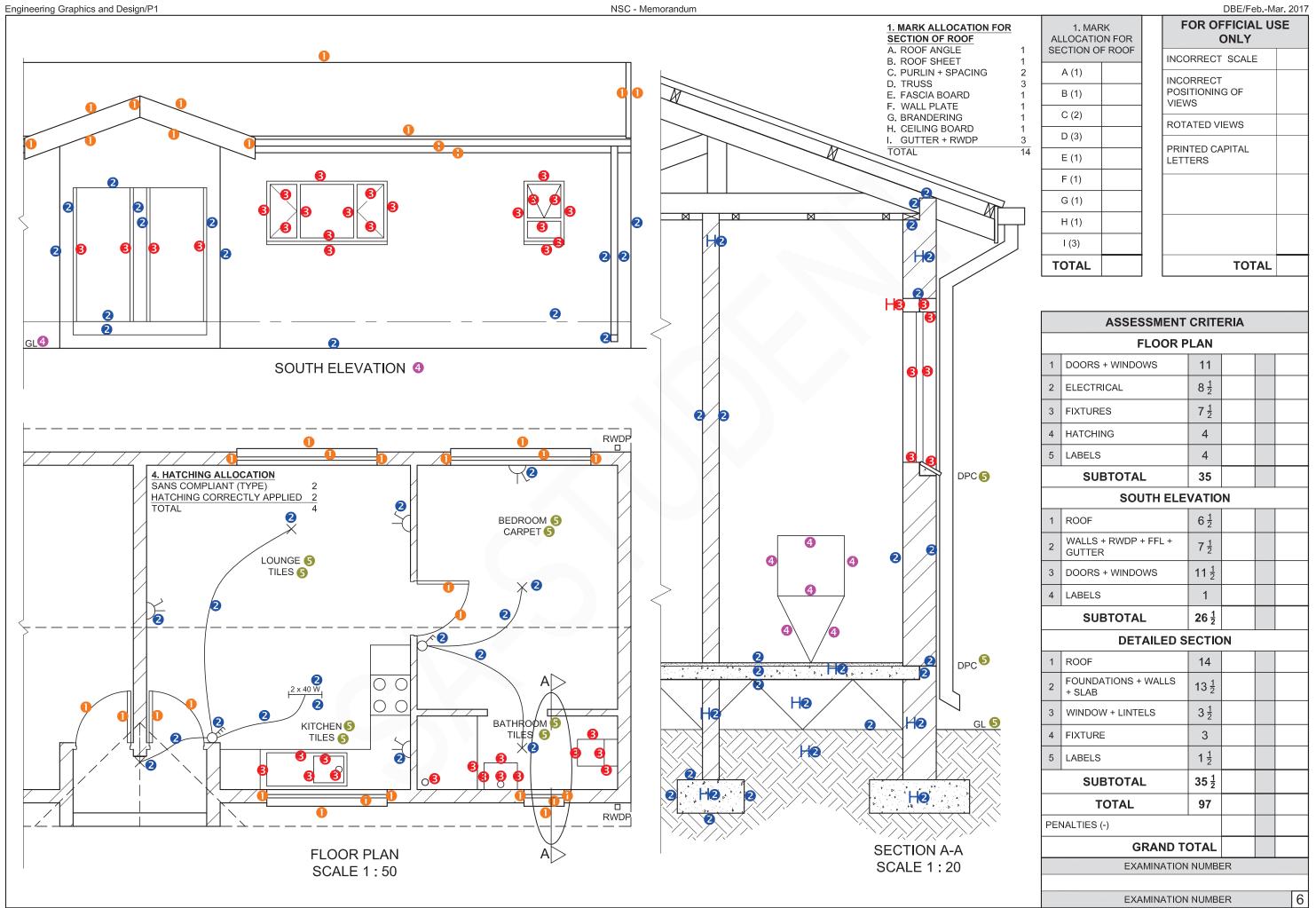
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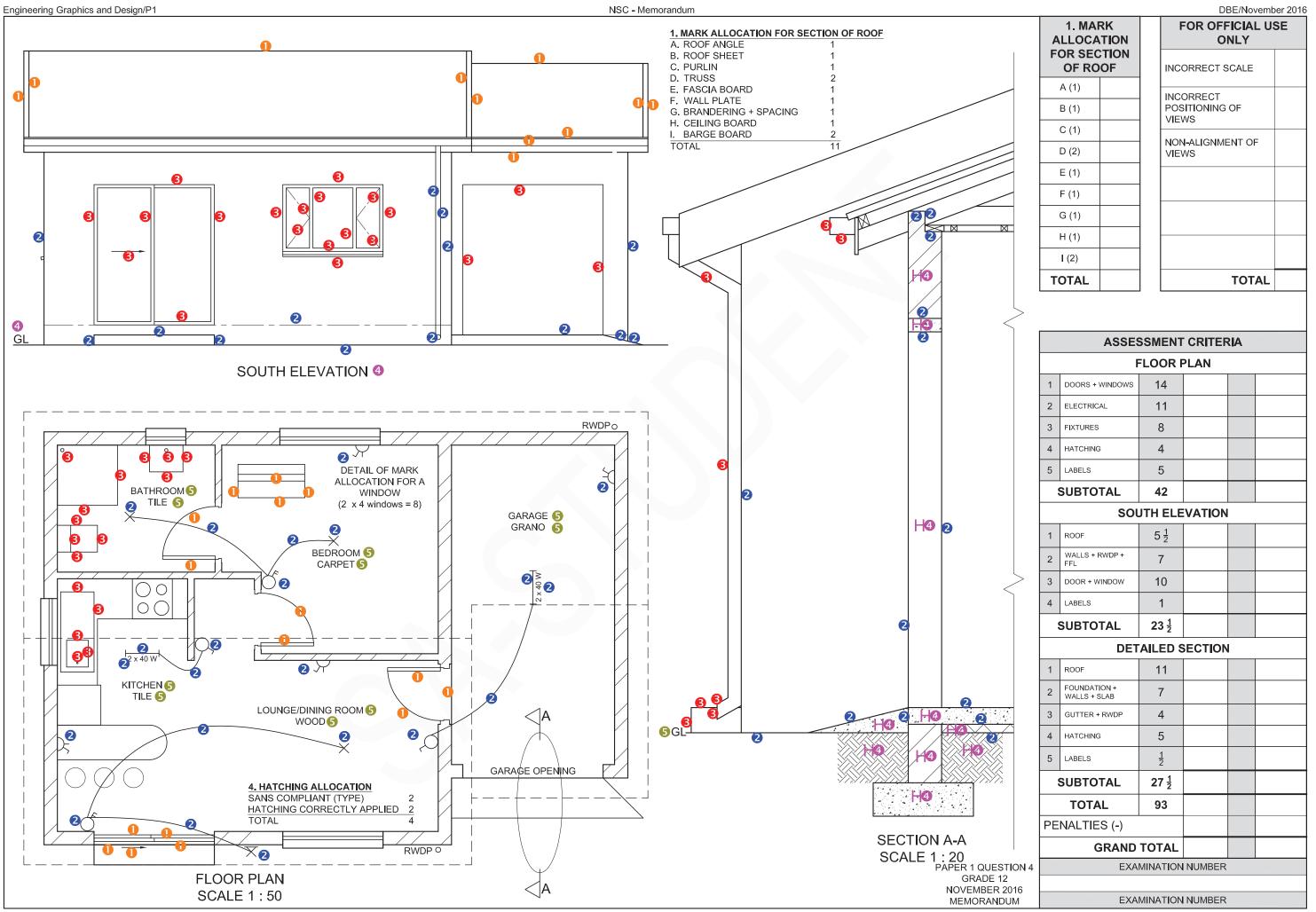
6

