

CONTINUOUS FLOW WATER HEATER RECESS BOX INSTALLATION INSTRUCTIONS

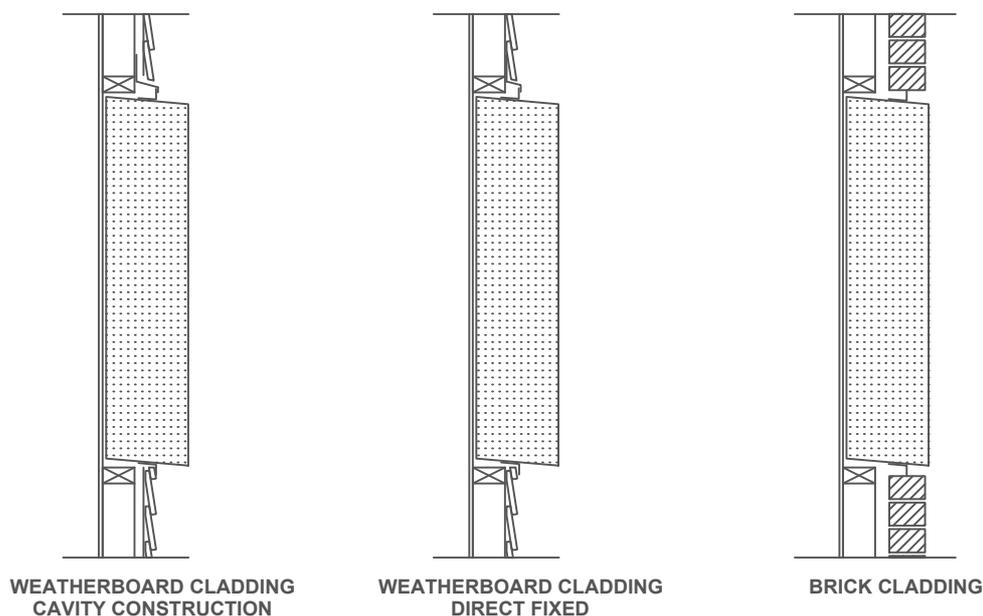
**THESE INSTRUCTIONS ARE A GUIDE ONLY.
ALL WORK IS TO COMPLY WITH AS/NZS 5601: GAS INSTALLATIONS,
AND THE CURRENT VERSION OF THE NZ BUILDING CODE.**

Read through all instructions before start of work

1. Ensure all supplied kit components are on hand (see page 2).
2. Ensure the location of the recess kit allows for clearances as per the attached recommended clearances diagram (see page 3).
3. Prepare an opening in the wall 1050 mm high and 425 mm wide as per the attached relevant detail (see page 4). Ensure prior to any cavity preparation that there is sufficient wall depth for the recess box. Note: Minimum depth required for fully recessed installation is 190mm.
4. Ensure the included closed cell polystyrene insulation is between the internal lining and the back of the recess box to form a thermal break. Supplied attached to recess box. (see pages 5-8).
5. Locate and pop-ribose top, side and base flashings to the recess box, based on the wall cavity depth. Apply approved sealant from the front around the full perimeter of the recess box and flashings (see pages 4-8).
6. Drill holes through the sides of the recess box at the desired fixing points and secure the box to the structure (see pages 5-8).
7. Install the electrical cabling, gas, cold water supply and hot water outlet pipes through the pipe entry holes in the base or side of the box. PLEASE NOTE: THE PIPE ENTRY HOLE CENTRES ARE NOT ALIGNED WITH THE CONTINUOUS FLOW UNIT FITTINGS, DUE TO MODEL VARIATIONS AND STANDARD WALL CONSTRUCTION.
8. All pipe-work penetrations, un-used entry holes and un-used fixing holes must all be hermetically sealed (air tight) from the building cavity. 3x bungs are supplied for un-used entry holes.
9. The weatherproof electrical power outlet required (not supplied), can be fitted inside the recess box.

