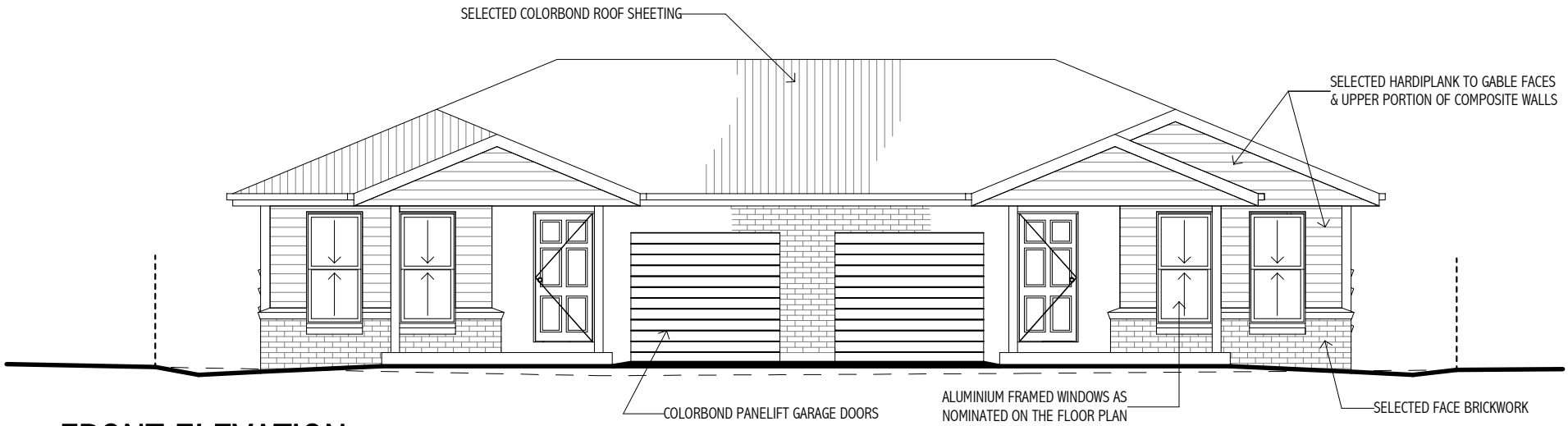
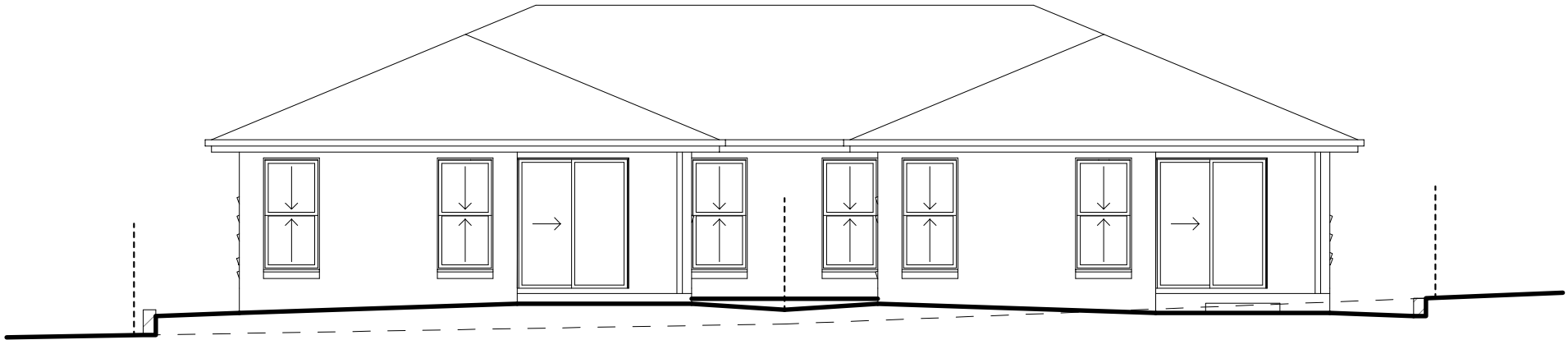
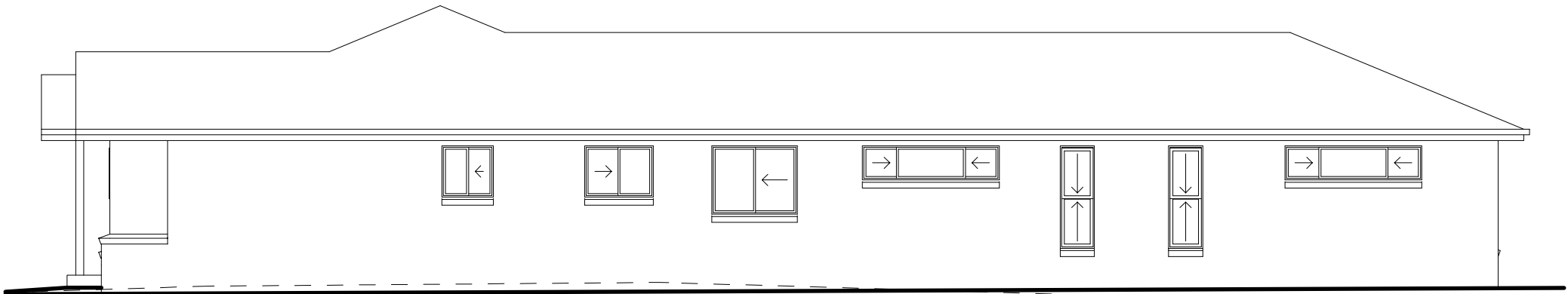




