

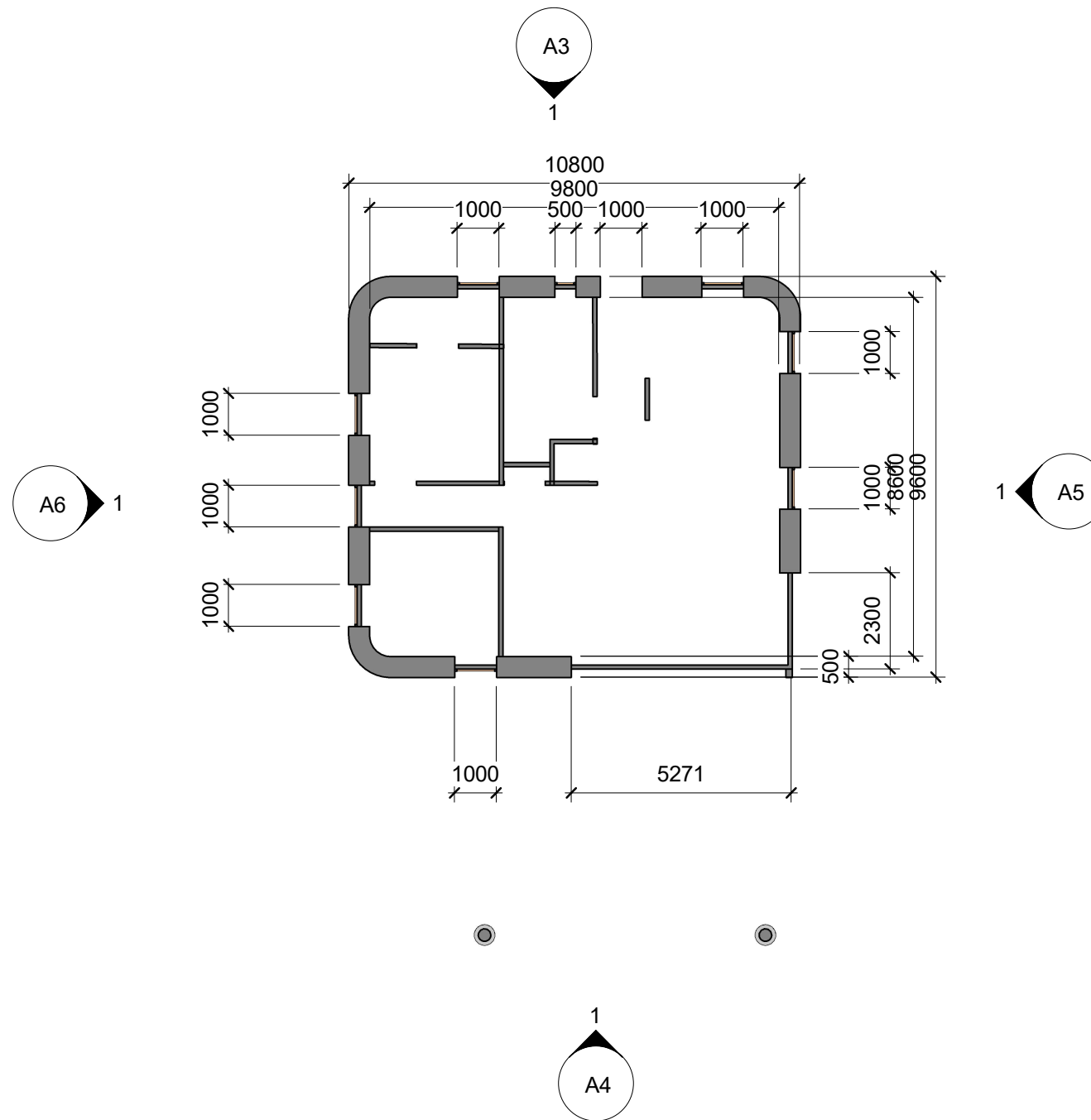


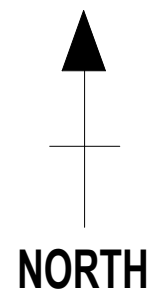
Sheet List		
Sheet Number	Sheet Name	Sheet Issue Date

A0	Coverpage	10/13/2022
A1	Floor Plan	10/13/2022
A2	Site Plan	10/13/2022
A3	Elevation North	10/13/2022
A4	Elevation South	10/13/2022
A5	Elevation East	10/13/2022
A6	Elevation West	10/13/2022
A7	Section A7	10/13/2022
A8	Section A8	10/13/2022
A9	Section A9	10/13/22
A10	Sun Hour Analysis	10/13/2022
A11	Radiation Analysis	10/13/2022
A12	Windrose Analysis	10/13/2022
A13	Render 1	10/13/2022
A14	Render 2	10/13/2022
A15	Render 3	10/13/2022
A16	Render 4	10/16/2022
A17	Render 5	10/16/22
B1	Clash Detection	10/31/22
B2	Clash Detection 1	10/31/22
B3	Time Sequencing	11/02/22
B4	Material Takeoff	11/02/22
B5	Labour Resources	11/02/22

 NORTH	DRAWING: Coverpage	SCALE:	DATE: 13/10/2022	STUDENT NAME: Joshua Micallef	 UNSW AUSTRALIA
	PROJECT: Dwelling	PAGE NO. A0	CLASS: CODE2270	STUDENT NO. z5361047	



1 Level 0
1 : 150



DRAWING: Floor Plan

PROJECT: Dwelling

SCALE: 1 : 150

PAGE NO. A1

DATE: 13/10/2022

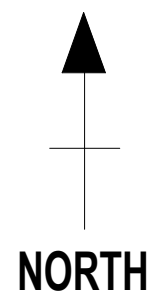
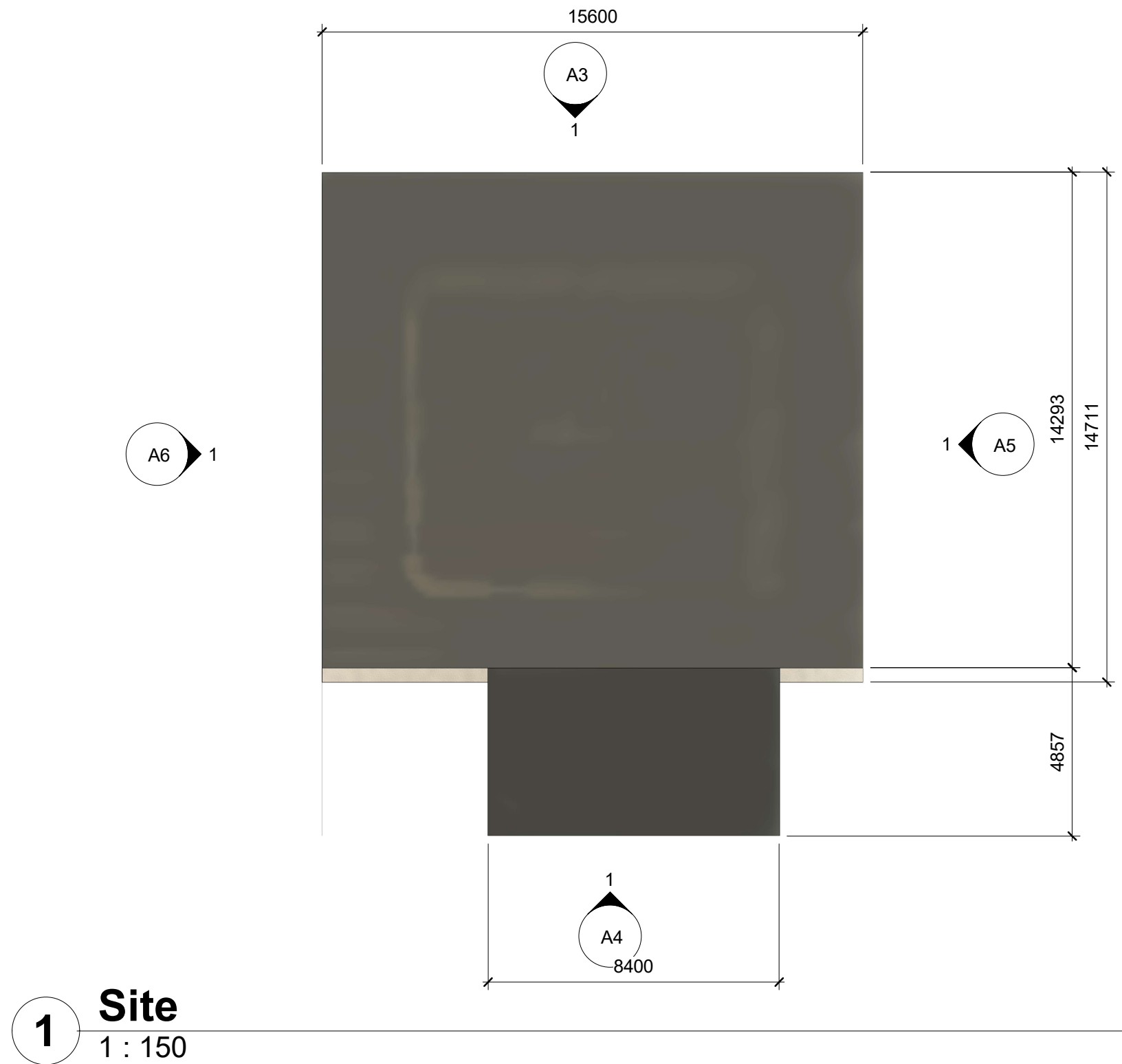
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