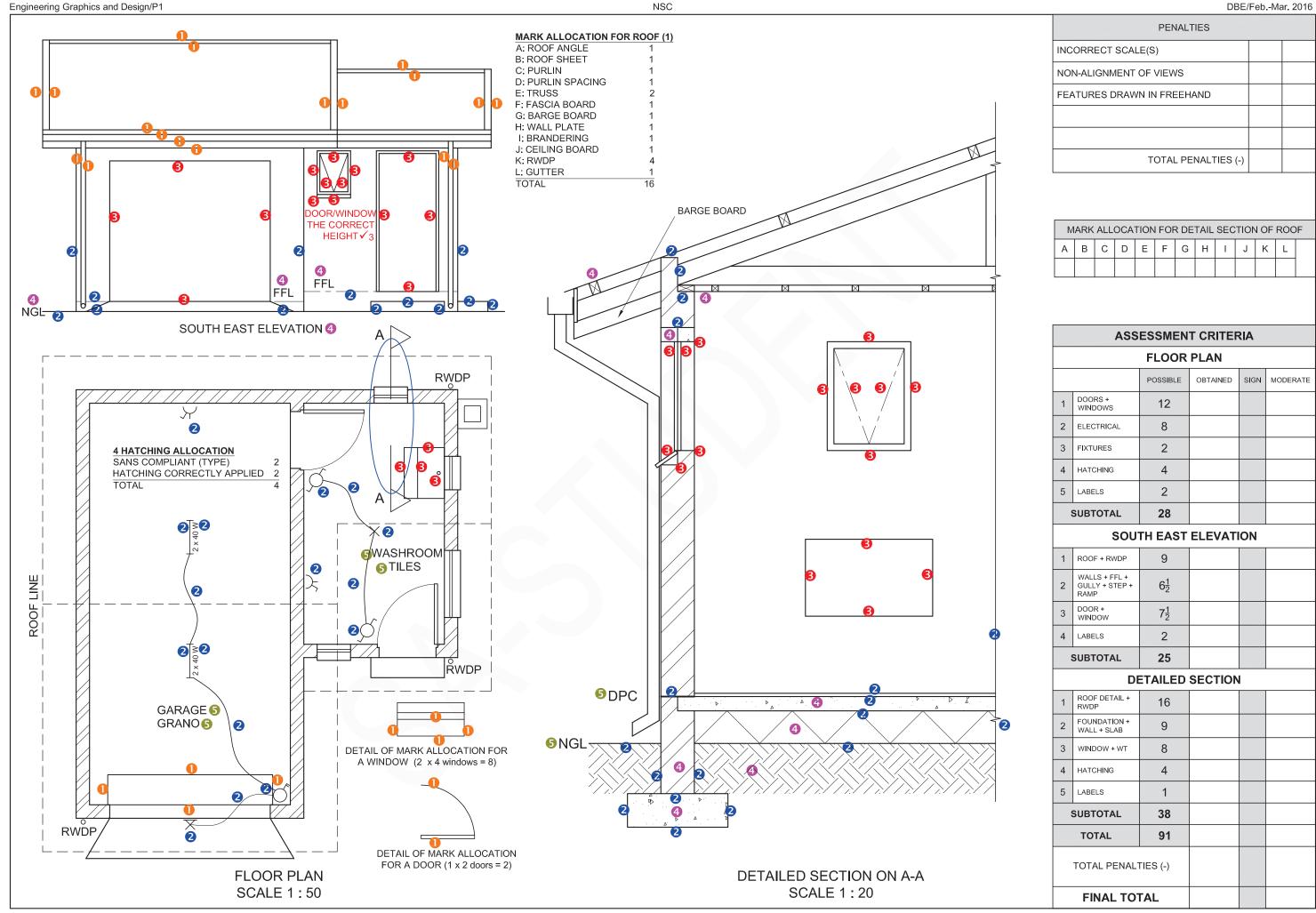


Engineering Graphics and Design/P1 SCE - Marking guidelines DBE/2017









Downloaded From: https://sa-student.com/ NSC Engineering Graphics and Design/P1 DBE/November 2015 1. MARK ALLOCATION FOR ROOF A: ROOF ANGLE B: ROOF SHEET ROOF HEIGHT **1** C: PURLIN D: PURLIN SPACING E: TRUSS F: FASCIA BOARD G: WALL PLATE H: BRANDERING I: CEILING BOARD J: GUTTER DETAIL OF MARK ALLOCATION TOTAL FOR A DOOR $(1 \times 5 \text{ doors} = 5)$ **ASSESSMENT CRITERIA 4** GL PLAN POSSIBLE **NORTH ELEVATION ROOF LINE** DOORS + WINDOWS 15 RWDP (9 ELECTRICAL FIXTURES 4 2 ROOM 1 5 ROOM 2 5 HATCHING 4 CARPET (5) CARPET 6 5 LABELS 5 37 SUBTOTAL 2 2 **NORTH ELEVATION** 8½ ROOF WALLS + RWDP + FFL + GULLY $6\frac{1}{2}$ DOOR + 3 6 WINDOW $1\frac{1}{2}$ LABELS TOILET SUBTOTAL $22\frac{1}{2}$ 5 GL 2 2 TILES 6 **RECEPTION DETAILED SECTION** 4 TILES 5 ROOF DETAIL 11 ROOM 3 5 FOUNDATION + CARPET 5 WALL + RWDP + GULLEY + LINE BREAK 11 WINDOW + WC + WB $9\frac{1}{2}$ RWPP HATCHING 4

DETAIL OF MARK ALLOCATION FOR

A WINDOW (2 \times 5 windows = 10)