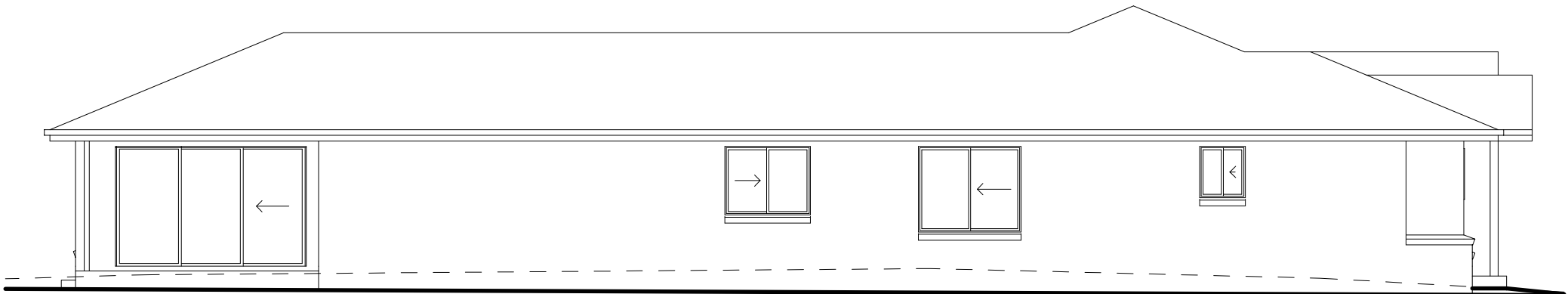
FRONT ELEVATION
SCALE 1:100



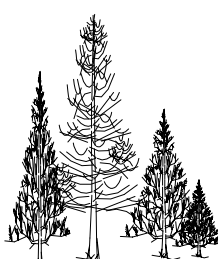
REAR ELEVATION
SCALE 1:100

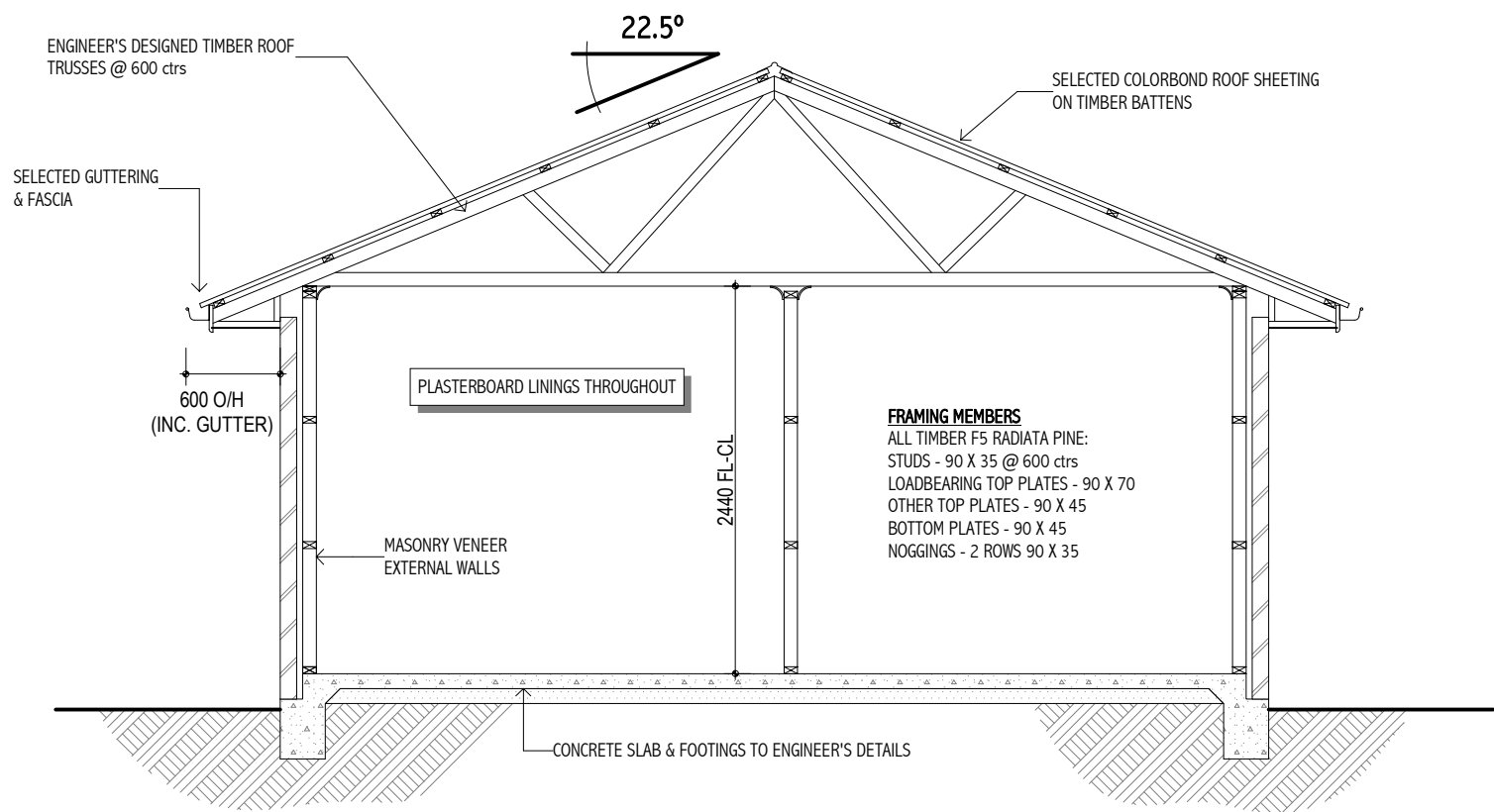


SIDE ELEVATION
SCALE 1:100



SIDE ELEVATION
SCALE 1:100

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Project PROPOSED DUAL OCCUPANCY 127 MADEIRA ROAD MUDGEE, N.S.W. FOR: JAMES HUGHES	Drawn WLK/CIK Date 28-3-2023	Amendments	Rev Ref 22/107	



SECTION - TYPICAL
SCALE 1:50

NOTES

1. INTERNAL DIVIDING WALL CONSTRUCTION

THE DIVIDING WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SINIAT INTERHOME SEPARATING WALL SYSTEM FOR LOW RISE MULTI RESIDENTIAL CONSTRUCTION DESIGN & INSTALLATION GUIDE. (EXCERPTS ILLUSTRATED IN THIS DRAWING SET)

THE WALL SYSTEM IS THE SINIAT TIMBER SYSTEMS CODE IHW1 & IHW5 FOR WET AREAS, FOR 90mm STUD DEPTH & R2.5 PINK BATTS BOTH SIDES.

WHERE MASONRY VENEER EXTERNAL WALLS CROSS THE DIVIDING WALL, PROVIDE MINERAL FIBRE OR OTHER FIRE RESISTANT MATERIAL IN THE CAVITY TO THE EXTENT OF THE CROSSING. MAINTAIN THE WALL SARKING AT THE OUTSIDE OF THE FRAMING FOR WATERPROOFING.

THE SHAFT LINER IS TO EXTEND TO THE UNDERSIDE OF THE ROOF SHEETING AND IS TO BE NON LOADBEARING. ONLY ROOF BATTENS MAY PASS THROUGH THE WALL. PROVIDE MINERAL FIBRE PACKING IN ANY GAP BETWEEN THE ROOF SHEETING AND THE TOP OF THE WALL.

THE ABOVE SPECIFICATIONS MEET B.C.A. REQUIREMENTS FOR FIRE SEPARATION AND SOUND INSULATION IN RESPECT TO PART 3.7.3 & CLAUSE 3.8.6.2 AND RELEVANT PORTIONS OF A.S. 3700.

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Timber Systems

IHW1	• 1 layer of 10mm soundshield or opal • Timber stud framing with insulation • Minimum 20mm air-gap • 1 layer of 25mm shaftliner or intershield encased in interhome H-studs • Minimum 20mm air-gap • Timber stud framing with insulation • 1 layer of 10mm soundshield or opal					Fire Resistance Level 60/60/60 rated for the wall frame opposite to fire attack Fire Report FC11661	
	Minimum Cavity On Each Side (mm)	Wall Width (mm)	Sound Insulation Rw (Rw + Ctr)			Acoustic Report Day Design 3094-42 Note: Impact Sound Resistant - Discontinuous Construction	
	Cavity size = stud size + air-gap		2 x Pink® Batts R2.5				
	110 (eg: 70 stud + 40 gap or 90 stud + 20 gap)	265	64 (50)				