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DRAWING: Site Plan

PROJECT: Dwelling

SCALE: 1 : 150

PAGE NO. A2

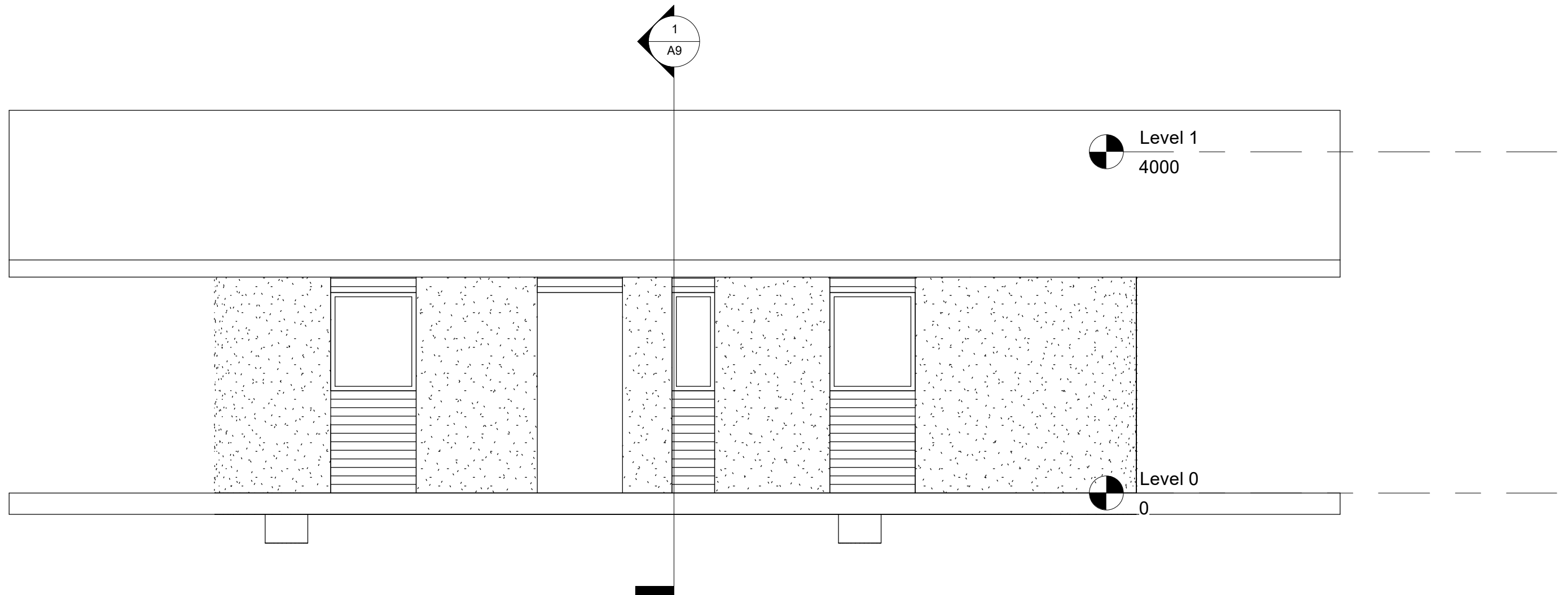
DATE: 13/10/2022

CLASS: CODE2270

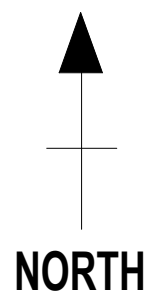
STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047





1 North
1 : 50



DRAWING: North Elevation

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A3

DATE: 13/10/2022

CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



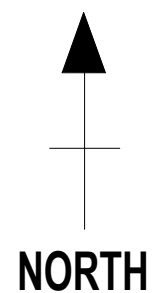
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Level 1
4000

Level 0
0

1
A9

1 South
1 : 50



DRAWING: South Elevation

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A4

DATE: 13/10/2022

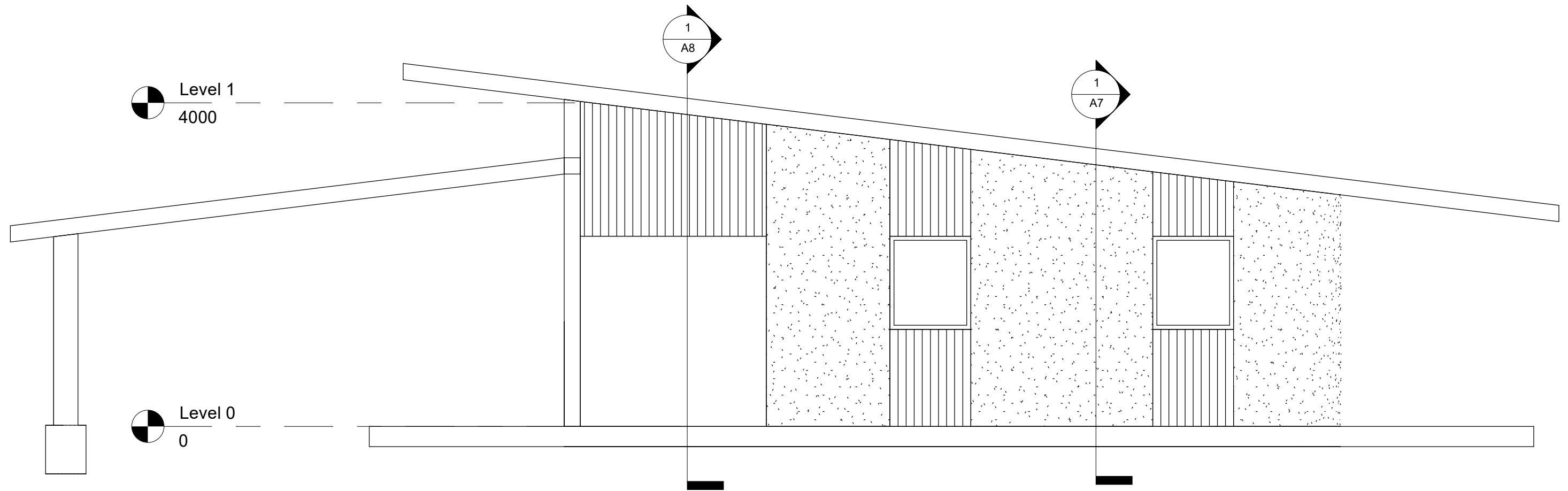
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

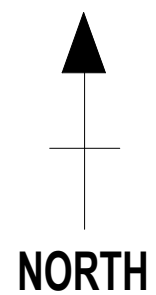
STUDENT NO. z5361047



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1 East
1 : 50



DRAWING: East Elevation

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A5

DATE: 13/10/2022

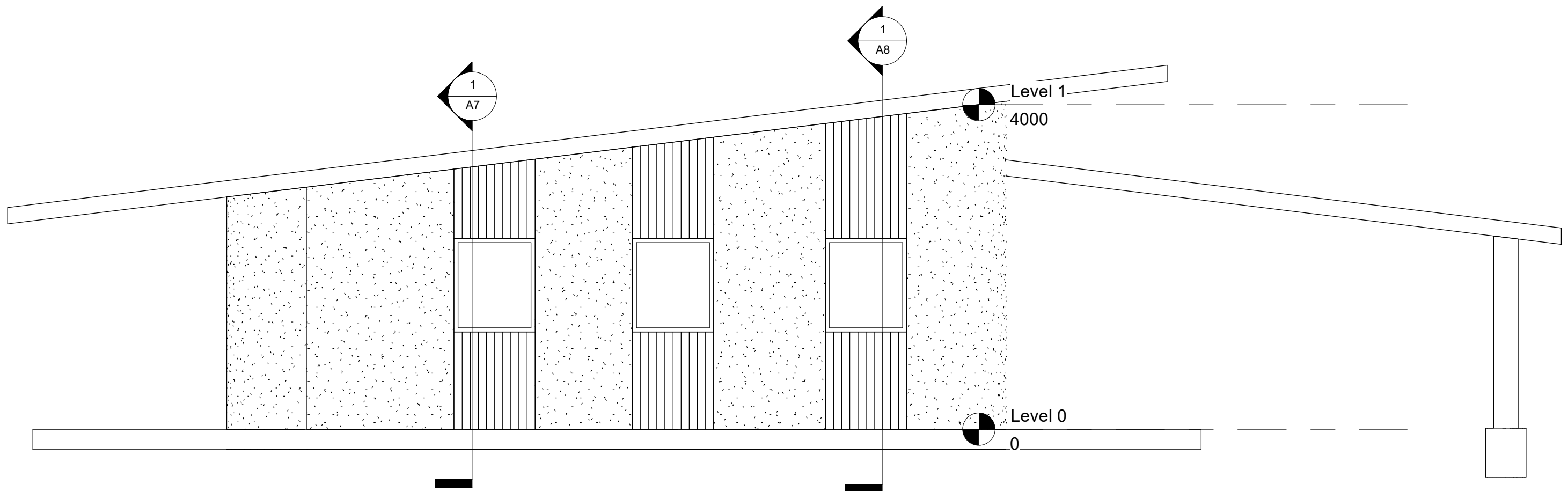
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