CONTINUOUS FLOW WATER HEATER RECESS BOX

TYPICAL INSTALLATION TYPES:

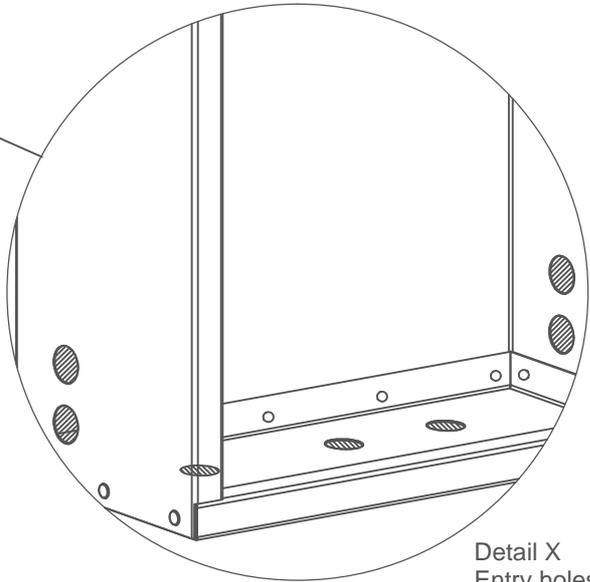
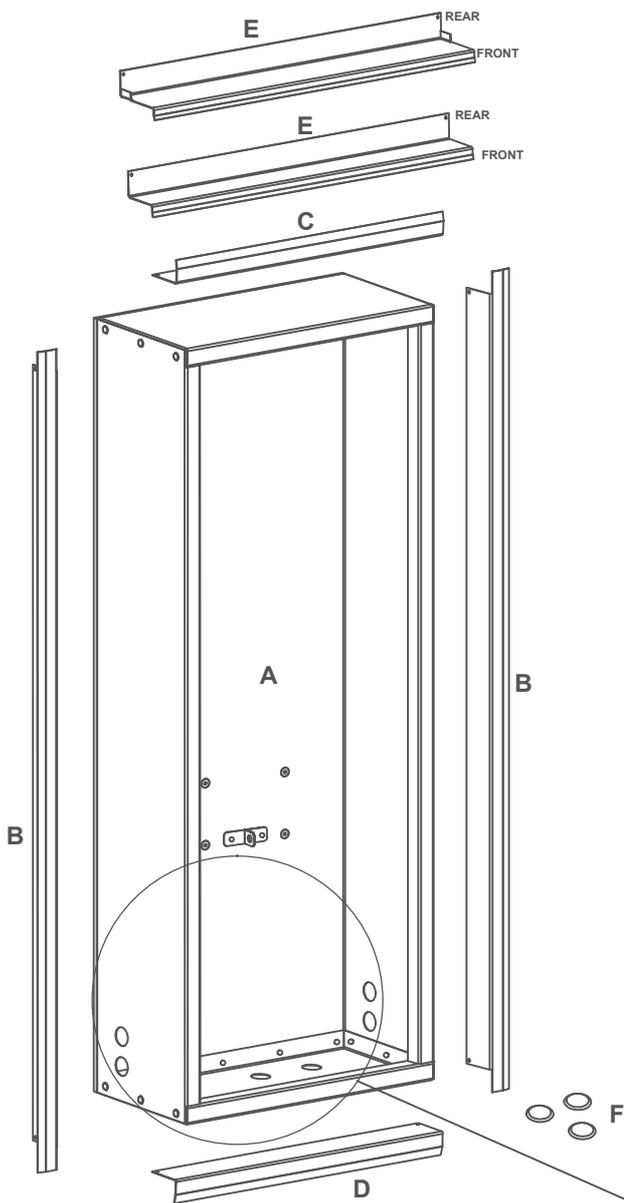


**CONTINUOUS FLOW WATER HEATER RECESS BOX
PARTS LIST:**

- A:** 1x Continuous Flow Water Heater recess box
- B:** 2x Jamb (side) angle flashings (both ends notched)
- C:** 1x Top angle flashing
- D:** 1x Base angle flashing
- E:** 2x Head flashings 50x535mm and 70x535mm
- F:** 3x bungs to seal un-used entry holes