IHW2	• 1 layer of 13mm soundshield or trurock • Timber stud framing with insulation • Minimum 20mm air-gap • 1 layer of 25mm shaftliner or intershield encased in interhome H-studs • Minimum 20mm air-gap • Timber stud framing with insulation • 1 layer of 13mm soundshield or trurock					Fire Resistance Level 60/60/60 rated for the wall frame opposite to fire attack Fire Report FC11661	
	Minimum Cavity On Each Side (mm)	Wall Width (mm)	Sound Insulation Rw (Rw + Ctr)				Acoustic Report Day Design 3094-42 Note: Impact Sound Resistant - Discontinuous Construction
	Cavity size = stud size + air-gap		2 x Pink® Batts Wall R2.0	2 x Pink® Batts Wall R2.5	2 x Polyester R1.5	2 x Polyester R2.0	
	90 (eg: 70 stud + 20 gap)	231	67 (52)	68 (53)*	65 (50)	64 (51)	
	110 (eg: 90 stud + 20 gap)	271	67 (55)	69 (56)	66 (51)	65 (53)	

IHW4	• 1 layer of 13mm watershield • Timber stud framing with insulation • Minimum 20mm air-gap • 1 layer of 25mm shaftliner or intershield encased in interhome H-studs • Minimum 20mm air-gap • Timber stud framing with insulation • 1 layer of 13mm watershield					Fire Resistance Level 60/60/60 rated for the wall frame opposite to fire attack Fire Report FC11661	
	Minimum Cavity On Each Side (mm)	Wall Width (mm)	Sound Insulation Rw (Rw + Ctr)				Acoustic Report Day Design 3094-42 Note: Impact Sound Resistant - Discontinuous Construction
	Cavity size = stud size + air-gap		2 x Pink® Batts Wall R2.0	2 x Pink® Batts Wall R2.5 HD	2 x Pink® Batts Wall R2.5	2 x Polyester R2.0	
	90 (eg: 70 stud + 20 gap)	231	-	65 (50)	65 (50)*	-	
	110 (eg: 90 stud + 20 gap)	271	61 (51)	66 (51)	66 (51)	63 (50)	

IHW5	• 1 layer of 6mm Villaboard™ • Timber stud framing with insulation • Minimum 20mm air-gap • 1 layer of 25mm shaftliner or intershield encased in interhome H-studs • Minimum 20mm air-gap • Timber stud framing with insulation • 1 layer of 6mm Villaboard™					Fire Resistance Level 60/60/60 rated for the wall frame opposite to fire attack Fire Report FC11661	
	Minimum Cavity On Each Side (mm)	Wall Width (mm)	Sound Insulation Rw (Rw + Ctr)			Acoustic Report Day Design 3094-20 3094-42 Note: Impact Sound Resistant - Discontinuous Construction	
	Cavity size = stud size + air-gap		2 x Pink® Batts Wall R2.0 HD	2 x Pink® Batts R2.5	2 x Pink® Batts Wall R2.5 HD		
	90 (eg: 70 stud + 20 gap)	217	-	-	65 (50)		
	110 (eg: 90 stud + 20 gap)	257	65 (50)	65 (50)	67 (51)		

*Use Pink® Partition 110mm 11kg/m³ R2.5

DIVIDING WALL DETAILS - 1

FOR COMPLETE SPECIFICATION AND INSTALLATION DETAILS, REFER TO
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PROPOSED DUAL OCCUPANCY
127 MADEIRA ROAD MUDGEES, N.S.W.
FOR: JAMES HUGHES

Drawn

WLK/CIK

Date

28-3-2023

Notes

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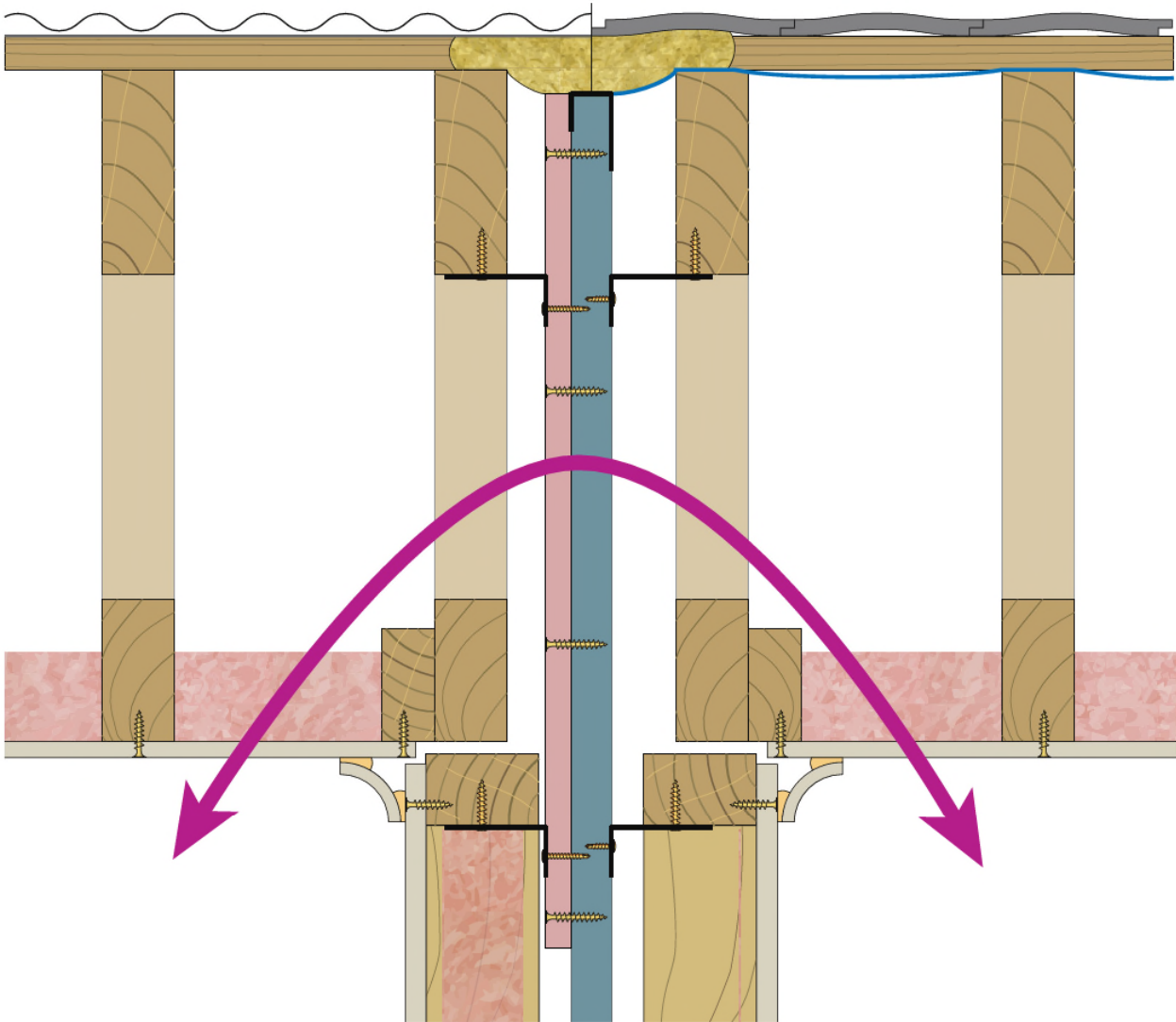


Ceiling Attenuation Class Systems

CAC170

Set plasterboard ceiling divided by **interhome** Wall System

[This system is suitable for timber or steel roof framing]
[Sound insulation numbers based on minimum 200mm cavity]
[Wall to ceiling junction must be square set or finished with cornice to achieve acoustic rating]



