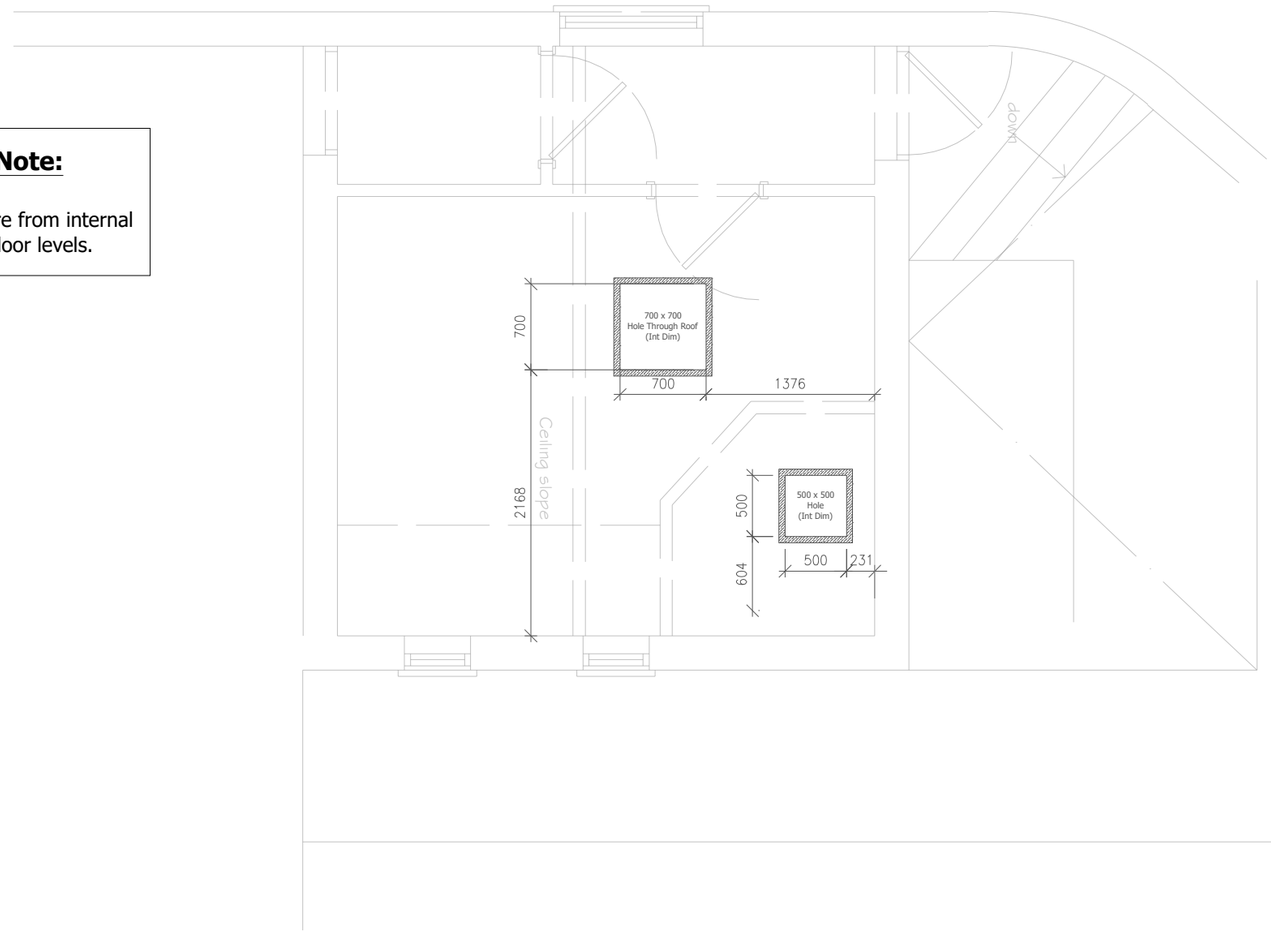
DO NOT SCALE

Important Note:

All dimensions shown are from internal walls and finished floor levels.

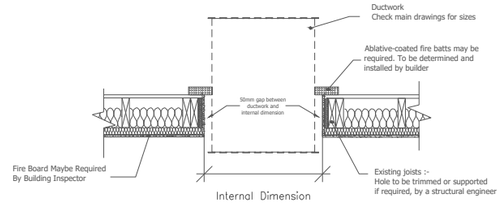


BW BUILDERS WORK FOR VENTILATION

Scale: 1:50

Ductwork - Through Timber Joists

(Joists - Structure to engineers detail)



Builders Notes:- Floor & Roof Openings

Floor & Roof Openings Preparation:

- Building contractor to confirm exact location and size of all openings prior to cutting or forming.
- Ensure all floor and roof openings for duct penetrations are properly aligned with duct dimensions as per the drawings.
- Builder to verify all ductwork openings do not conflict with structural elements, electrical conduits, plumbing systems or other clashes.

Dimensions and Clearances:

- Allow a minimum clearance of around ductwork for sealing and insulation.
- Refer to duct drawings for exact duct dimensions, including insulation thickness where applicable.

Fire-Rating:

- Firestopping installation to be complete by others after the ductwork installation comply with local fire code requirements.

Reinforcement Requirements:

- Ensure all reinforcement materials, including steel or concrete elements, are installed per structural engineer's specifications.
- Additional steel reinforcement may be required around openings to redistribute loads.
- Roof openings should be framed with steel plates, beams, or concrete strengthening as needed.

Verification and Adjustments:

- Builder to confirm site conditions and adjust opening locations or sizes as necessary to align with as-built conditions.
- Any discrepancies between duct drawing dimensions and site conditions must be reported to the ventilation contractor prior to installation.

Penetration Sealing:

- After the ductwork has been passed through the ventilation holes through internal floors, the builder is responsible for making up or trimming the holes to ensure a sufficient, neat finish.
- All holes must be trimmed to a size that is appropriate for the ducting, with sufficient clearance and sealed.
- Ensure that any gaps between the duct and the hole are properly sealed using appropriate materials (e.g., fire-rated sealant, foam, or mineral wool) to maintain the integrity of the building and prevent drafts, water ingress, or fire hazards.
- The building contract shall provide a weathered upstand through the roof and temporarily cover this prior to the ventilation install.
- A galvanized cravat will be supplied to ensure weatherproofing around ventilation penetrations through roofs, preventing water ingress.



SCALE BAR - 1:50

E	
D	Revised Elevation Views
C	Added Additional Elevation View
B	Revised Following Comments
A	For Approval

CONCEPT



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Customer:		CCF Ref:		Scale:	1:50 @ A3	Revision:	
Project:	White Horse Pullbrough	Date:	11/09/25	Drawn By:	SB		
Description:	Builders Work	DrawingNo:	WHP-BW-00-6001	Material:			