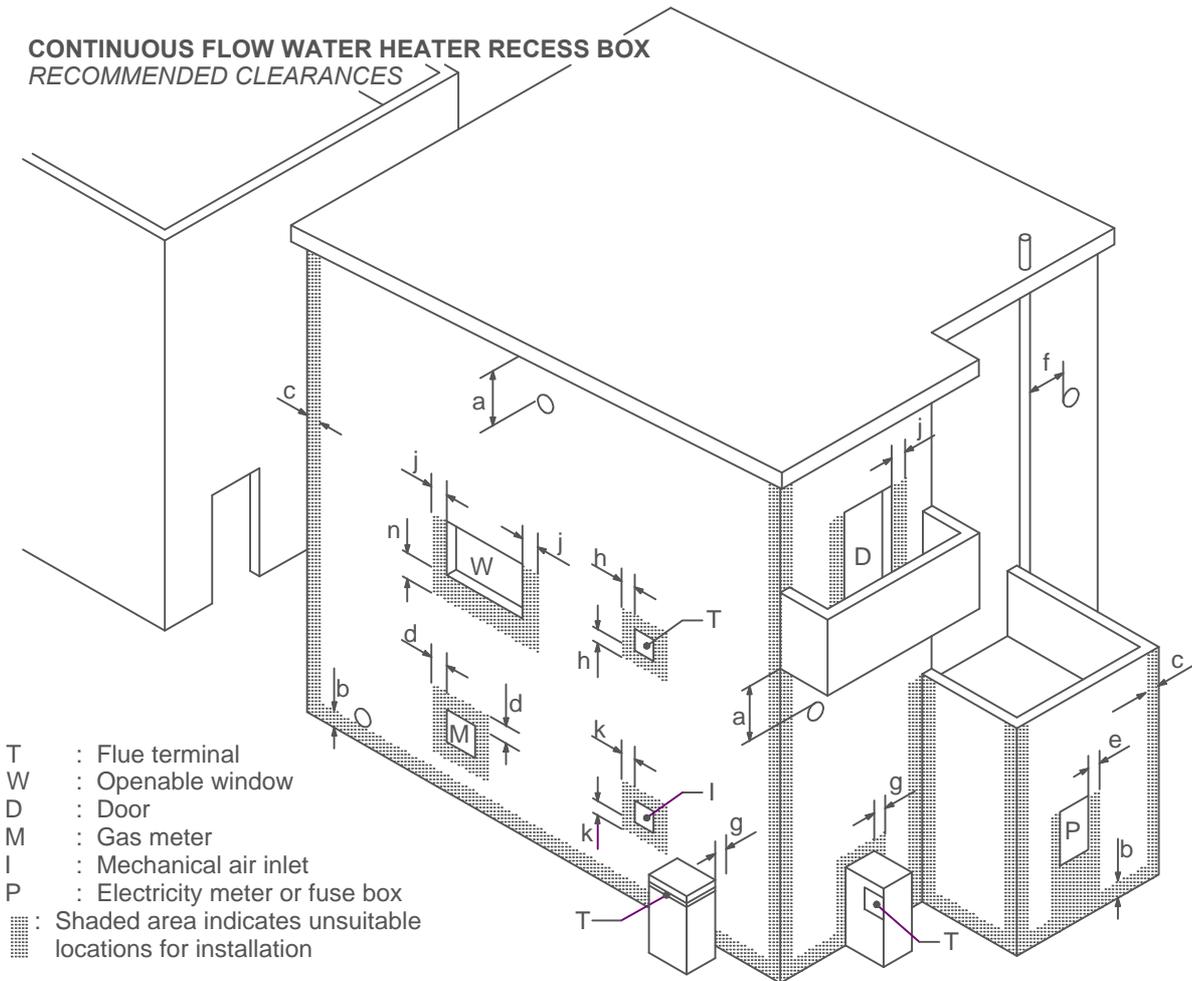
Note 1: Flashing components aim to accommodate a majority of installations. However, to suit various wall depths a custom head flashing may be required. In some cases it may be possible to trim and fold the supplied head flashing at the rear so that it meets the top flashing as shown on page 5

Note 2: closed cell polystyrene insulation is supplied attached to the rear of the Continuous Flow Water Heater recess box.