System	Ceiling Lining	Airborne Sound Insulation Rw (Rw + Ctr)	
		Minimum R1.5 Pink® Batts over the ceiling 1200mm from the Shaftliner on both sides	Acoustic Report Day Design 4738-5
CAC170	1 layer of 10mm mastashield or spanshield	60 (50)	

DIVIDING WALL DETAILS - 2

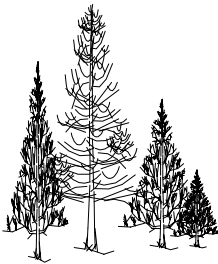
FOR COMPLETE SPECIFICATION AND INSTALLATION DETAILS, REFER TO
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FOR: JAMES HUGHES

Drawn

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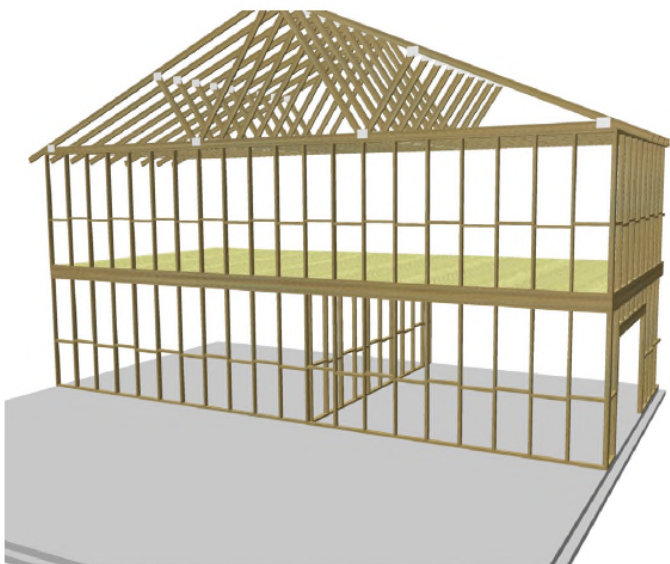


FIGURE 14 Install the Frame of the First Dwelling

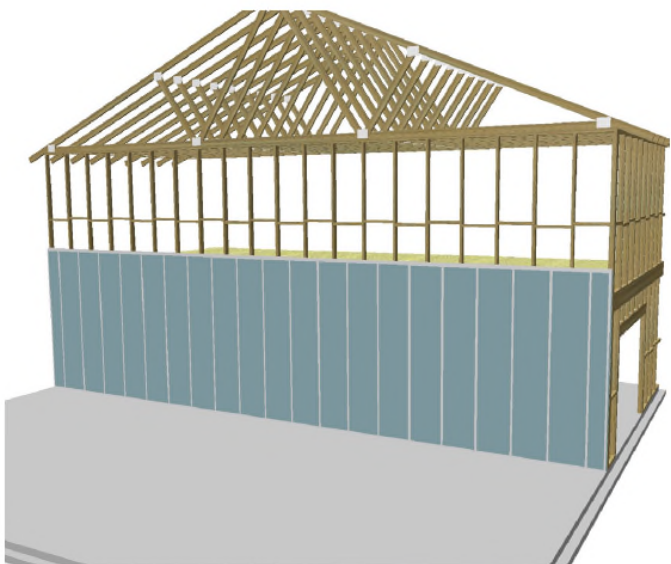


FIGURE 15 Install the First Row of the Central Fire Barrier

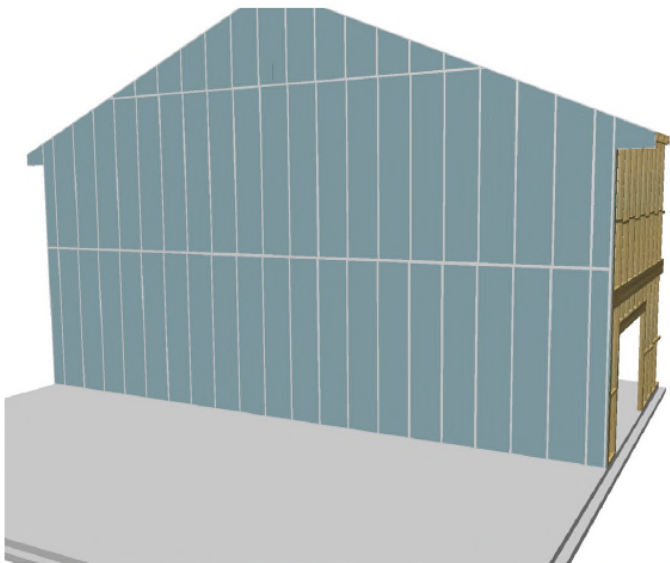


FIGURE 16 Continue Central Fire Barrier to the Roof Lining (for Non-combustible Roof Lining Only)

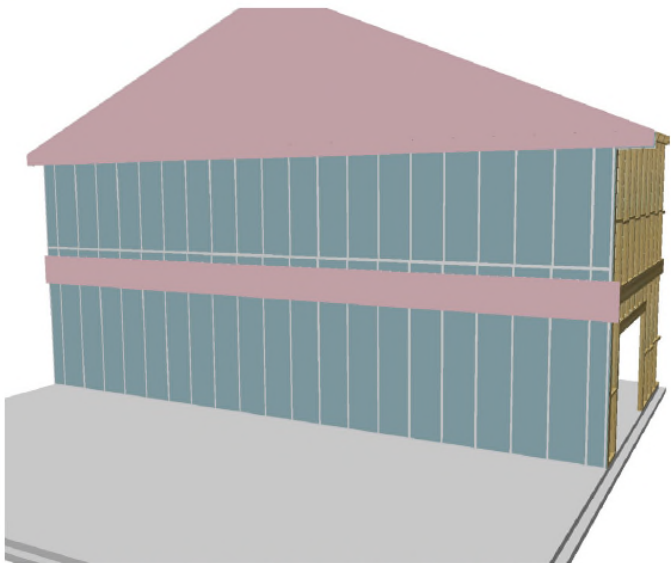


FIGURE 17 Laminate 16mm Fireshield to Central Fire Barrier

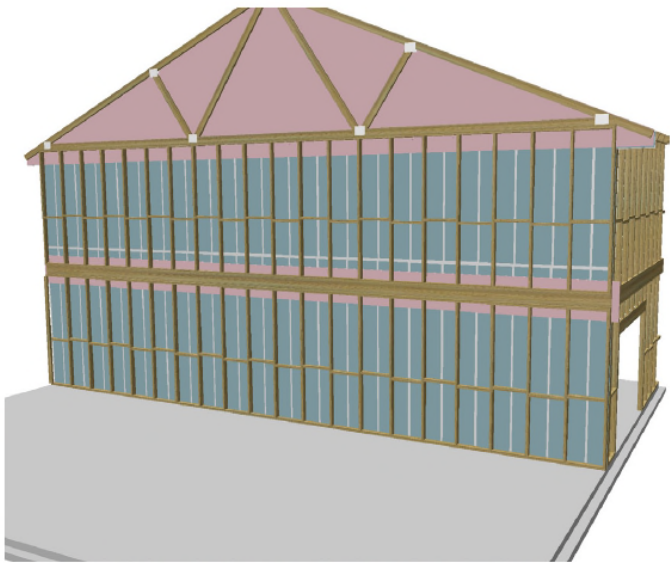
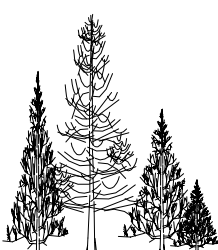