4. HATCHING ALLOCATION SANS COMPLIANT (TYPE)

TOTAL

HATCHING CORRECTLY APPLIED 2

PLAN

SCALE 1:50

LABELS

SUBTOTAL

TOTAL

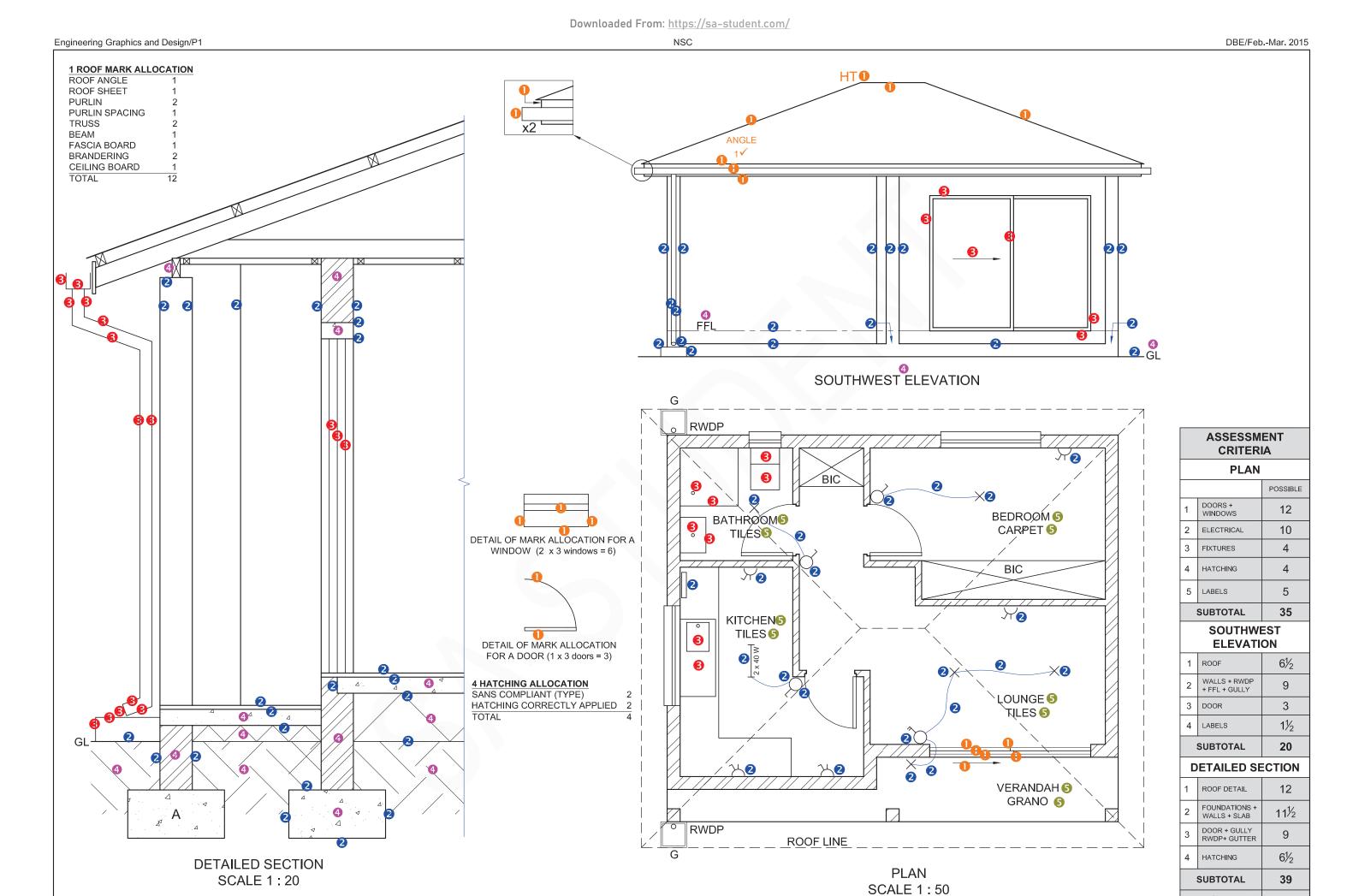
DETAILED SECTION

SCALE 1:20

1

 $36\frac{1}{2}$

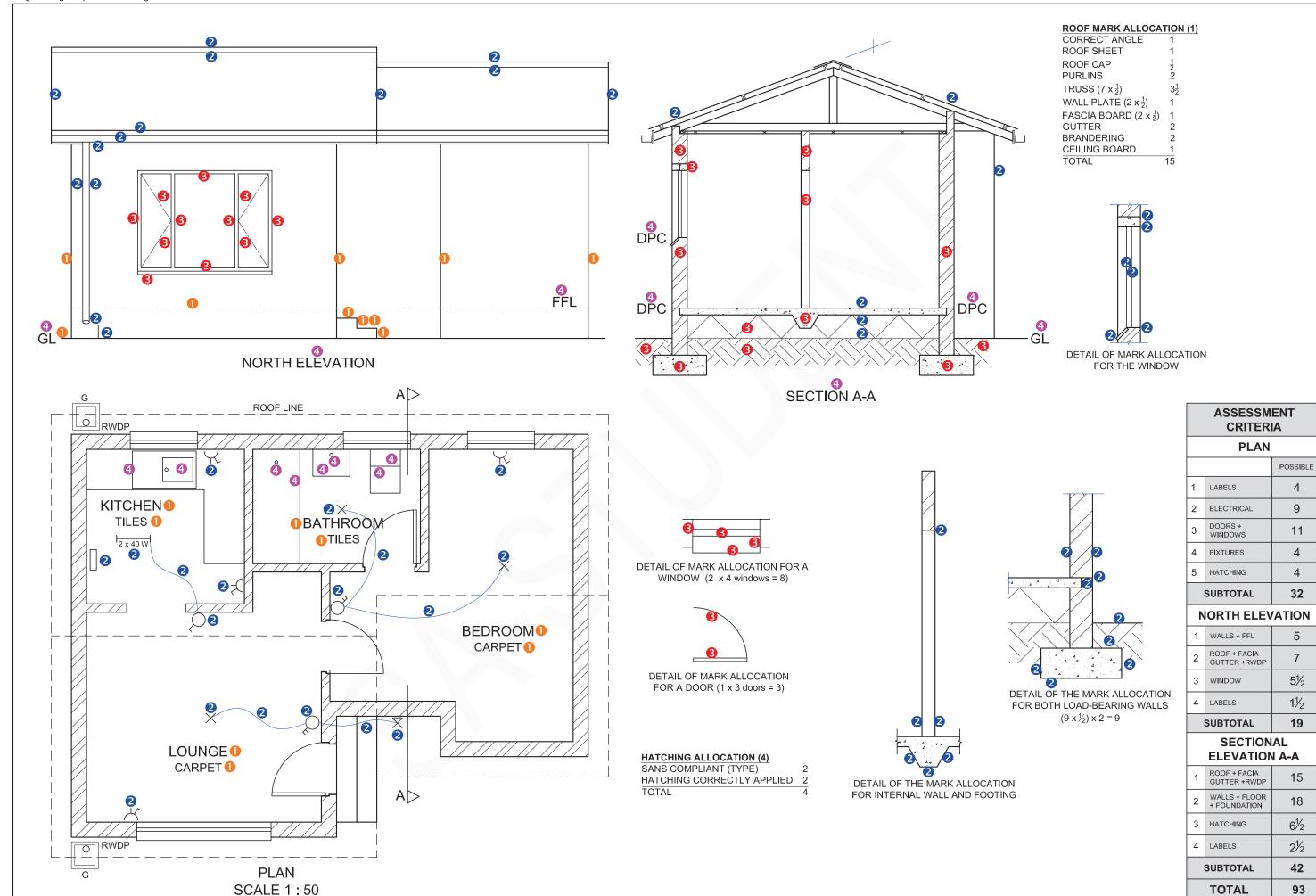
96



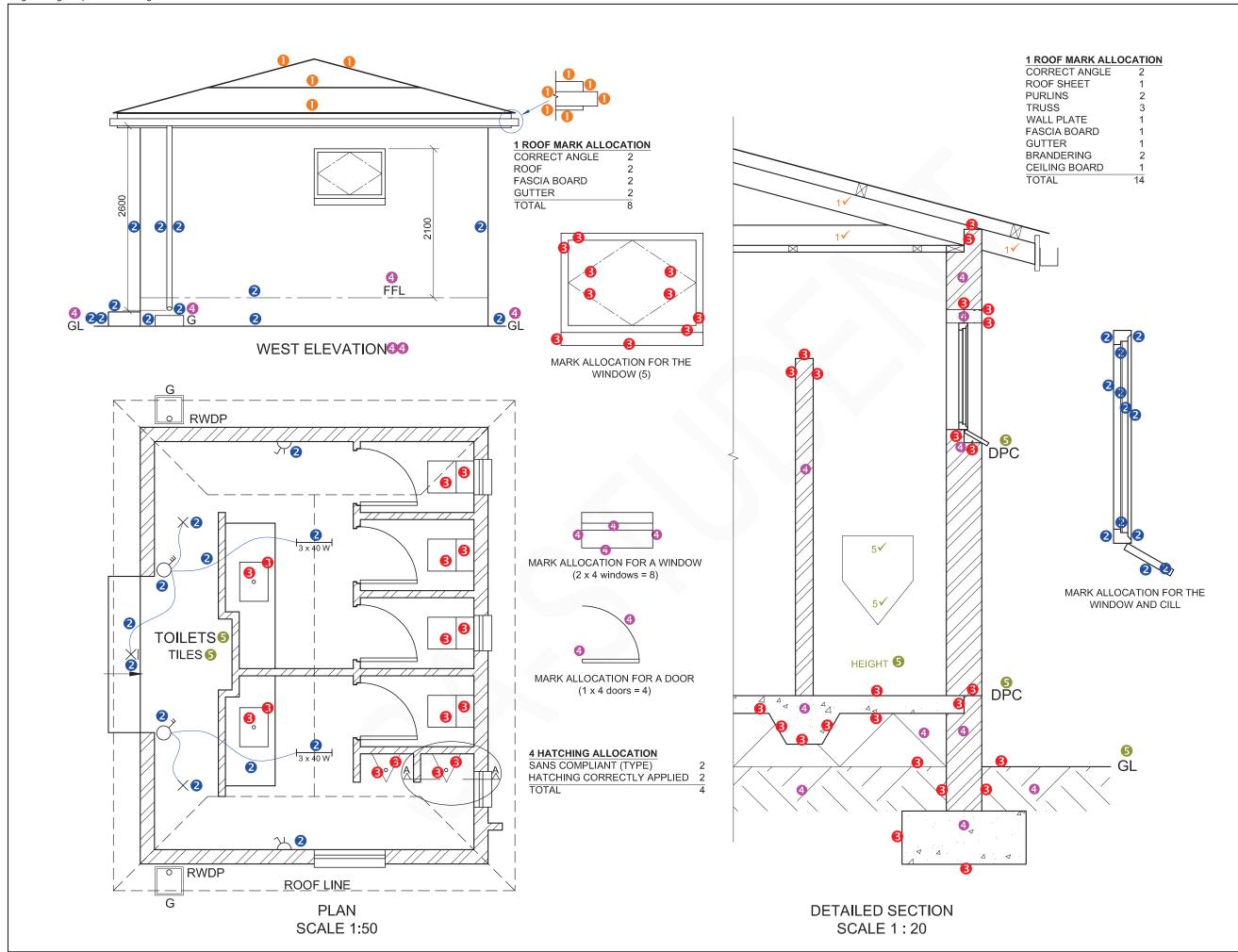
TOTAL

94



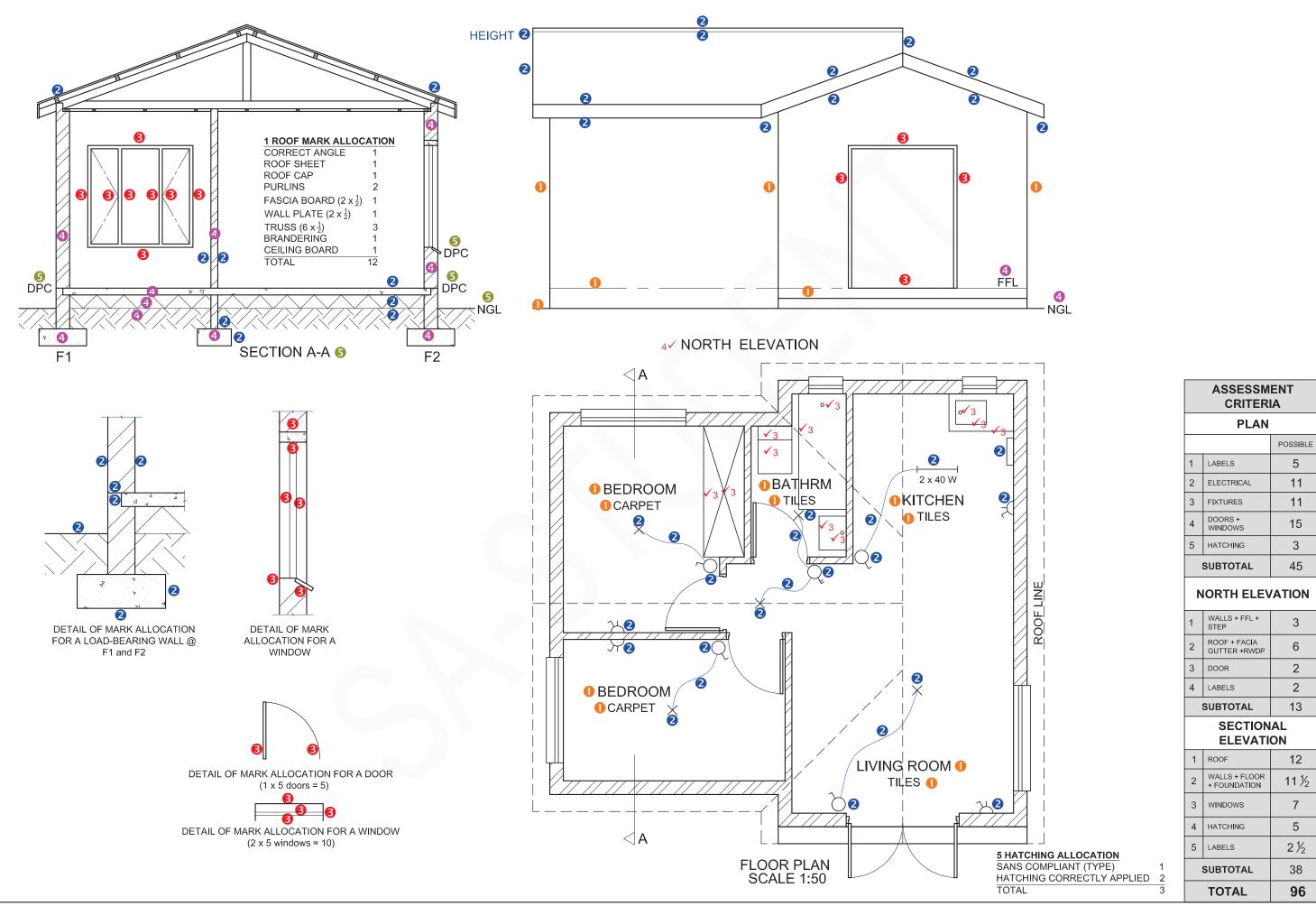


Engineering Graphics and Design/P1 NSC EXEMPLAR 2014



	ASSESSMENT CRITERIA			
	PLAN			
		POSSIBLE		
1	DOORS + WINDOWS	12		
2	ELECTRICAL	6		
3	FIXTURES	8		
4	HATCHING	4		
5	LABELS	1		
	SUBTOTAL	31		
1	WEST ELEV	ATION		
1	ROOF	8		
2	WALLS + RWDP + FFL + G + STEP	6		
3	WINDOW	5		
4	LABELS	3		
	SUBTOTAL	22		
D	DETAILED DRAWING			
1	ROOF	13		
2	WINDOW + SILL	8½		
3	FOUNDATIONS + WALLS + SLAB	10½		
4	HATCHING	5		
5	URINAL + LABELS	5		
	SUBTOTAL	42		
	TOTAL	92		





Downloaded From: https://sa-student.com/ NSC Engineering Graphics and Design/P1 DBE/November 2013 1 ROOF MARK ALLOCATION CORRECT ANGLE **ROOF SHEET** ROOF CAP **PURLINS** FASCIA BOARD $(2 \times \frac{1}{2})$ 2 GUTTER $(2 \times \frac{1}{2})$ WALL PLATE $(2 \times \frac{1}{2})$ TRUSS (10 x ½) BRANDERING CEILING BOARD TOTAL 4 9 DPC 4 4 DPC **FFL** DPC GL GL **ASSESSMENT CRITERIA** GL **FLOOR PLAN** · . 5 NORTH-EAST ELEVATION POSSIBLE OBTAINED SIGN MODERATE SECTIONAL ELEVATION A-A LABELS 4 2 ELECTRICAL 11 3 FITTINGS 6 DOORS + WINDOWS 14 HATCHING 3 🔁 TOILĒT 🕕 ROOM 1 SUBTOTAL 38 WOOD 0 A A **OCARPET SECTIONAL ELEVATION** 1 ROOF 16 DETAIL OF MARK ALLOCATION FOR THE 24 **RECEPTION 0** WALLS + FLOOR + FOUNDATIONS FRONT DOOR (3½) 11 WOOD 3 WINDOW 2 4 LABELS 3 5 HATCHING 6 DETAIL OF MARK ALLOCATION FOR A WINDOW $(2\frac{1}{2} \times 3 \text{ windows} = 7\frac{1}{2})$ 6 FIXTURES 4 2 SUBTOTAL 42 **NORTH-EAST ELEVATION** 2 x 40 W WALLS + FFL 5 \BIC ROOF + GUTTER + RWDP DETAIL OF MARK ALLOCATION **2** • ROOM 2

2 x 40 W

RWDP

OCARPET

PLAN SCALE 1:50 3

2

ROOF LINE

FOR DOOR $(1 \times 3 \text{ doors} = 3)$

HATCHING ALLOCATION

SANS COMPLIANT (TYPE)