Detail X
Entry holes (7 locations)
See Hatched Areas

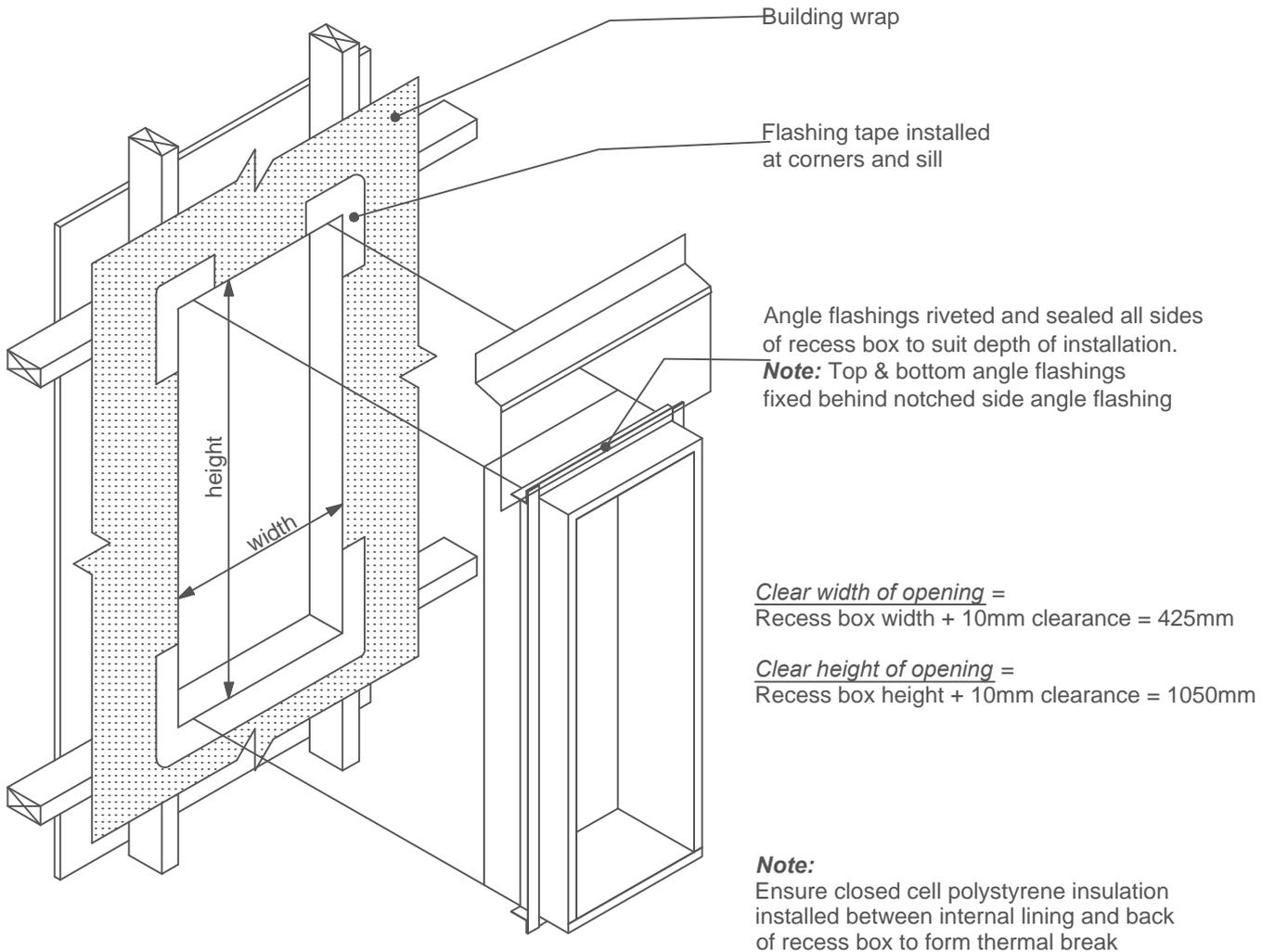
**CONTINUOUS FLOW WATER HEATER RECESS BOX
RECOMMENDED CLEARANCES**



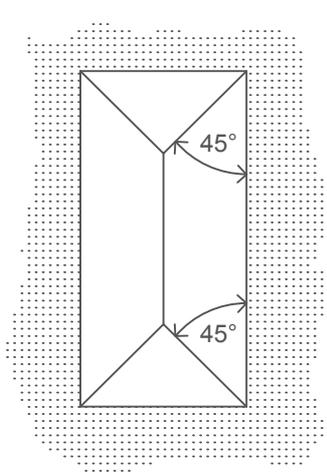
Ref.	Description	Min. clearance (mm)
a	Below eaves, balconies and other projections: Gas appliances up to 50 MJ/h input Gas appliances over 50 MJ/h input	200 300
b	From the ground or above a balcony or other surface	300
c	From a return wall or external corner	300
d	From a gas meter (M)	1000
e	From an electricity meter or fuse box (P)	500
f	From a drain or soil pipe	75
g	Horizontally from any building structure or obstruction facing a terminal	500
h	From any other flue terminal (T), cowl or combustion air intake	300
j	Horizontally from an openable window, door, inlet or any other opening into a building with the exception of subfloor ventilation: Gas appliances up to 150 MJ/h input Gas appliances over 150 MJ/h input and up to 200 MJ/h input Gas appliances over 200 MJ/h input All fan-assisted flue gas appliances, in the direction of discharge	300 300 500 1500
k	From a mechanical air inlet (I), including a spa blower	1000
n	Vertically below an openable window, non-mechanical air inlet, or any other opening into a building with the exception of subfloor ventilation: Space heaters up to 50 MJ/h input Other gas appliances up to 50 MJ/h input Gas appliances over 50 MJ/h input and up to 150 MJ/h input Gas appliances over 150 MJ/h input	150 500 1000 1500

Note: Installation to comply with AS/NZS 5601: Gas Installations. Refer table 16 and figure 3.