FIGURE 18 Install Frame of the Next Dwelling

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DIVIDING WALL DETAILS - 3

FOR COMPLETE SPECIFICATION AND INSTALLATION DETAILS, REFER TO
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Date 28-3-2023	Ref 22/107	Date Details										



Fire Rated
Interhome Wall Base Details

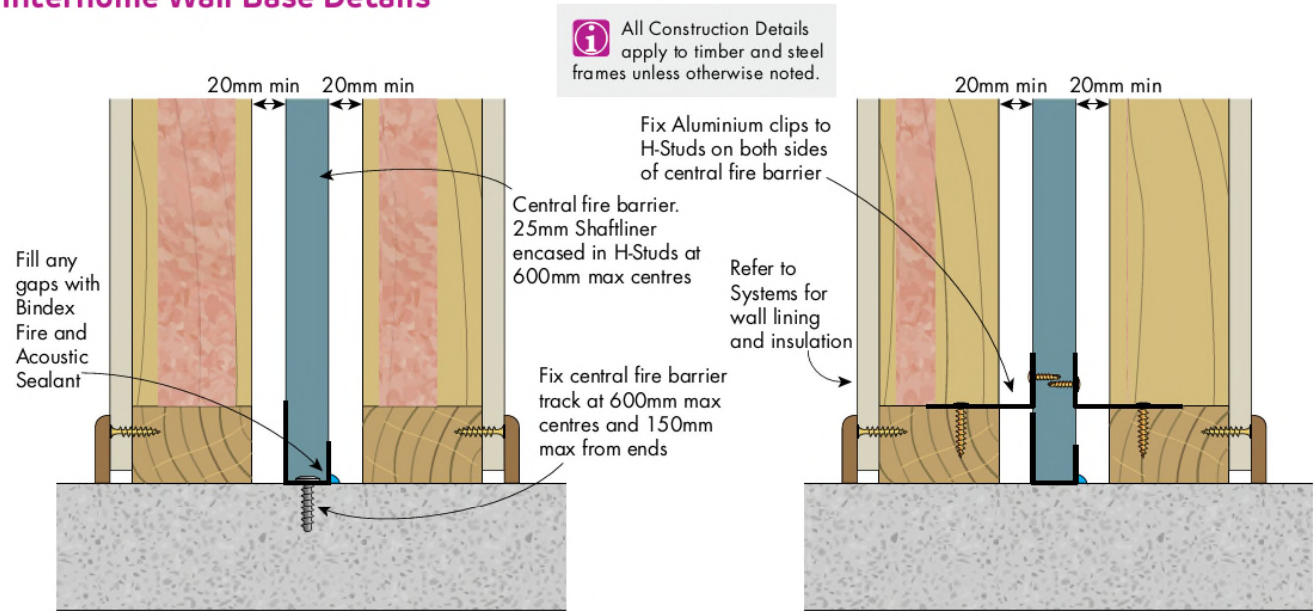


FIGURE 20 Interhome Wall Base to Slab
FRL 60/60/60
Section

FIGURE 21 Interhome Wall Base to Slab - Alternate
Detail
FRL 60/60/60
Section

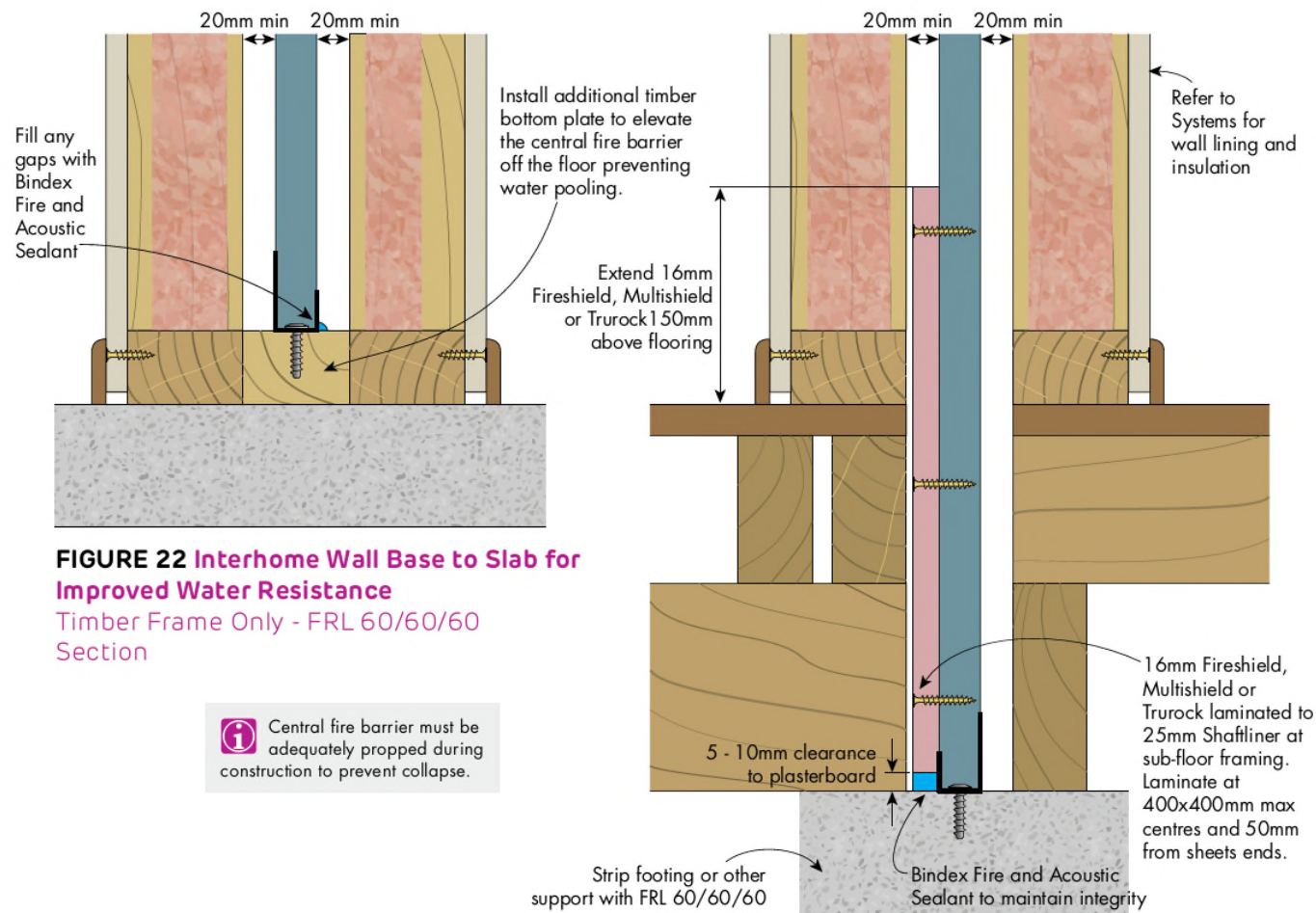


FIGURE 22 Interhome Wall Base to Slab for
Improved Water Resistance
Timber Frame Only - FRL 60/60/60
Section