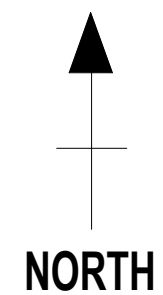
STUDENT NO. z5361047



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1 West
1 : 50



DRAWING: West Elevation

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A6

DATE: 13/10/2022

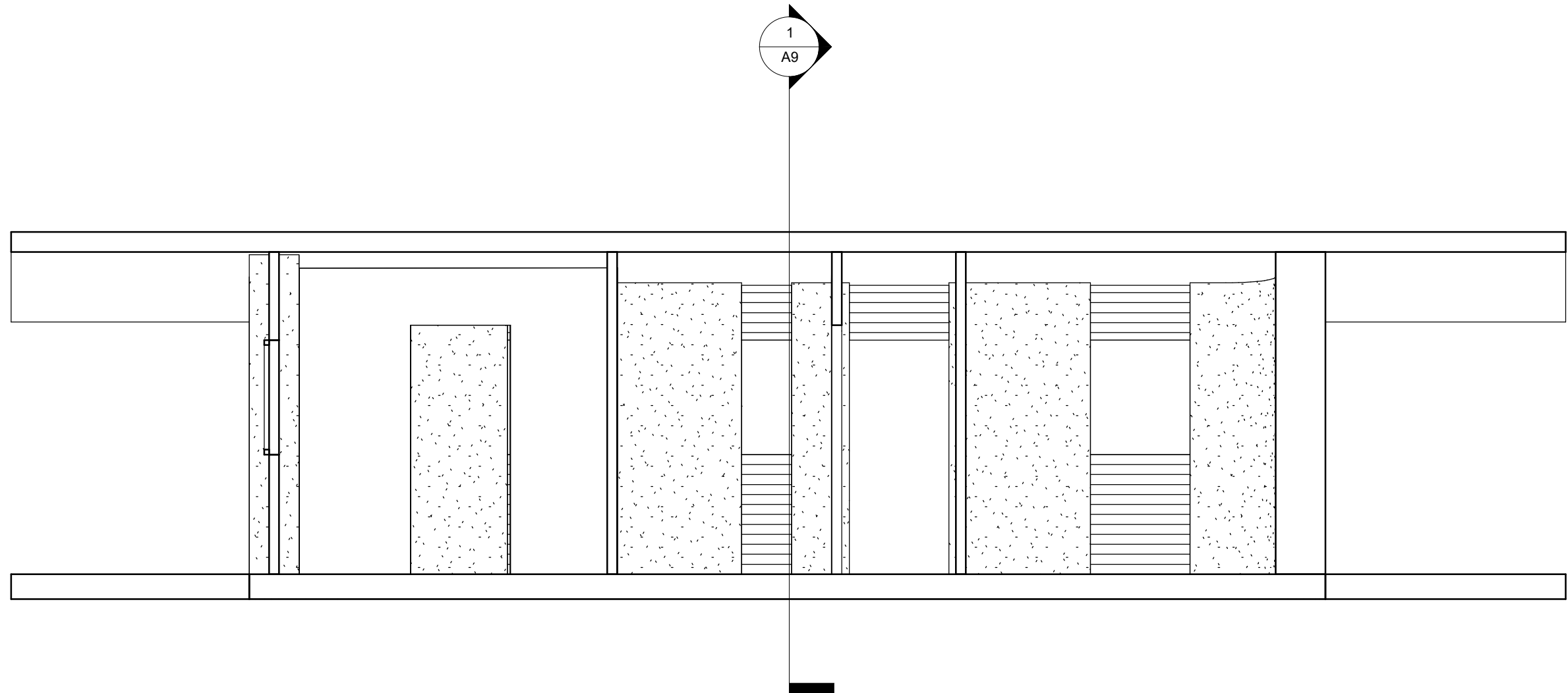
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STUDENT NAME: Joshua Micallef

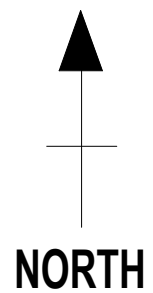
STUDENT NO. z5361047



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1 Section A7
1 : 50



DRAWING: Section A7

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A7

DATE: 13/10/2022

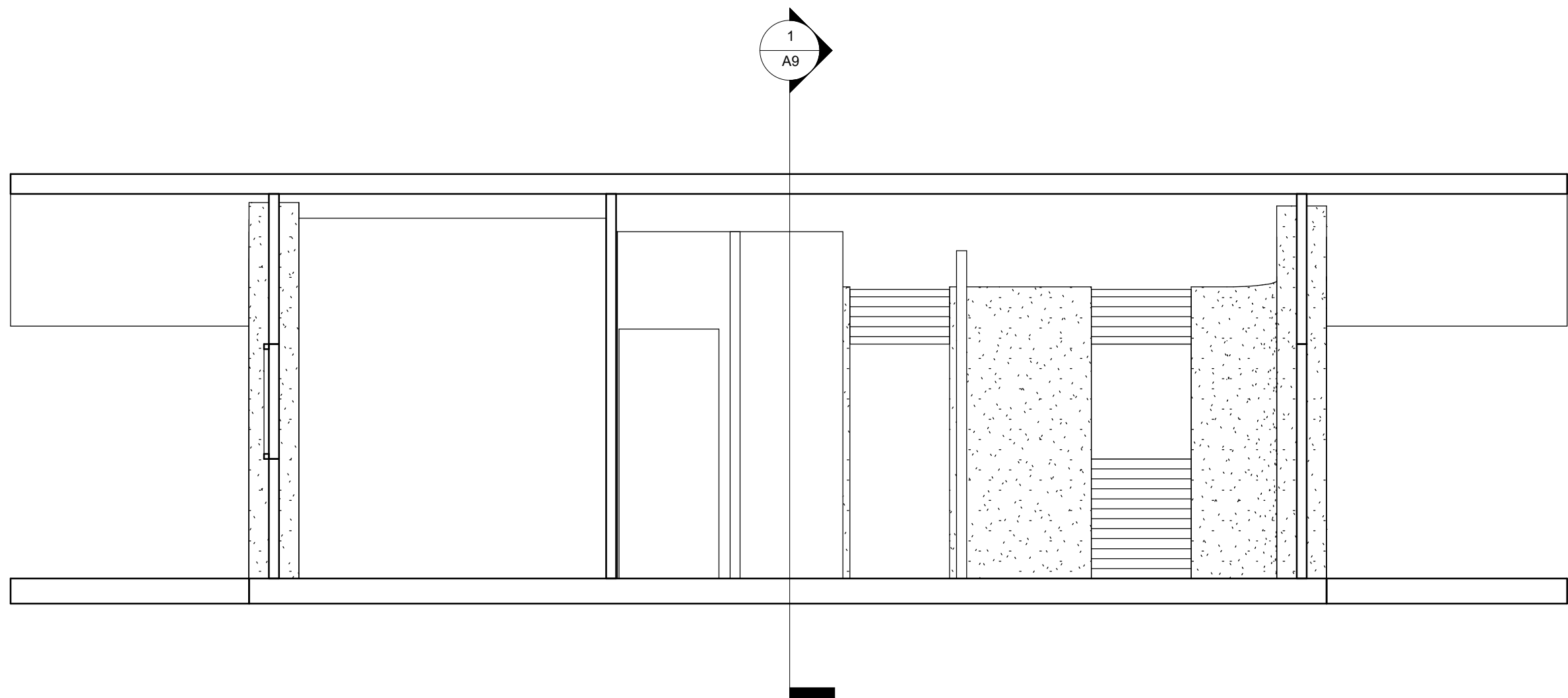
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STUDENT NAME: Joshua Micallef