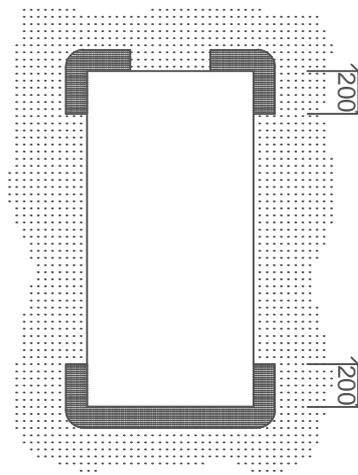
**CONTINUOUS FLOW WATER HEATER RECESS BOX
PREPARATION OF OPENING**



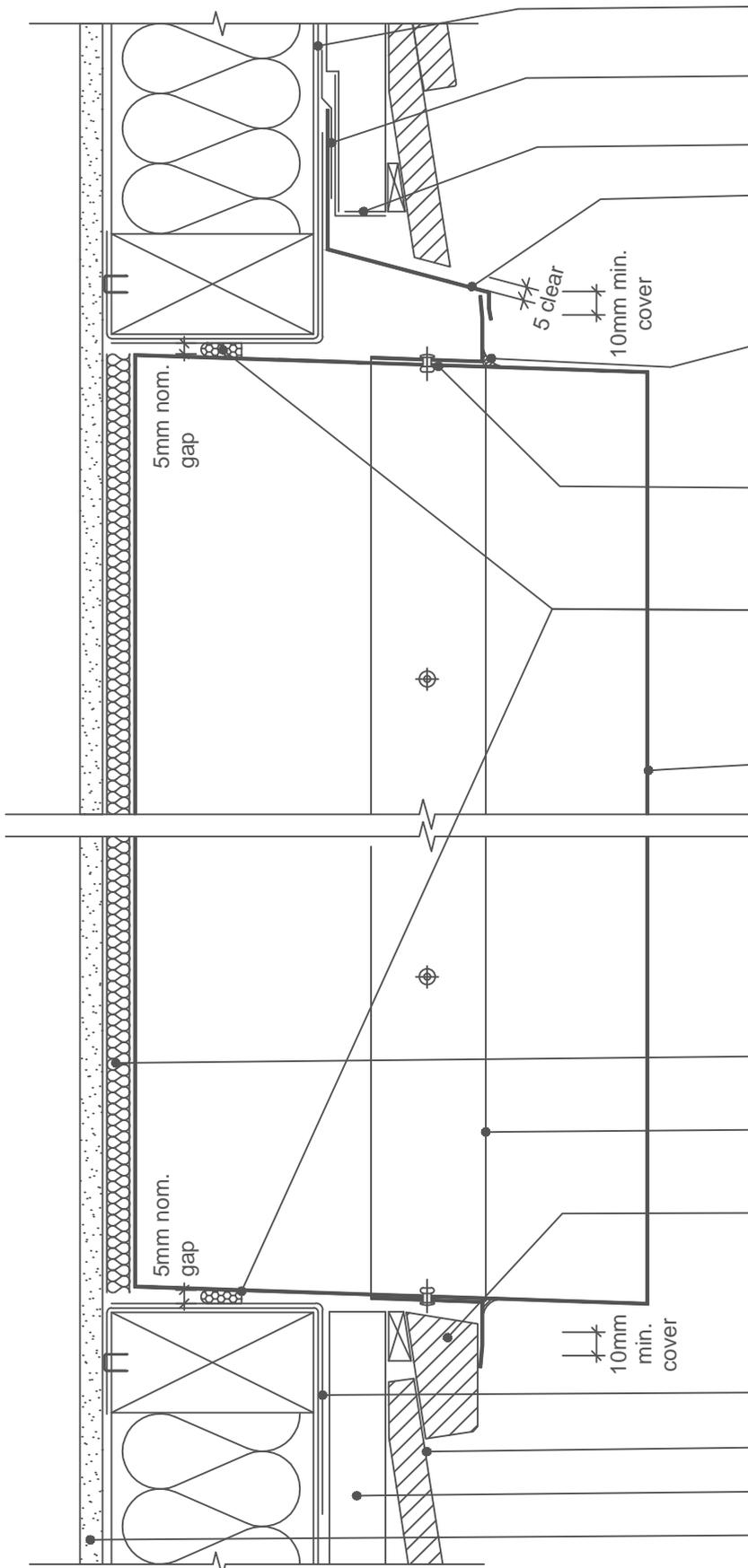
**CONTINUOUS FLOW WATER HEATER RECESS BOX
OPENING TRIM DETAILS TO COMPLY WITH NZBC E2/AS1**



Building wrap cut at 45° to corners, turned into trimmed opening and stapled to framing



Flexible flashing tape installed at sill and head to extend min. 200mm to cover exposed framing



Building wrap turned into trimmed opening with flashing tape at corners.