FIGURE 23 Suspended Ground Floor
FRL 60/60/60
Section

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DIVIDING WALL DETAILS - 4

FOR COMPLETE SPECIFICATION AND INSTALLATION DETAILS, REFER TO
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Fire Rated
Interhome Wall To Roof Lining

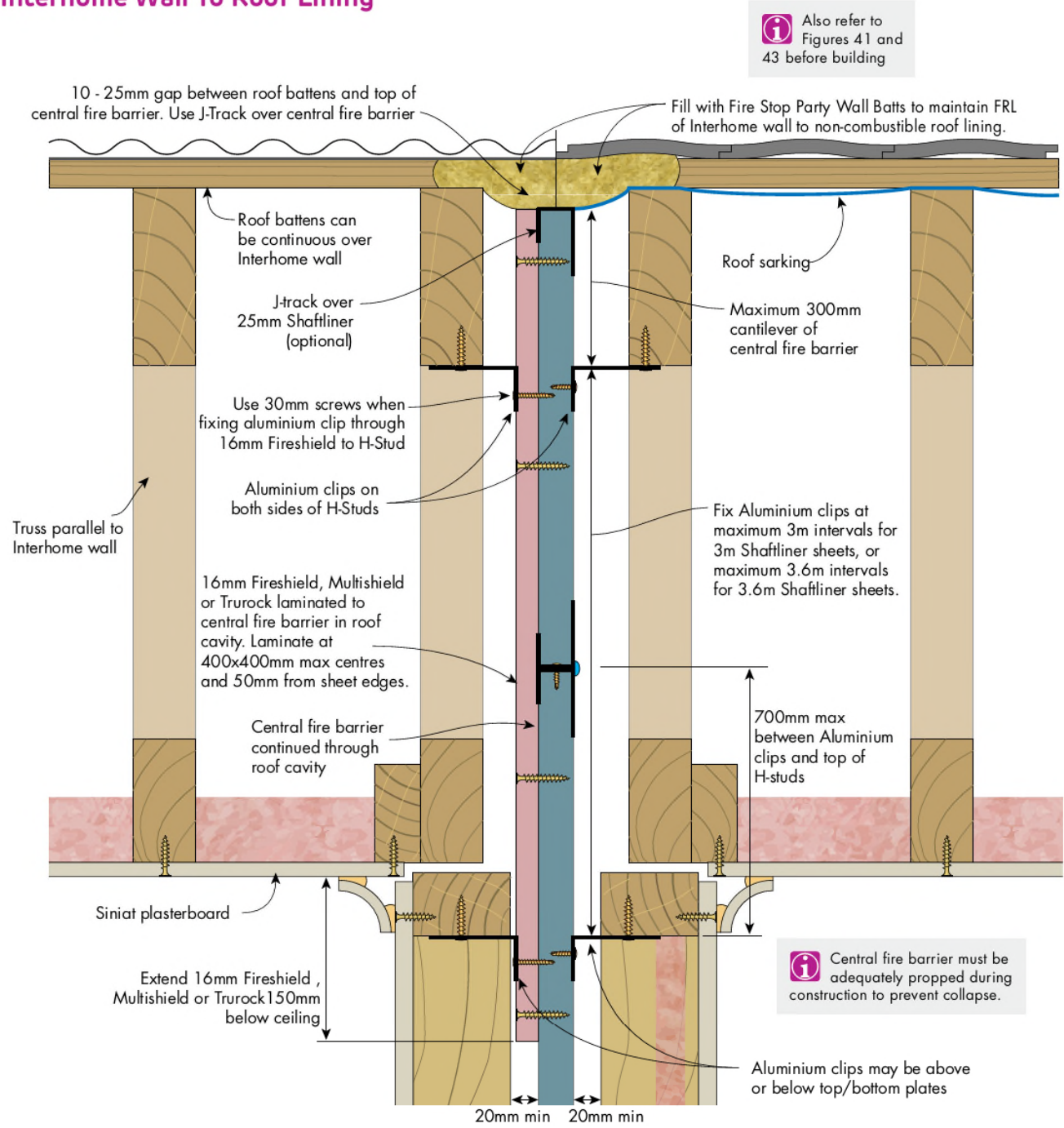


FIGURE 33 Interhome Wall to Roof Lining
FRL 60/60/60
Section

DIVIDING WALL DETAILS - 5

FOR COMPLETE SPECIFICATION AND INSTALLATION DETAILS, REFER TO
SINIAT INTERHOME SEPARATING WALL SYSTEM FOR LOW RISE MULTI RESIDENTIAL CONSTRUCTION
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Fire Rated
Interhome Wall Over Common Eave Or Verandah Space