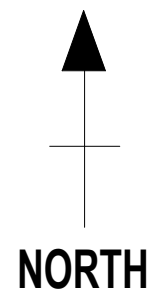
STUDENT NO. z5361047



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1 Section A8
1 : 50



DRAWING: Section A8

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A8

DATE: 13/10/2022

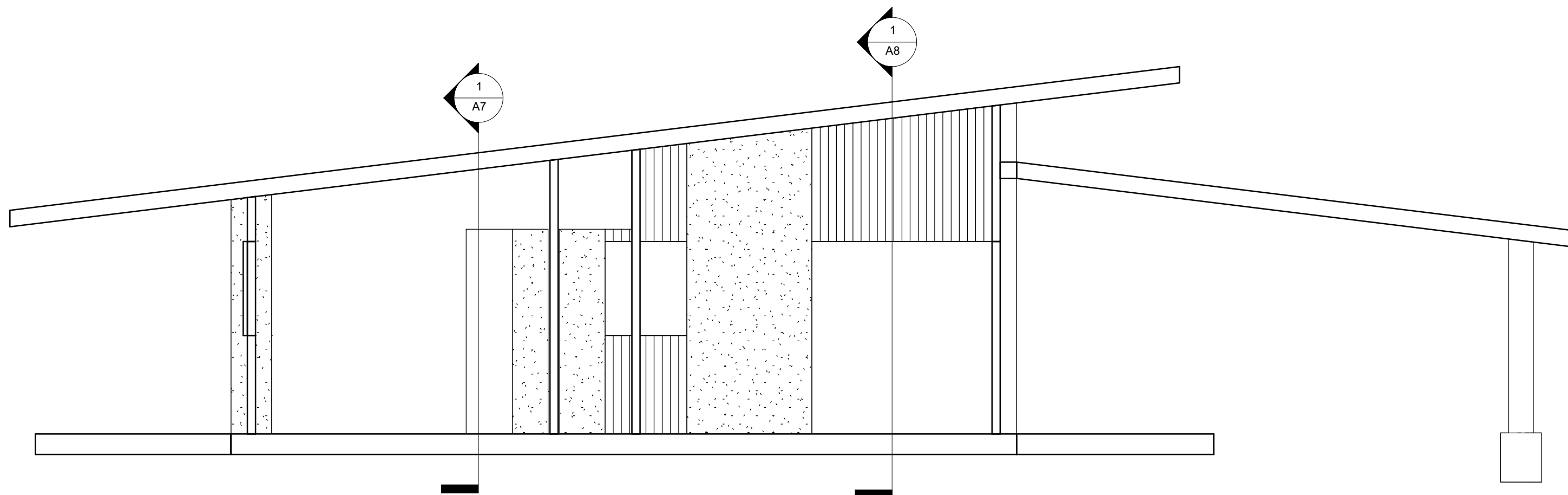
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

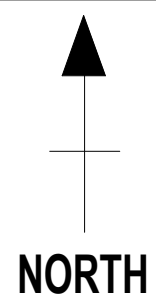
STUDENT NO. z5361047



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1 Section A9
1 : 50



DRAWING: Section A9

PROJECT: Dwelling

SCALE: 1 : 50

PAGE NO. A9

DATE: 13/10/2022

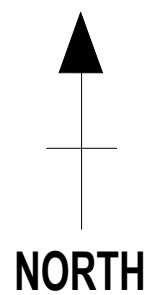
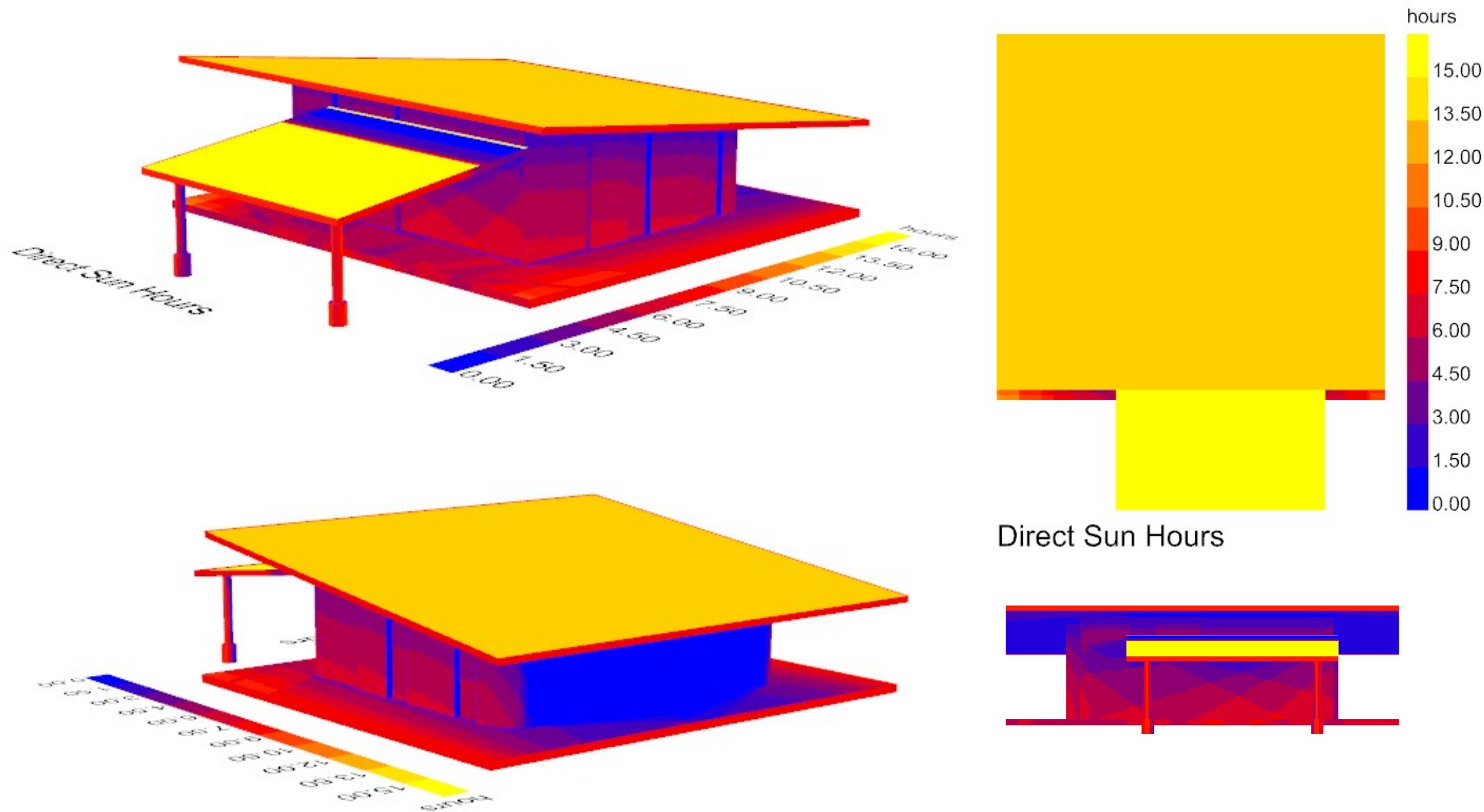
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



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DRAWING: Sun Hour Analysis

PROJECT: Dwelling

SCALE:

PAGE NO. A10

DATE: 13/10/2022

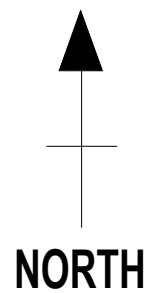
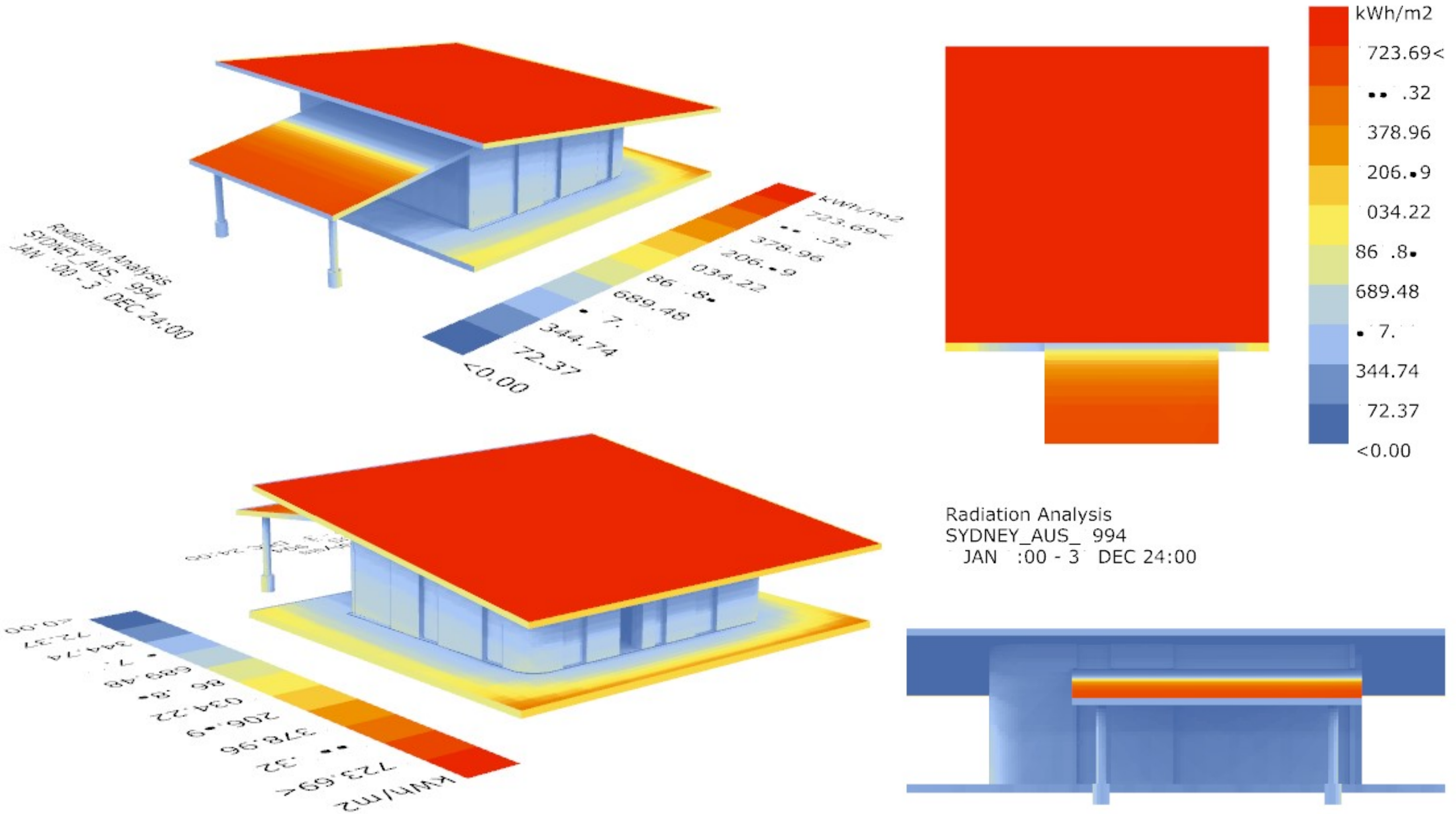
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



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DRAWING: Radiation Analysis

PROJECT: Dwelling

SCALE:

PAGE NO. A11

DATE: 13/10/2022

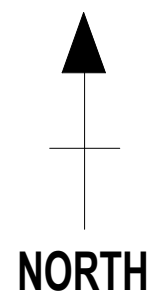
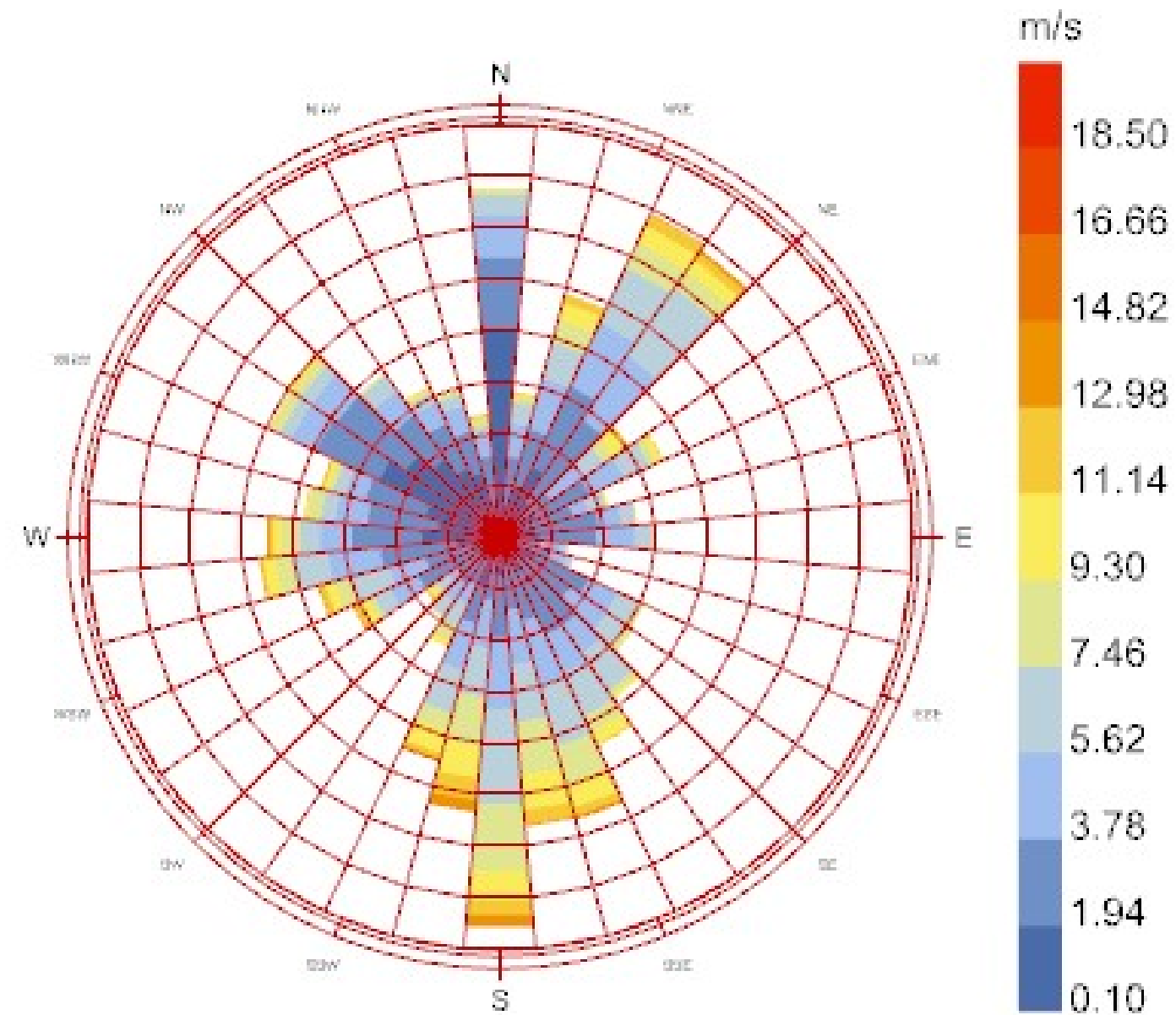
CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



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DRAWING: Windrose Analysis

SCALE:

DATE: 13/10/2022

STUDENT NAME: Joshua Micallef

PROJECT: Dwelling

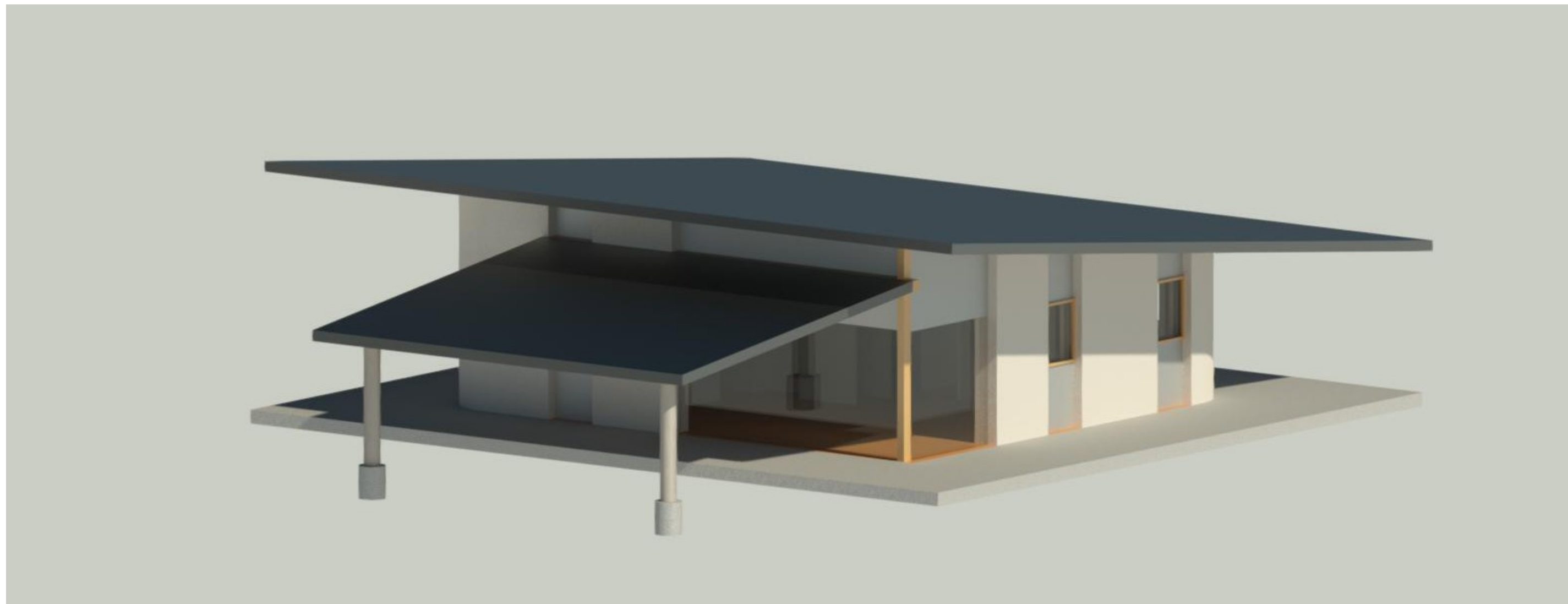
PAGE NO. A12

CLASS: CODE2270



STUDENT NO. z5361047

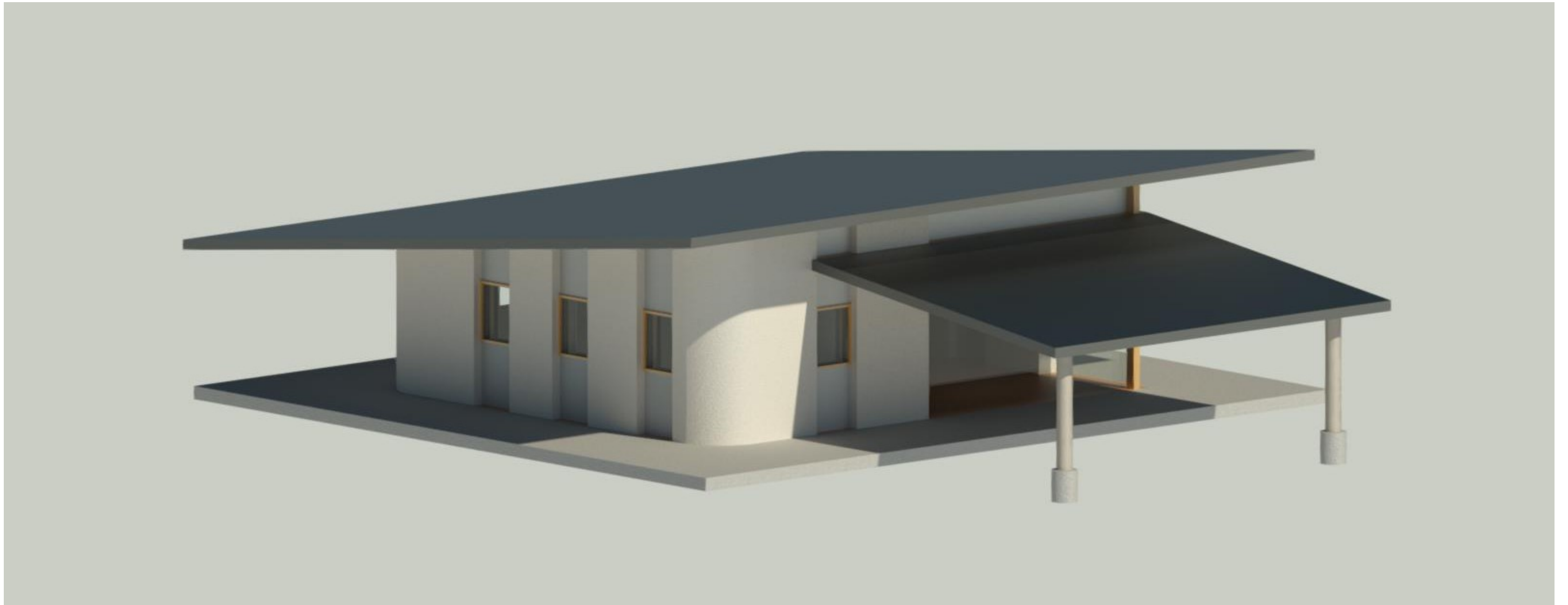


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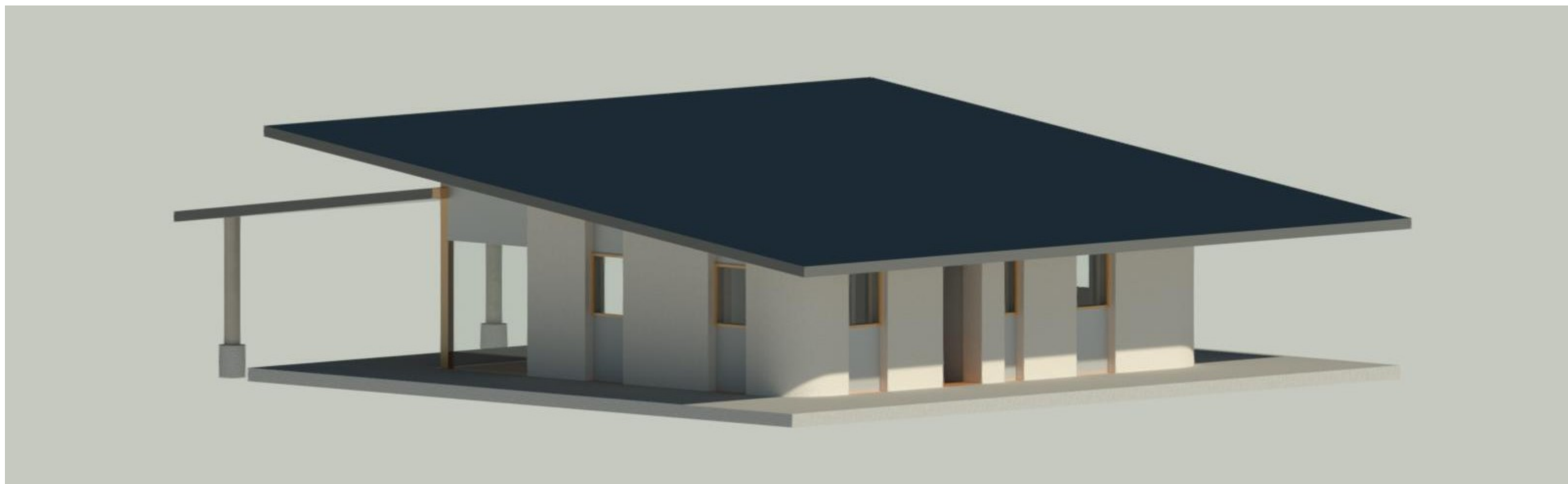
1 Render 1
1:1

 NORTH	DRAWING: Render 1	SCALE:	DATE: 13/10/2022	STUDENT NAME: Joshua Micallef	 UNSW AUSTRALIA
	PROJECT: Dwelling	PAGE NO. A13	CLASS: CODE2270	STUDENT NO. z5361047	