Flexible flashing tape over head flashing

Cavity base closure positioned to give 15mm min. drip edge to cladding

Powder coated 1mm thick (20#) head flashing with 15° slope. Head flashing extends min 60mm beyond each side of recess box. See also Note 1 on page 2

Approved sealant around perimeter

Rivet supplied angle flashings to perimeter of recess box to suit depth of installation. Apply approved sealant to exterior face of flashings.

Water resistant 'Air Seal' to perimeter of trim cavity (low expansion foam with PEF backing rod)

Continuous Flow Water Heater recess box

Closed cell polystyrene insulation to form thermal break.

Side angle flashing shown dotted (fixed in front of top / base flashings)

Tan. H3.2 timber trim sized to suit. Ensure tight fit to back face of bottom angle flashing

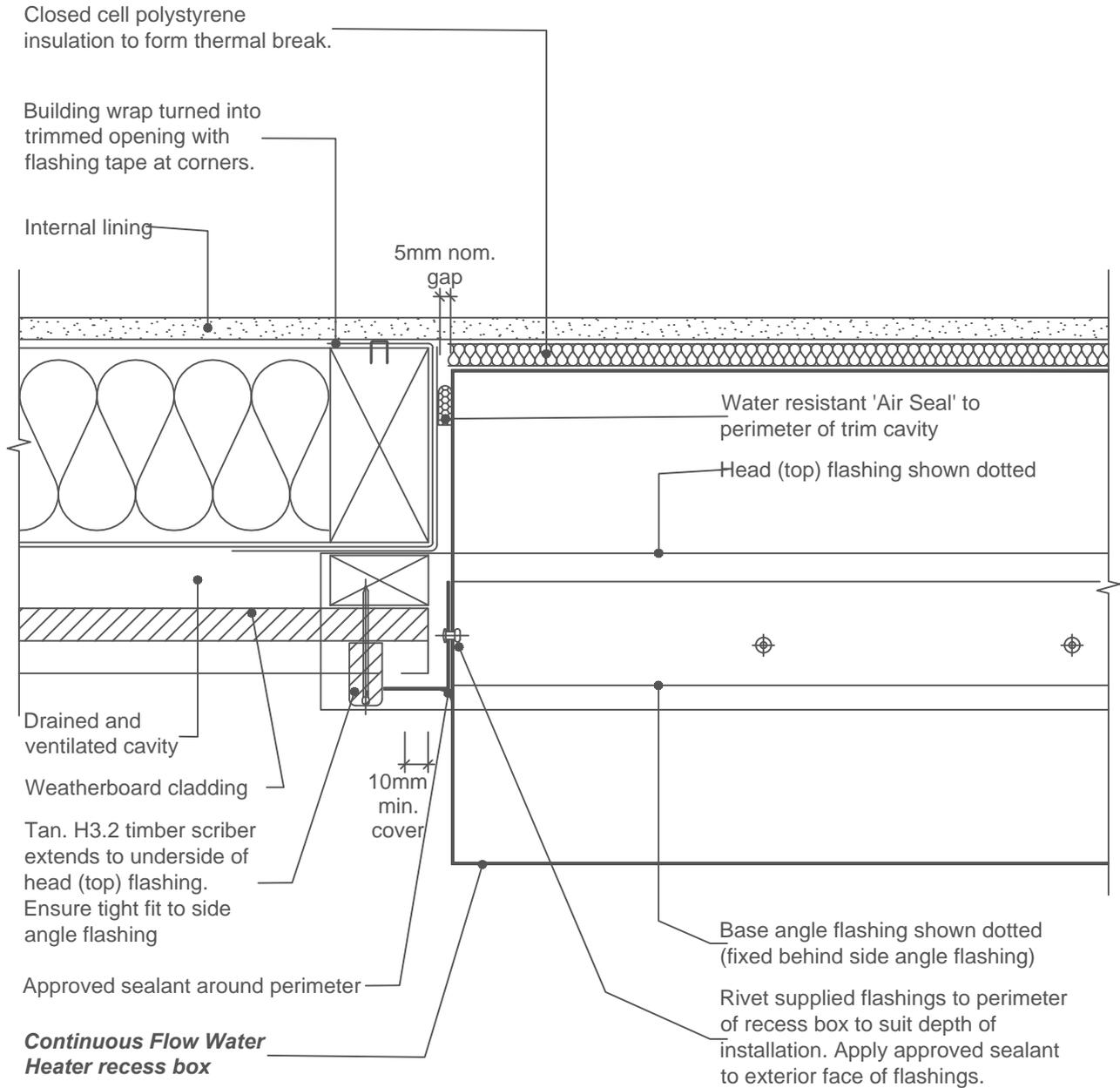
Building wrap turned into trimmed opening with flashing tape over