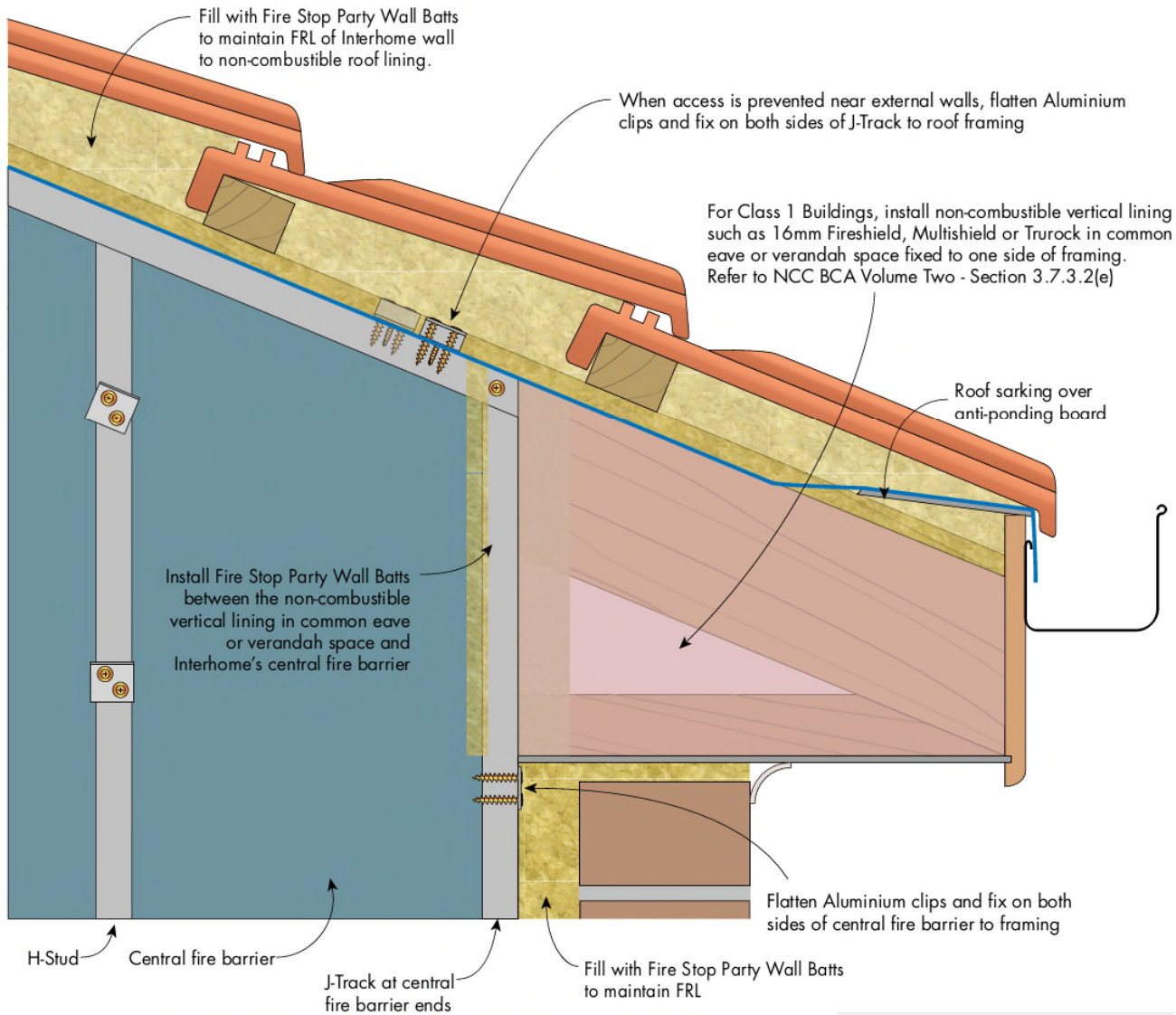


FIGURE 43 Interhome over Common Eave or Verandah Space
FRL 60/60/60
Section

Fill any gaps with Bindex Fire and Acoustic Sealant to maintain integrity

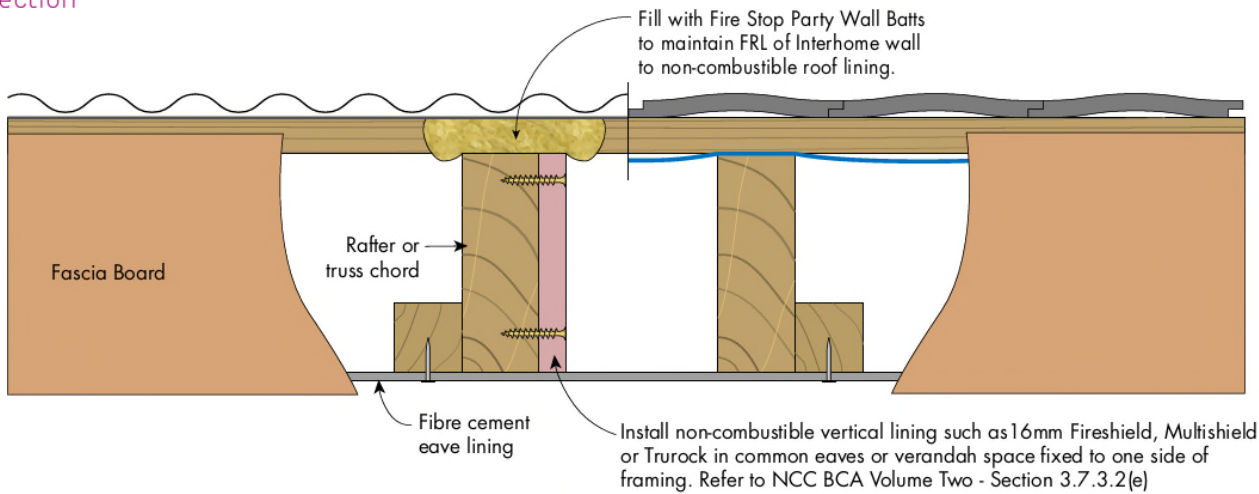


FIGURE 44 Interhome over Eave End Detail for Class 1 Buildings
FRL 60/60/60
Section

DIVIDING WALL DETAILS - 6

FOR COMPLETE SPECIFICATION AND INSTALLATION DETAILS, REFER TO
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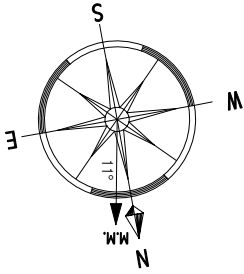
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LEGEND

CONTOUR LINES ARE EXISTING SITE LEVELS AT THE TIME OF THE SITE INSPECTION. THE BUILDER IS TO CONFIRM ALL HEIGHTS AND GRADIENTS AGAINST EXISTING PRIOR TO THE CONSTRUCTION COMMENCEMENT.

SPOT LEVELS DENOTE PROPOSED FINISHED SURFACE LEVELS WHICH ARE PROPOSED TO BE MODIFIED FROM EXISTING. OTHER AREAS NOT INDICATED WITH SPOT LEVELS ARE TO REMAIN UNCHANGED UNLESS NOTIFIED OTHERWISE. GRADE FINISHED SURFACE LEVELS EVENLY BETWEEN INDICATED SPOT LEVEL HEIGHTS.

DENOTES PROPOSED SURFACE WATER DRAINAGE DIRECTION AROUND THE SITE BOUNDARY.



RETAINING WALL INSIDE FENCE LINE TO DETAILS BY OTHERS TO EXTENT OF PROPOSED CUT AREA

RETAINING WALL INSIDE FENCE LINE TO DETAILS BY OTHERS. TOP OF WALL TO LOWER FILLED AREA TO FINISH 100 ABOVE FINISHED SURFACE LEVELS TO PREVENT SURFACE WATER ENTERING ADJOINING PROPERTIES