TOTAL

HATCHING CORRECTLY APPLIED 2

5

5

16

96

EXAMINATION NUMBER

EXAMINATION NUMBER

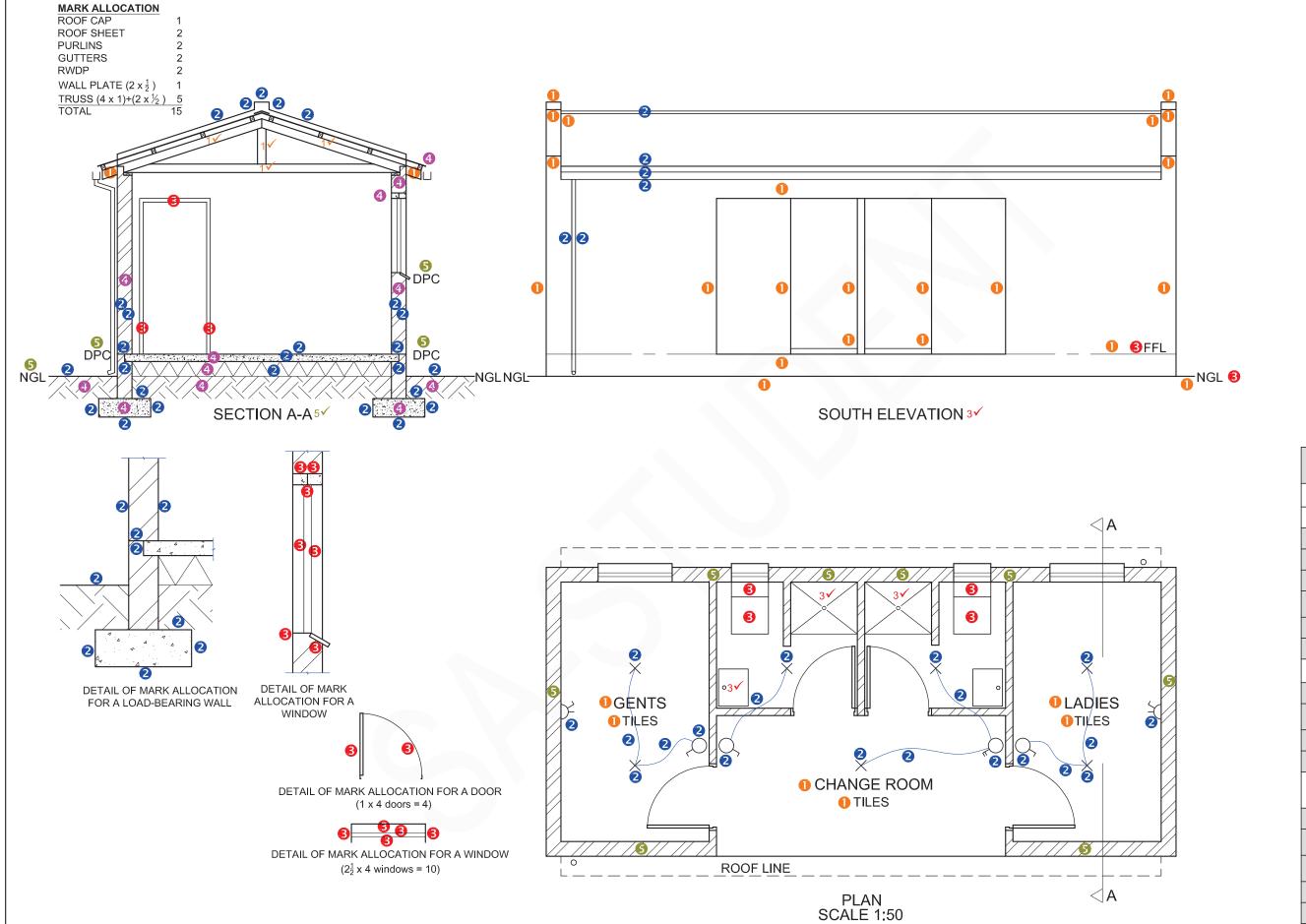
3 WINDOW

4 LABELS

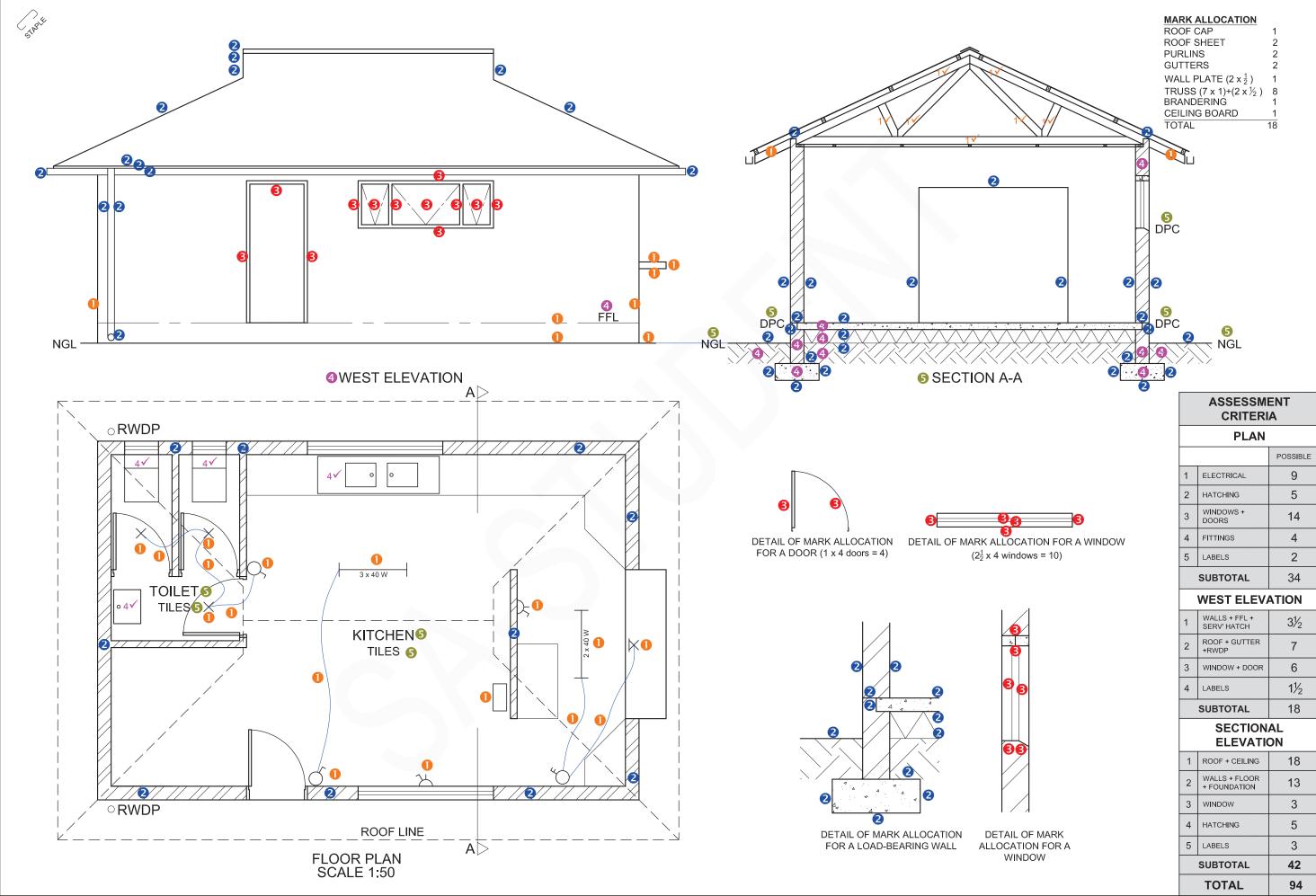
SUBTOTAL

TOTAL

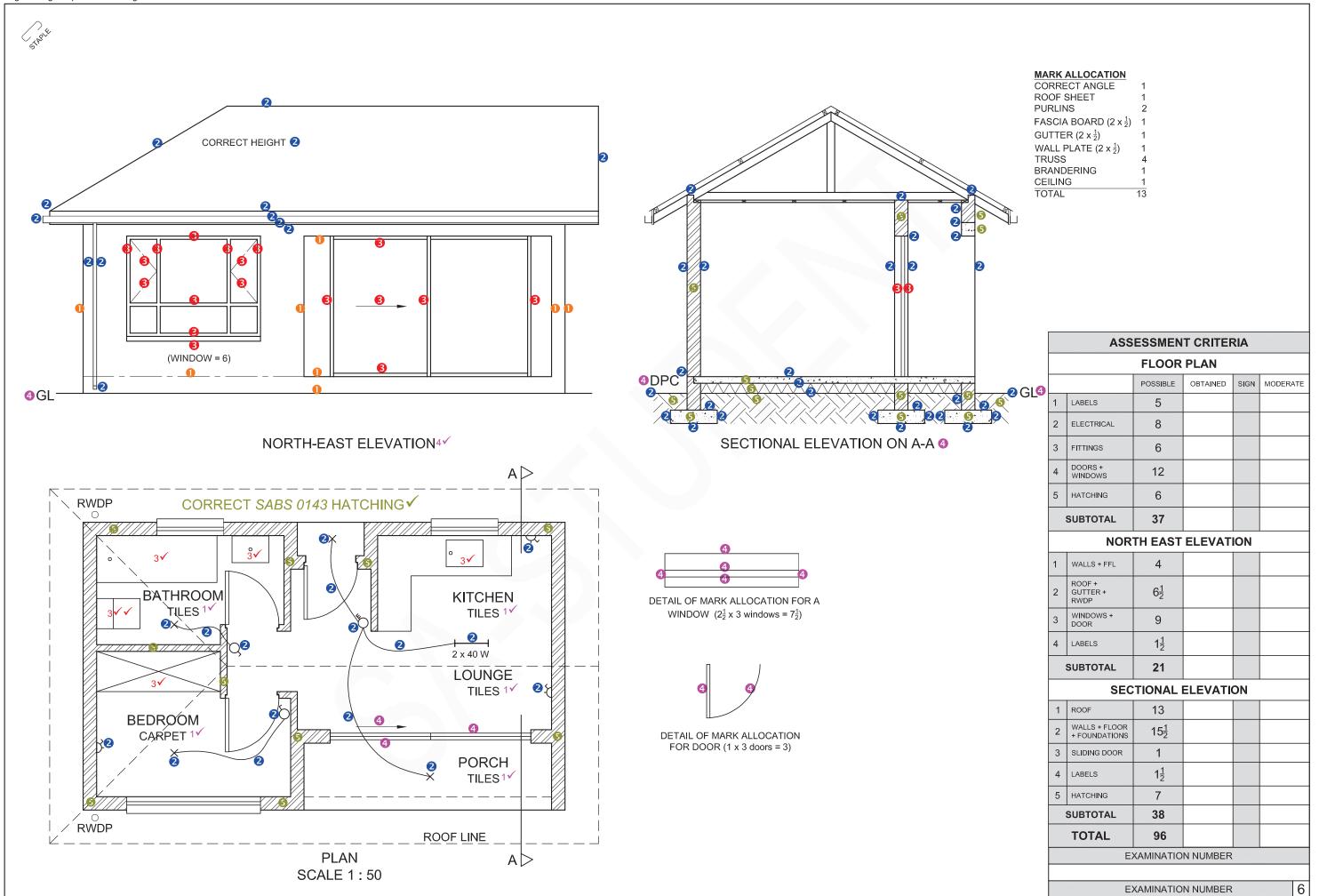