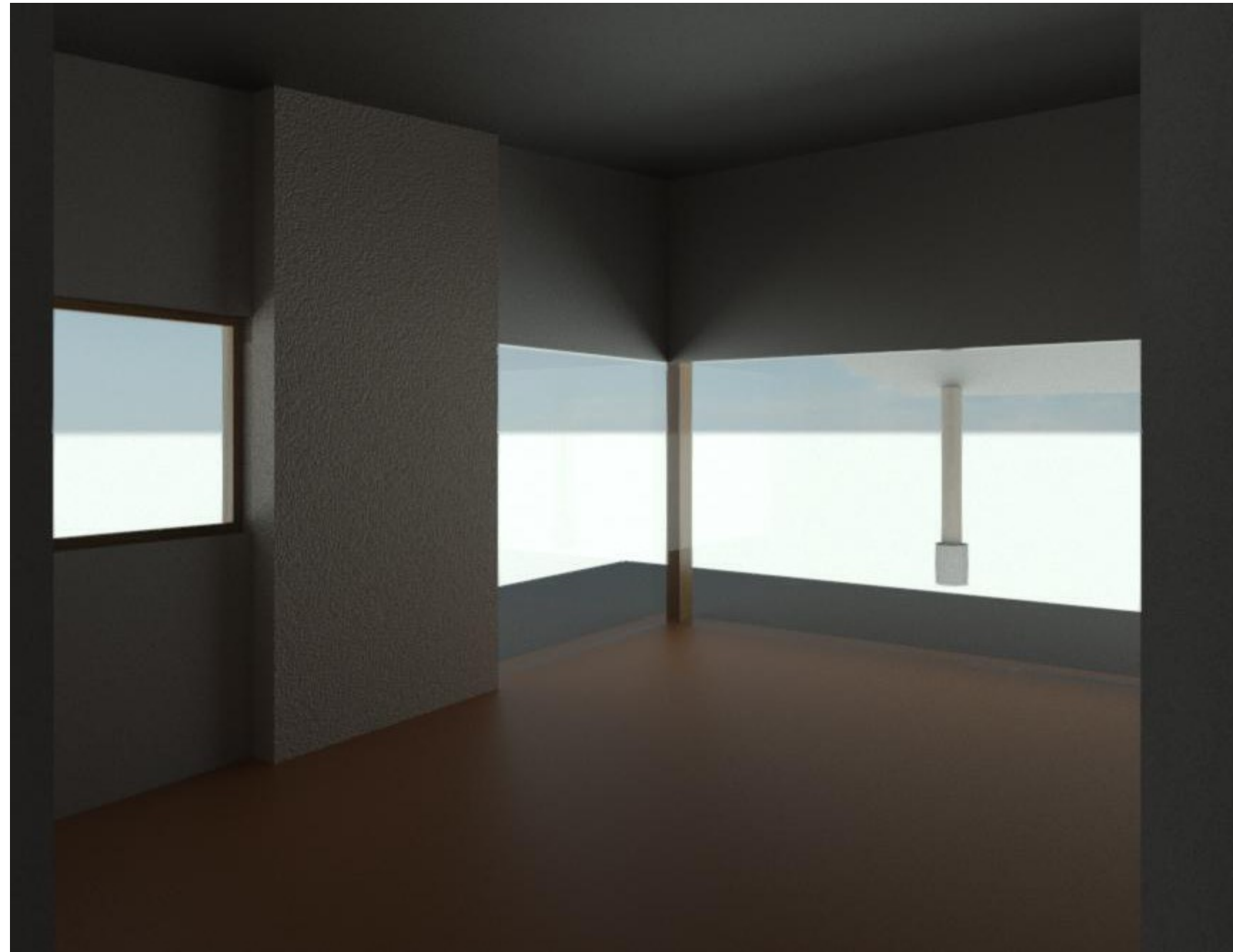
1 **Render 2**
1 : 1

 NORTH	DRAWING: Render 2	SCALE:	DATE: 13/10/2022	STUDENT NAME: Joshua Micallef	 UNSW AUSTRALIA
	PROJECT: Dwelling	PAGE NO. A14	CLASS: CODE2270	STUDENT NO. z5361047	

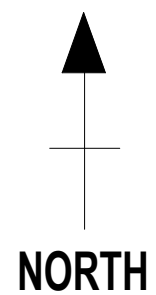


1 **Render 3**
1 : 1

 NORTH	DRAWING: Render 3	SCALE:	DATE: 13/10/2022	STUDENT NAME: Joshua Micallef	 UNSW AUSTRALIA
	PROJECT: Dwelling	PAGE NO. A15	CLASS: CODE2270	STUDENT NO. z5361047	



1 **Render 4**
1 : 1



DRAWING: Render 4

PROJECT: Dwelling

SCALE:

PAGE NO. A16

DATE: 16/10/2022

CLASS: CODE2270

STUDENT NAME: Joshua Micallef

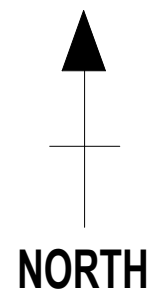
STUDENT NO. z5361047



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1 **Render 5**
1 : 1



DRAWING: Render 5

PROJECT: Dwelling

SCALE:

PAGE NO. A17

DATE: 16/10/2022

CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



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AUSTRALIA

Interference Report

Group by:

Category 1, Category 2 ▾

Message	
<input type="checkbox"/> Generic Models	
<input checked="" type="checkbox"/> Generic Models	

Created:

Friday, 18 November 2022 9:28:21 AM

Last Update:

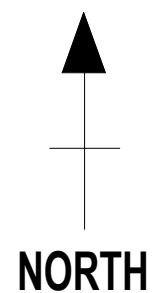
Note: Refresh updates interferences listed

Show

Export...

Refresh

Close



DRAWING: Clash Detection

PROJECT: Dwelling

SCALE:

PAGE NO. B1

DATE: 31/10/2022

CLASS: CODE2270

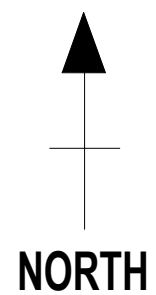
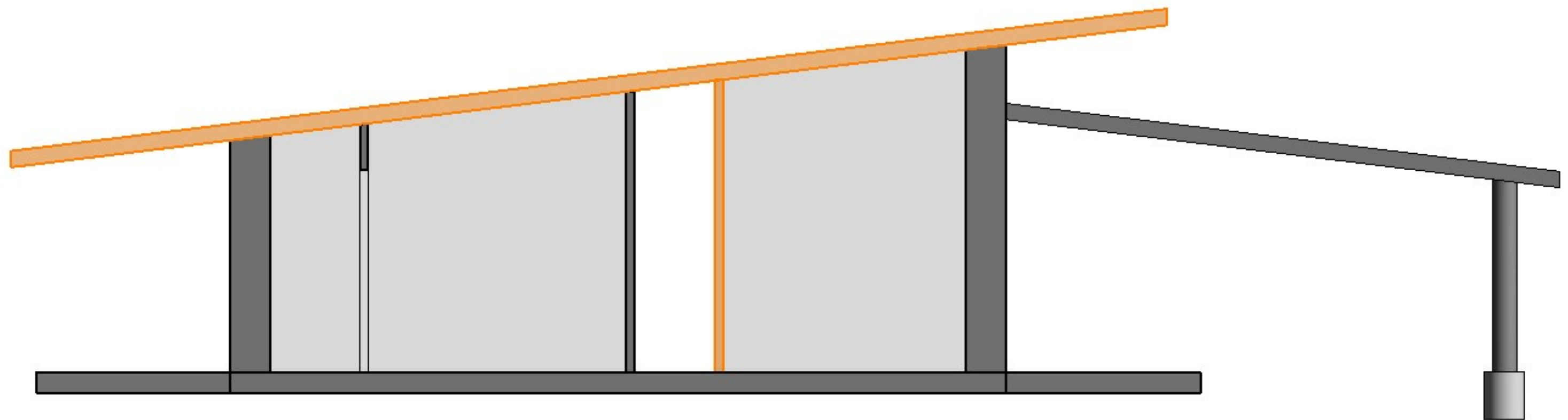
STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047



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Typical Clash Type 1:
Internal wall intersecting
internall wall



DRAWING: Clash Detection 1

PROJECT: Dwelling

SCALE:

PAGE NO. B2

DATE: 31/10/2022

CLASS: CODE2270

STUDENT NAME: Joshua Micallef

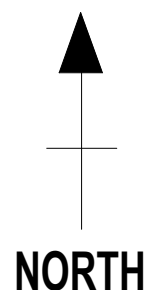
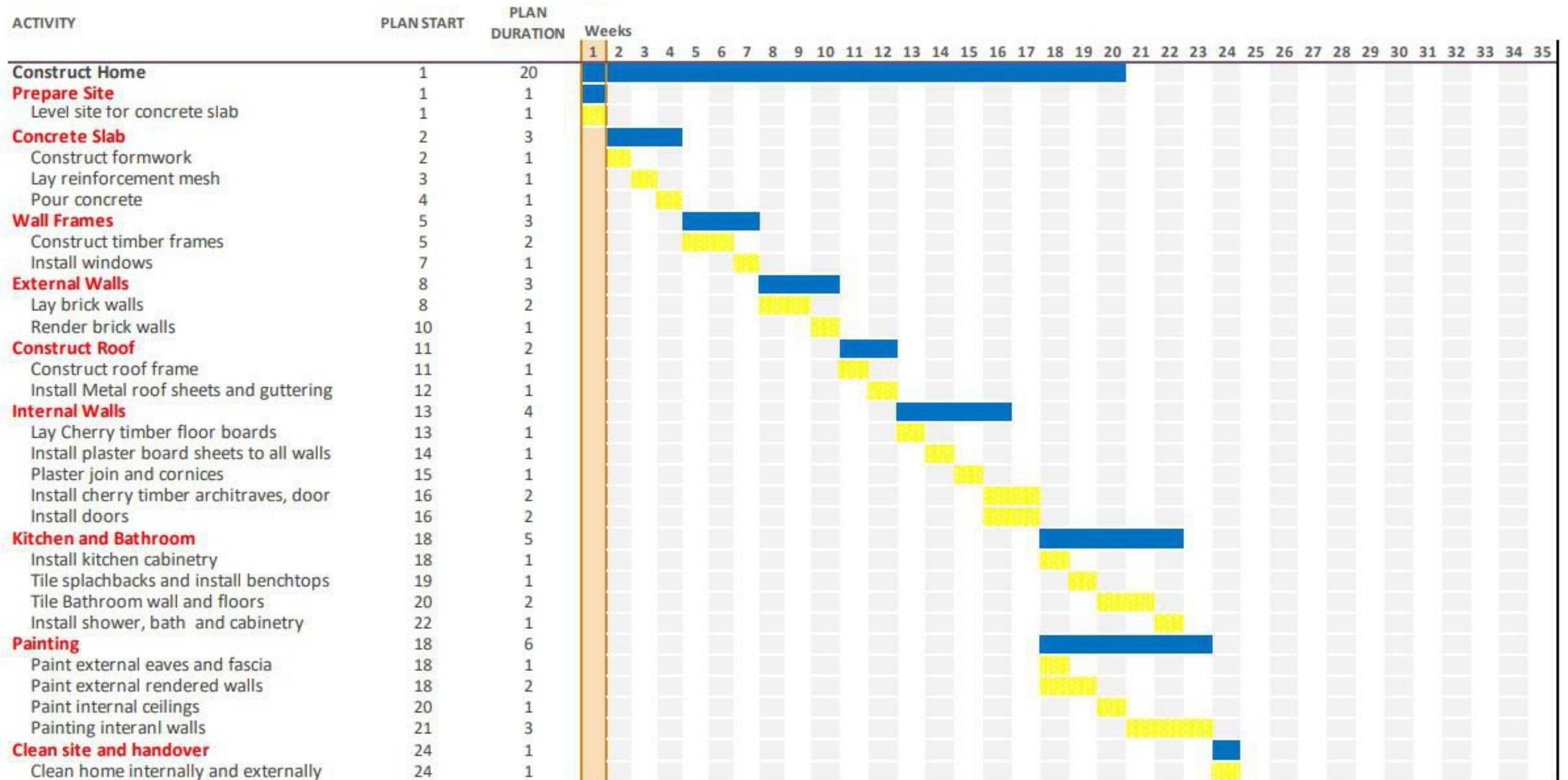
STUDENT NO. z5361047



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Home Project Schedule

1 Plan Duration Actual Start % Complete Actual (beyond plan) % Complete (beyond plan)



DRAWING: Time Sequencing

PROJECT: Dwelling

SCALE:

PAGE NO. B3

DATE: 2/11/2022

CLASS: CODE2270

STUDENT NAME: Joshua Micallef

STUDENT NO. z5361047

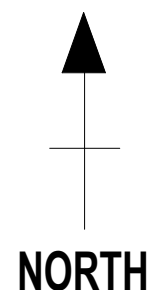


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Activity	Material	Unit of Measure	Quantity	Unit Cost	Estimate
Prepare Site Level site for concrete slab	Excavator	Daily	5	\$ 250.00	\$ 1,250.00
Concrete Slab Timber formwork 6000 x 240 x 35 length Reinforcement mesh 6000 x 2400 sheet Concrete	Timber Reo Steel Concrete	length Sheet cubic m	11 19 55	\$ 102.00 \$ 156.00 \$ 300.00	\$ 1,122.00 \$ 2,964.00 \$ 16,500.00
Wall Frames Timber wall frames Aluminium windows	Timber Aluminium Window	sqm Each	40 9	\$ 5.00 \$ 220.00	\$ 200.00 \$ 1,980.00
External Walls Bricks (33 bricks / sqm) Concrete render	Bricks Cement Render	sqm sqm	86 86	\$ 43.00 \$ 40.00	\$ 3,698.00 \$ 3,440.00
Construct Roof Roof frame Metal roof sheets	Timber Metal roof sheeting	lm sqm	480 268	\$ 3.50 \$ 24.00	\$ 1,680.00 \$ 6,432.00
Internal Walls Cherry timber floor boards Plaster board sheets (1200 x 2400 sheet / 2.9sqm) Plaster Cherry timber architraves, skirting (5400 x 65 x 18 length) External door Internal doors	Timber flooring Plaster board Plaster Cherry timber skirting door Door	sqm sqm kg length each each	90 186 10 23 1 5	\$ 73.00 \$ 6.00 \$ 34.25 \$ 41.00 \$ 250.00 \$ 150.00	\$ 6,570.00 \$ 1,116.00 \$ 342.50 \$ 943.00 \$ 250.00 \$ 750.00
Kitchen and Bathroom Kitchen cabinetry Tile splashbacks Stone bench top Tile Bathroom wall and floors Bath Cabinetry Shower glass	Custom made Tiles Stone bench top Tiles Bath Vanity Glass shower screen	each sqm sqm sqm each each each	1 2 3.2 45 1 1 1	\$ 7,500.00 \$ 35.00 \$ 425.00 \$ 40.00 \$ 650.00 \$ 450.00 \$ 750.00	\$ 7,500.00 \$ 70.00 \$ 1,360.00 \$ 1,800.00 \$ 650.00 \$ 450.00 \$ 750.00
Painting External Paint Internal Paint	Weather resistant paint Washable paint	litre litre	60 135	\$ 17.30 \$ 16.50	\$ 1,038.00 \$ 2,227.50
Clean site and handover Cleaning products	Cleaning products	each	1	\$ 100.00	\$ 100.00

TOTAL

\$ 65,183.00



DRAWING: Material Takeoff

SCALE:

DATE: 2/11/2022

STUDENT NAME: Joshua Micallef

PROJECT: Dwelling

PAGE NO. B4

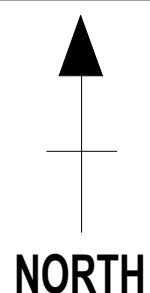
CLASS: CODE2270

STUDENT NO. z5361047



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Activity	Duration Weeks	Trade	Resources	Manhours	Hourly Rate	Total
Prepare Site Level site for concrete slab	1	Machine operator	2	10	\$ 120.00	\$ 1,200.00
Concrete Slab Construct formwork	1	Concretor	4	20	\$ 65.00	\$ 1,300.00
Lay reinforcement mesh	1	Concretor	4	20	\$ 65.00	\$ 1,300.00
Pour concrete	1	Concretor	4	20	\$ 75.00	\$ 1,500.00
Wall Frames Construct timber frames	2	Carpenter	3	30	\$ 85.00	\$ 2,550.00
Install windows	1	Carpenter	2	10	\$ 85.00	\$ 850.00
External Walls Lay brick walls	2	Brick layer	4	40	\$ 70.00	\$ 2,800.00
Render brick walls	1	Renderer	2	10	\$ 75.00	\$ 750.00
Construct Roof Construct roof frame	1	Carpenter	2	10	\$ 85.00	\$ 850.00
Install Metal roof sheets and guttering	1	Rofer	2	10	\$ 75.00	\$ 750.00
Internal Walls Lay Cherry timber floor boards	1	Carpenter	2	10	\$ 85.00	\$ 850.00
Install plaster board sheets to all walls	1	Carpenter	4	20	\$ 85.00	\$ 1,700.00
Plaster join and cornices	1	Plasterer	2	10	\$ 75.00	\$ 750.00
Install cherry timber architraves, door	2	Carpenter	2	20	\$ 85.00	\$ 1,700.00
Install doors	2	Carpenter	1	10	\$ 85.00	\$ 850.00
Kitchen and Bathroom Install kitchen cabinetry	1	Joiner	2	10	\$ 75.00	\$ 750.00
Tile splashbacks and install benchtops	1	Tiler	1	5	\$ 70.00	\$ 350.00
Tile Bathroom wall and floors	2	Tiler	1	10	\$ 70.00	\$ 700.00
Install shower, bath and cabinetry	1	Joiner	2	10	\$ 75.00	\$ 750.00
Painting Paint external eaves and fascia	1	Painter	2	10	\$ 65.00	\$ 650.00
Paint external rendered walls	2	Painter	2	20	\$ 65.00	\$ 1,300.00
Paint internal ceilings	1	Painter	2	10	\$ 65.00	\$ 650.00
Painting internal walls	3	Painter	2	30	\$ 65.00	\$ 1,950.00
Clean site and handover Clean home internally and externally	1	Cleaner	2	10	\$ 50.00	\$ 500.00
TOTAL						\$ 27,300.00



DRAWING: Labour Resources

SCALE:

DATE: 2/11/2022

STUDENT NAME: Joshua Micallef

PROJECT: Dwelling

PAGE NO. B5

CLASS: CODE2270

STUDENT NO. z5361047



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