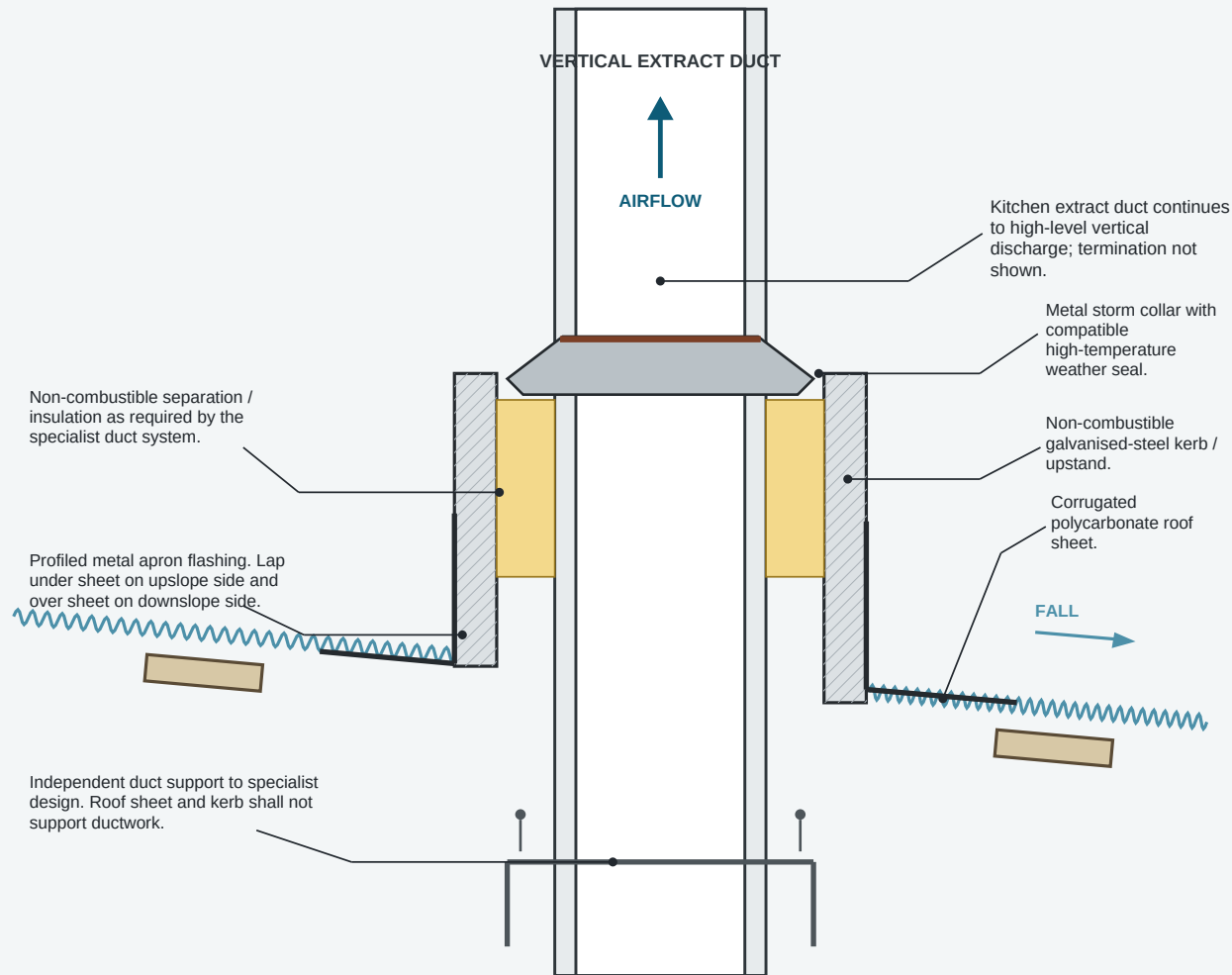


TYPICAL EXTRACT DUCT / POLYCARBONATE ROOF PENETRATION

2D SECTION DETAIL | NTS
PLANNING / COORDINATION



Diagrammatic section - geometry and dimensions to be coordinated with the final installed system.

KEY CONSTRUCTION NOTES

- 1 Ductwork to remain structurally independent of the lightweight roof and its supporting frame.
- 2 Provide a non-combustible proprietary kerb / upstand and formed galvanised-steel apron flashing at the penetration.
- 3 Maintain separation from combustible roofing in accordance with the kitchen-extract / fire-rated duct manufacturer's requirements.
- 4 Provide non-combustible insulation or a certified penetration system where required by the final fire strategy and Building Control.
- 5 Use only sealants, tapes and closures confirmed as compatible with the selected polycarbonate roofing product.
- 6 Do not form a sealant-only junction and do not use combustible expanding foam around the duct penetration.
- 7 Lay roof sheets to falls and form all flashing laps in the direction of water flow. Final detail by specialist contractor.

COORDINATION NOTE

This typical detail does not fix the duct diameter, kerb height, annular clearance or fire rating. Confirm all dimensions and performance requirements with the extraction specialist, roofing manufacturer and Building Control before construction.

FLAME GRILL

3-5 West Street, Storrington
Typical external extraction detail

DRAWING TITLE

Duct / roof penetration
2D section detail

SCALE

NTS

DATE

14.09.2026

REV

P01