Engineering Graphics and Design/P1 NSC DBE/Feb. - Mar. 2013



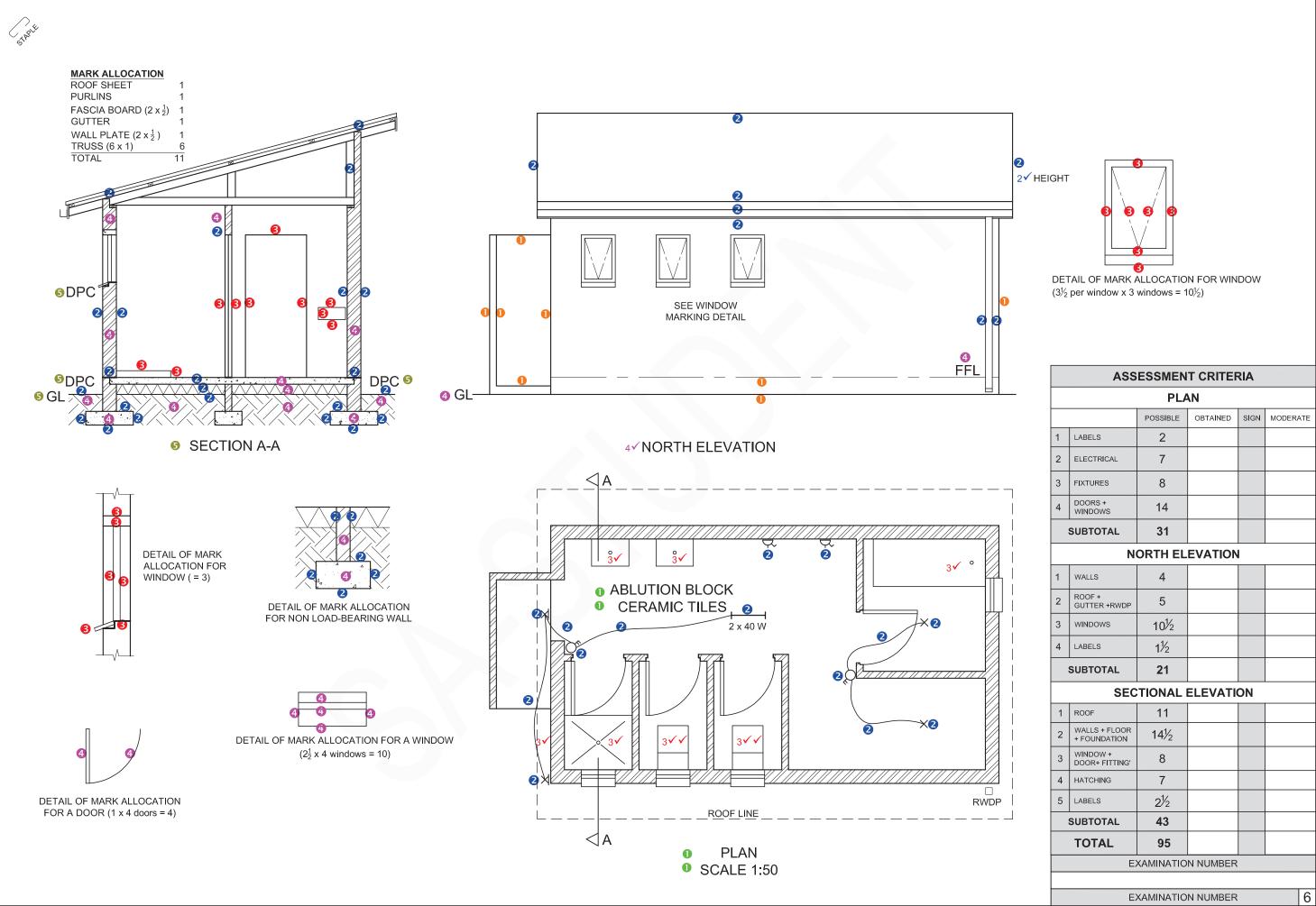
Engineering Graphics and Design/P1 NSC DBE/November 2012



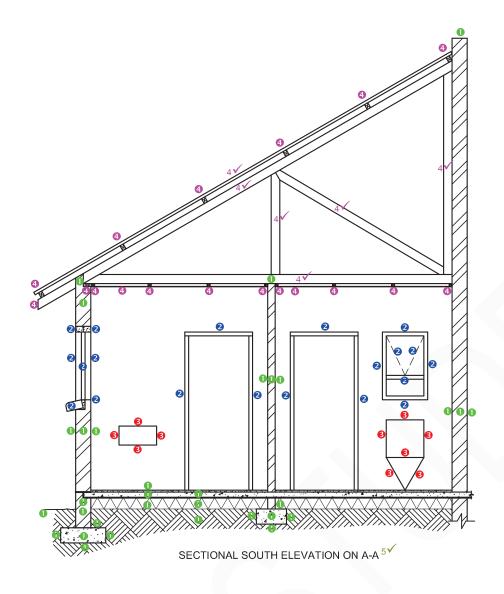
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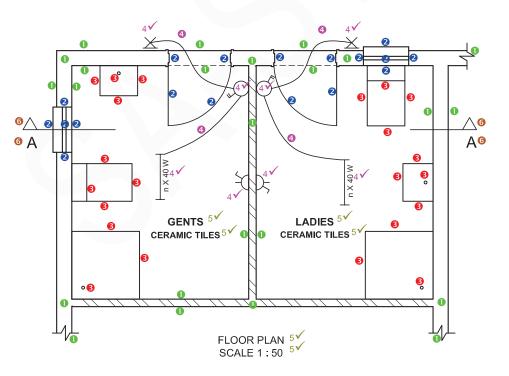