UNIT 1

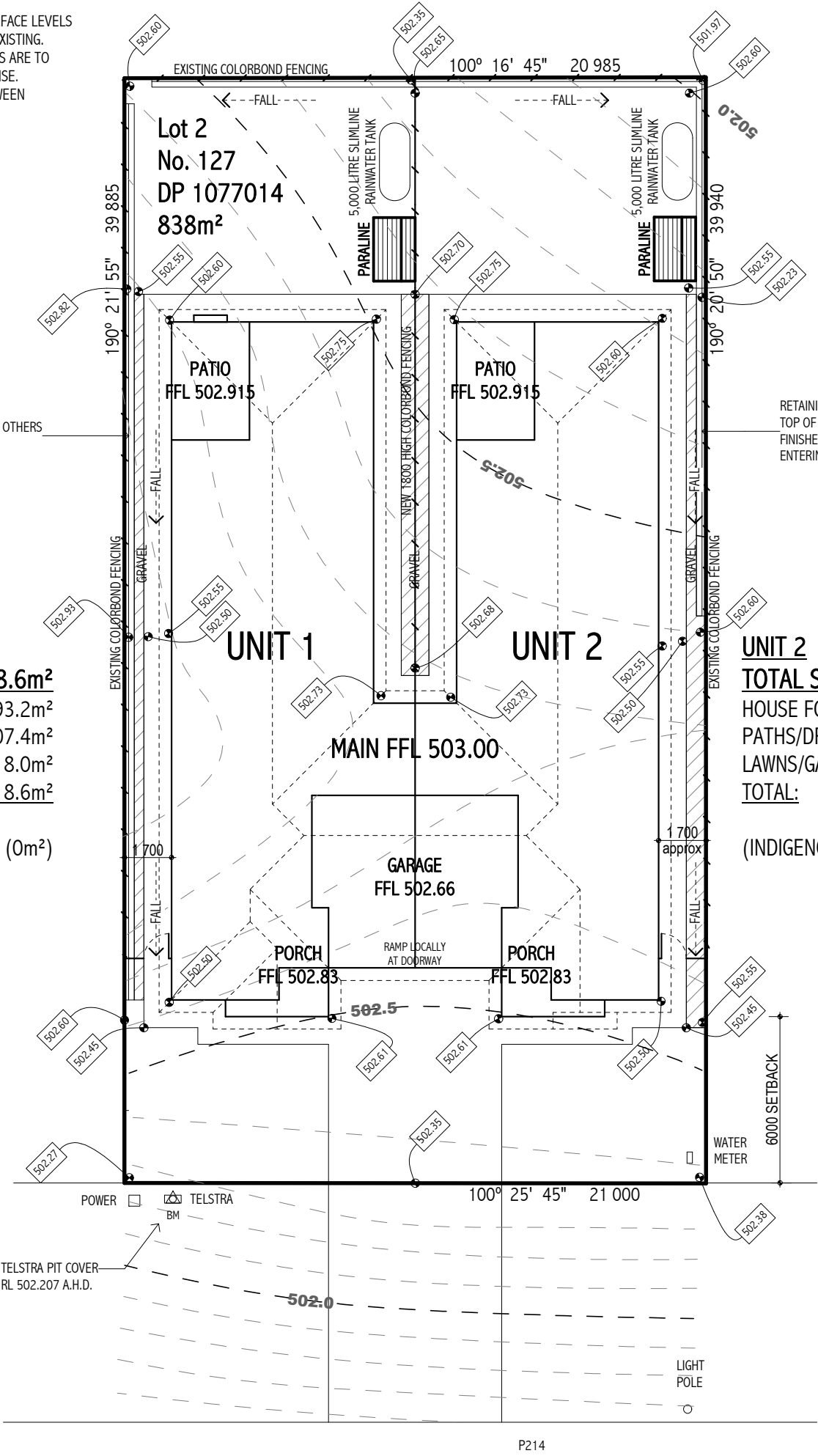
TOTAL SITE AREA: 418.6m²
HOUSE FOOTPRINT/SHEDS ETC.: 193.2m²
PATHS/DRIVEWAYS/HARDSTAND AREAS: 107.4m²
LAWNS/GARDENS (REMAINDER): 118.0m²
TOTAL: 418.6m²

(INDIGENOUS/LOW WATER GARDENS): (0m²)

UNIT 2

TOTAL SITE AREA: 419.4m²
HOUSE FOOTPRINT/SHEDS ETC.: 193.2m²
PATHS/DRIVEWAYS/HARDSTAND AREAS: 105.3m²
LAWNS/GARDENS (REMAINDER): 120.9m²
TOTAL: 419.4m²

(INDIGENOUS/LOW WATER GARDENS): (0m²)



The driveway is to be constructed in accordance with AS 2890.1—2004, Parking facilities—Off-street car parking

MADEIRA ROAD

LEVELS ADOPTED FROM PM 70969 AT INTERSECTION RL 502.088 A.H.D.



SITE PLAN
SCALE 1:200

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FOR: JAMES HUGHES

Drawn

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Date

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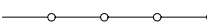
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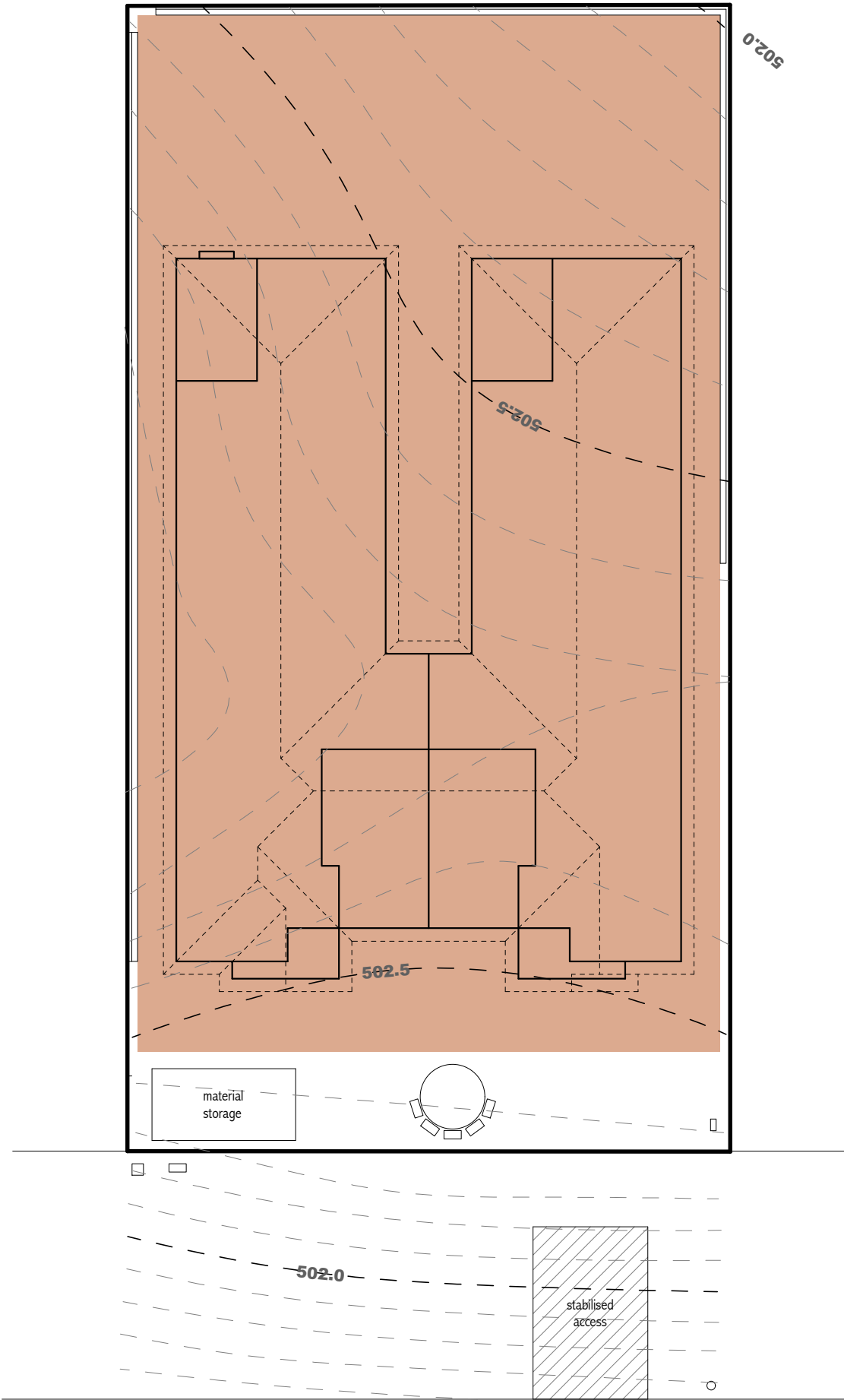
straw bales as sediment
barrier to sand piles



extent of clearing



sediment fence

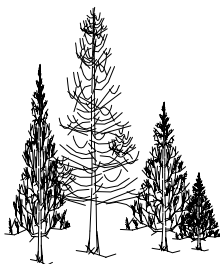


MADEIRA ROAD

SEDIMENT CONTROL PLAN

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