Engineering Graphics and Design/P1 NSC DBE/November 2011







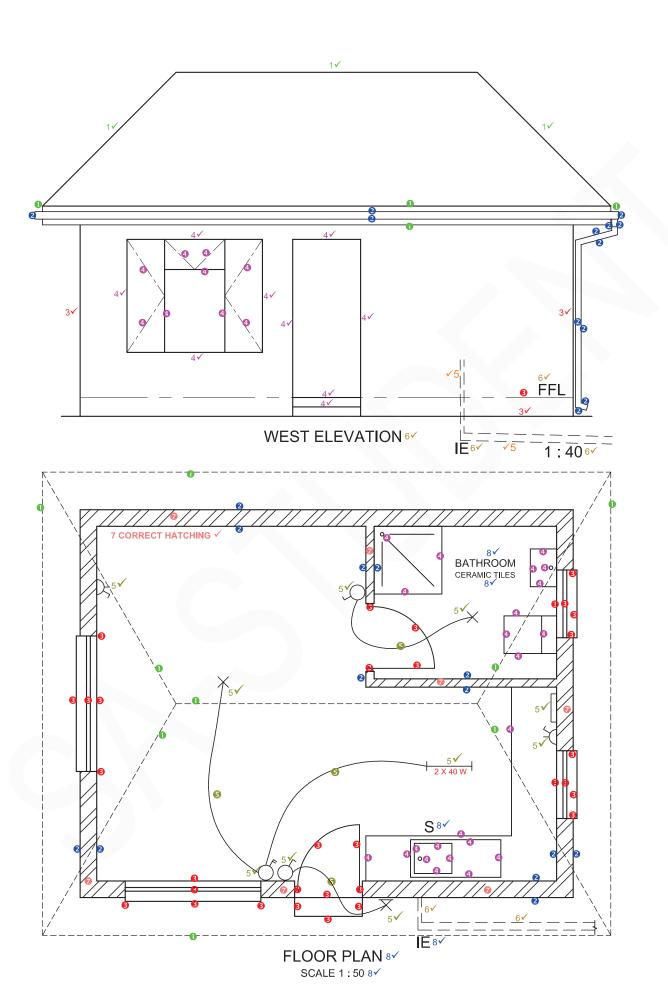


ASSESSMENT CRITERIA				
SECTIONAL SOUTH ELEVATION				
	POSSIBLE	OBTAINED	SIGN	MODERATE
1. WALLS + HATCHING	16			
2. WINDOWS + DOORS	10			
3. FIXTURES	5			
4. ROOF + CEILING	15			
5. LABELS	1			
SUBTOTAL	47			
FL	OOR PL	-AN		
1. WALLS + HATCHING	12			
2. WINDOWS + DOORS	9			
3. FEATURES	11			
4. ELECTRIC	10			
5. LABELS	6			
6. CUTTING PLANE A-A	2			
SUBTOTAL	50			
TOTAL	97			

EXAMINATION NUMBER

EXAMINATION NUMBER 6

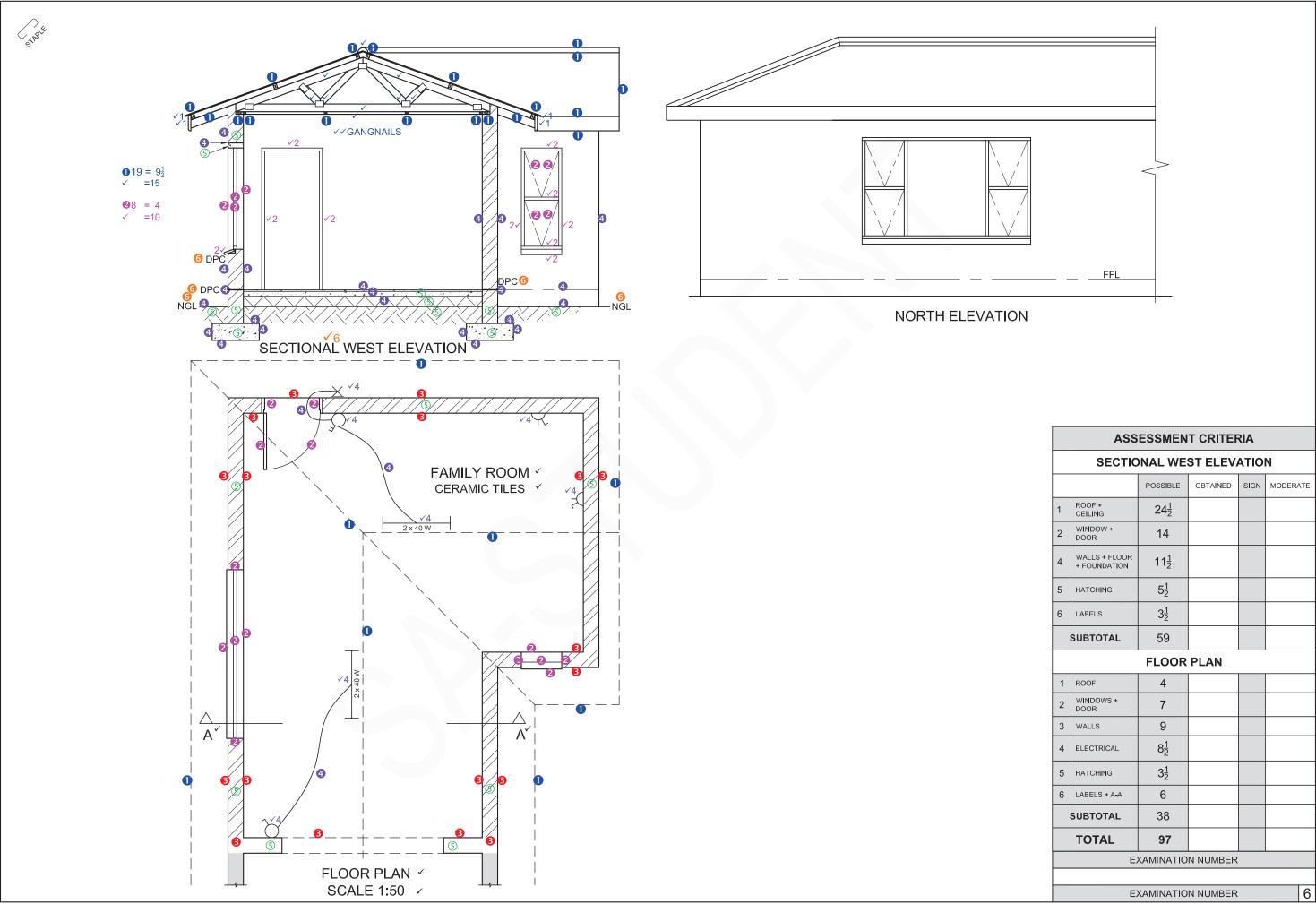


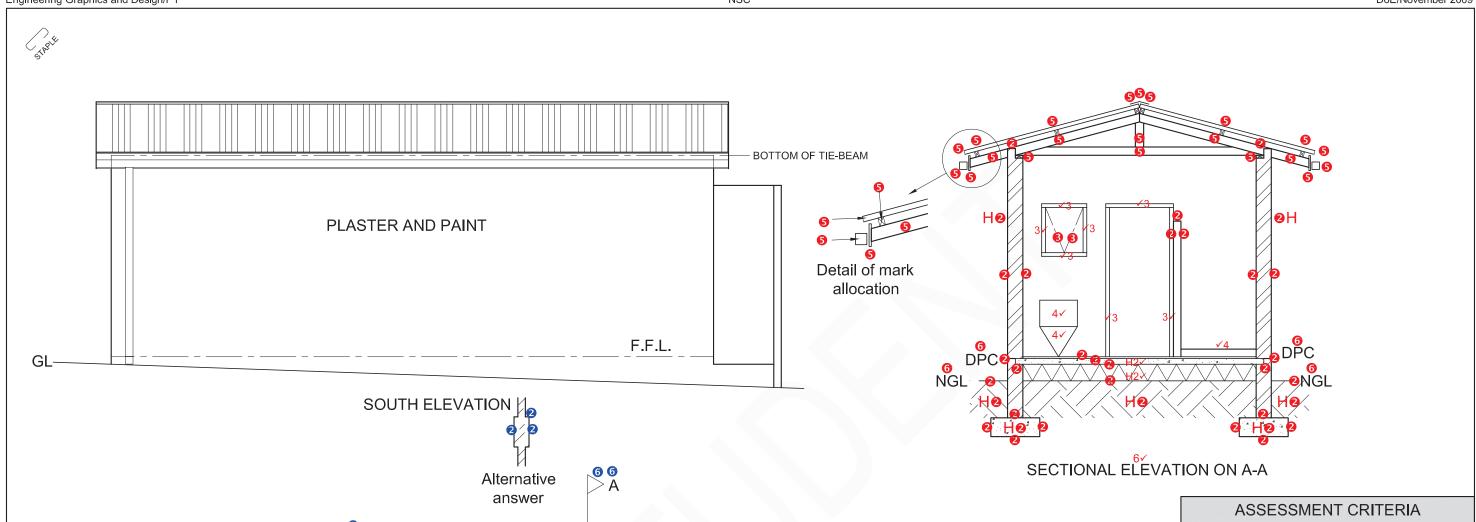


WF6.	TELEV	ΔΤΙΩΝ			
WEST ELEVATION					
	POSSIBLE	OBTAINED	SIGN	MODERA	
1. ROOF + FASCIA	5				
2. GUTTER + RWDP	6				
3. WALLS + FFL	3 1 / ₂				
4. WINDOWS + DOOR + STEP	13 1				
5. WASTE-WATER	2				
6. LABELS	4				
SUBTOTAL	34				
FL	OOR PL	_AN			
1. ROOF	4 1 / ₂				
2. WALLS	6 1				
3. WINDOW + DOOR + STEP	16				
4. KITCHEN + BATHROOM	11 1 /2				
5. ELECTRIC	12				
6. WASTE-WATER	2				
7. HATCHING	4 1 / ₂				
8. LABELS	6				
SUBTOTAL	63				
	i	i			

EXAMINATION NUMBER

EXAMINATION NUMBER 6





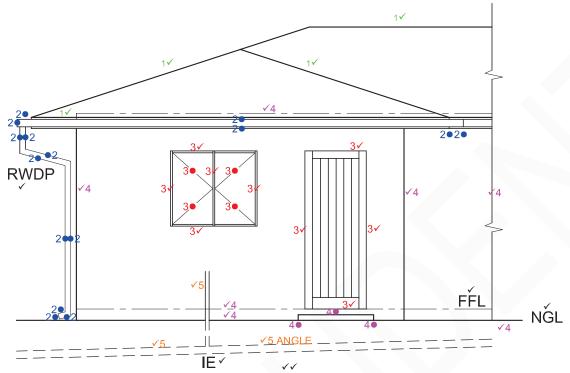
		answer	
2 2 3	2 1 H WALL		4 × × 3 3 3 3 3
3 3 5	GARAGE grano G	BATHROOI ceramic tile	5 6
	PLAN CALE 1:50	6 6 A	2 2

AS	SESSME	ENT CRI	TERI	Д	
	P	PLAN			
	POSSIBLE	OBTAINED	SIGN	MODERA	٧-
1 CORRECT SCALE	1				_
2 WALLS + HATCHING	17 <u>1</u>				_
3 WINDOW + DOORS	7				
4 FIXTURES	5				_
5 ELECTRICAL	10				_
6 LABELS + C'PLANE	5				_
(SECTIONA	L ELEVA	TION		
1 CORRECT SCALE	1				_
2 WALLS + FOUNDATION + HATCHING	19				
3 WINDOW + DOORS	8				
4 FIXTURES	3				
5 ROOF	10½				_
6 LABELS	3				
TOTAL	90				_
	EXAMINA [*]	TION NUMBI	ΞR		

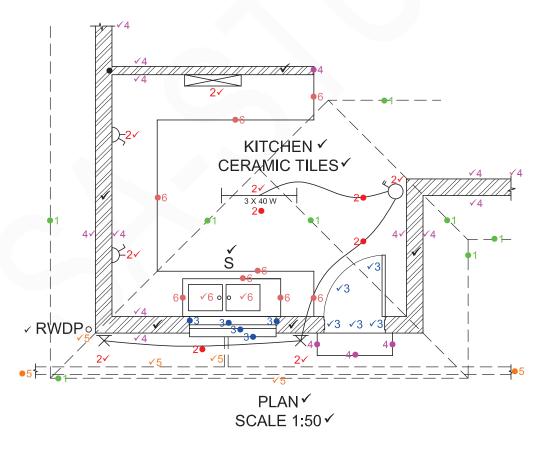
Engineering Graphics and Design/P1 NSC DoE/February/March 2009



ANSWER SHEET 4



IE ✓ ✓✓ 100 mm Ø SEWERAGE LINE LAID AT 1:40°



EXAMINATION	NUMBER	
EXAMINATION	NUMBER	1

ASSESSMENT CRITERIA

POSSIBLE

 $7\frac{1}{2}$

11

 $8\frac{1}{2}$

3

6

POSSIBLE

9 7¹/₂

14

5

6

 $5\frac{1}{2}$

6

97

OBTAINED

ELEVATION

2 GUTTER / FACIA

3 WINDOW / DOOR 4 WALLS / FFL / STEP

5 WASTE PIPES

PLAN

6 LABELS

1 ROOF

2 ELECTRICAL

3 WINDOW / DOOR
4 WALLS / STEP

5 WASTE PIPES / RWDP

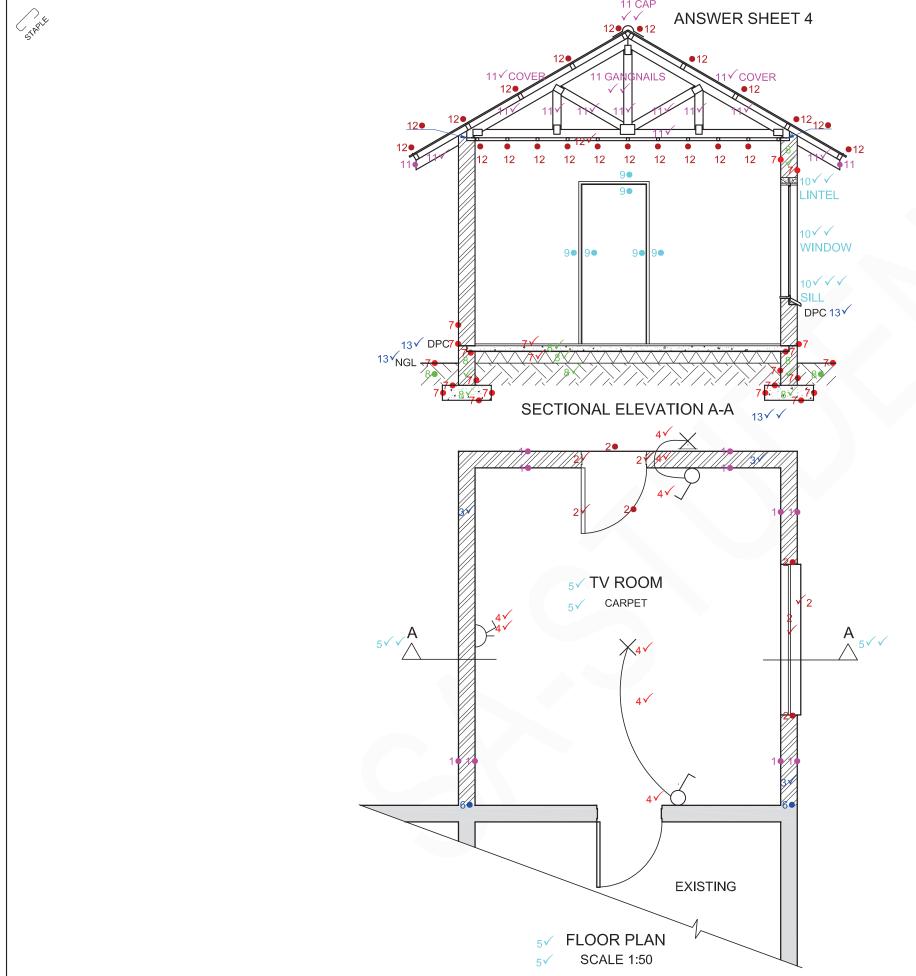
6 SINK/WORK AREA

TOTAL

HATCHING LABELS

1 ROOF





	TOTAL			
	POSSIBLE	OBTAINED		
FLOOR PLAN				
1 OUTLINE	5			
2 WINDOW & DOOR	7			
3 HATCHING	3			
4 LIGHTS & SWITCH & SOCKET OUTLET	8			
5 LABELS & CUTTING PLANE	8			
6 JOIN	1			
SECTIONAL E	LEVATIO	V		
7 FOUNDATION, SLAB & WALL	12			
8 HATCHING	9			
9 DOOR	3			
10 WINDOW	7			
11 ROOF TRUSS, CAP, GANGNAILS & COVER	17			
12 CEILING, PURLINS & BRANDERING	12			
13 LABELS	5			

EXAMINATION NUMBER

EXAMINATION NUMBER 6