Weatherboard cladding

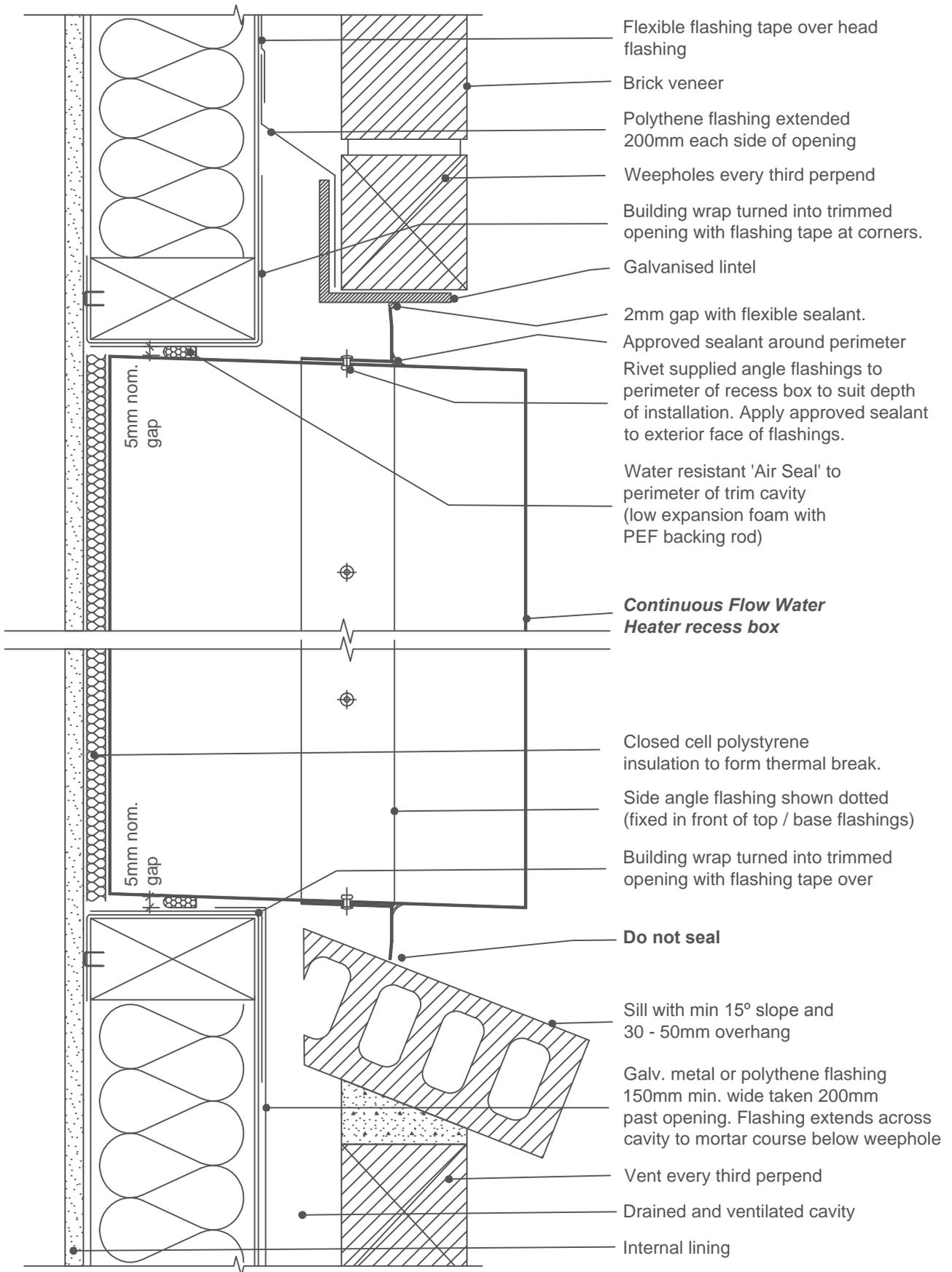
Drained and ventilated cavity

Internal lining

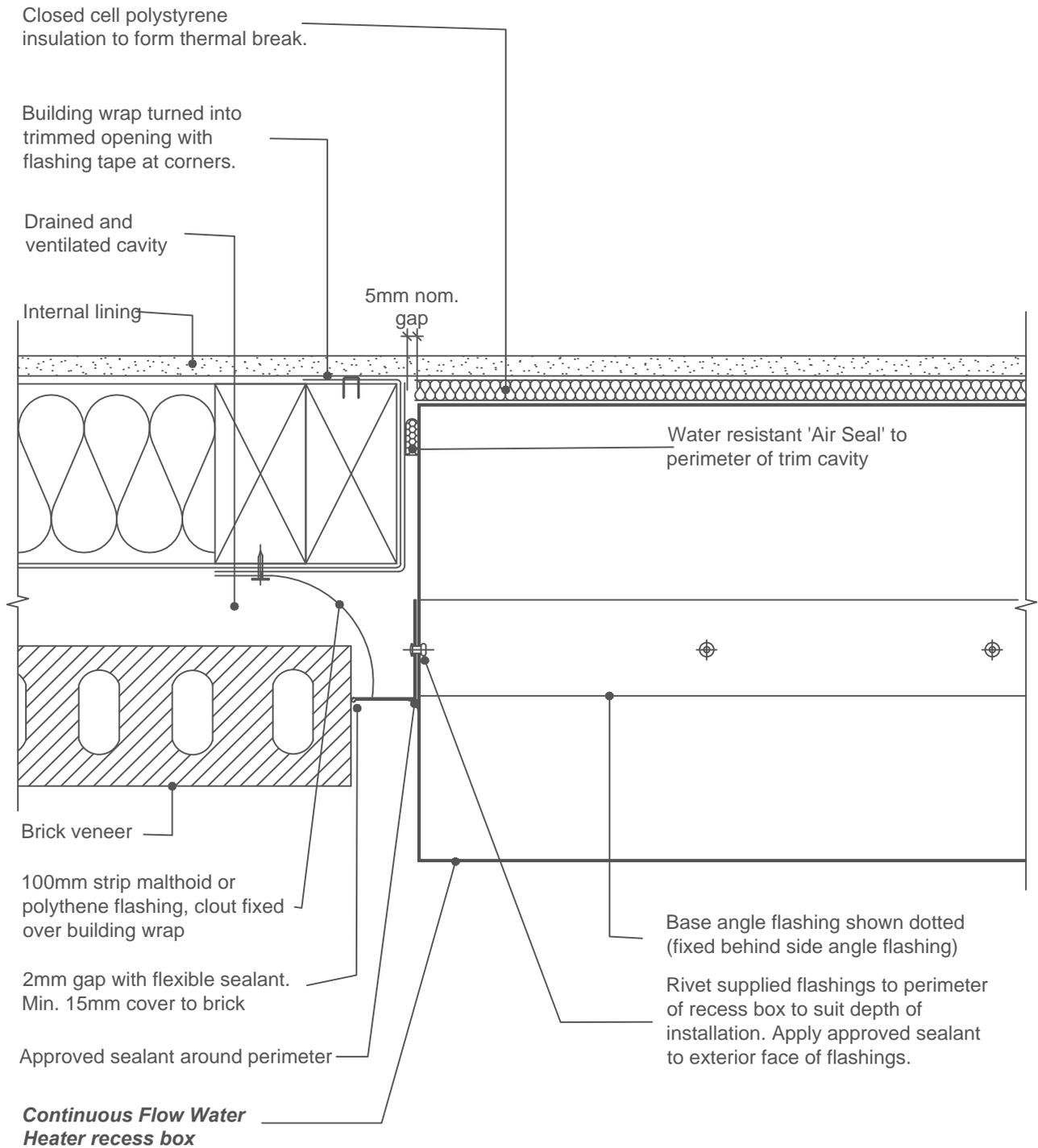
CONTINUOUS FLOW WATER HEATER RECESS BOX
 HEAD & SILL DETAILS - SIDE VIEW
 SEMI-RECESSED INSTALLATION
 WEATHERBOARD CLADDING



CONTINUOUS FLOW WATER HEATER RECESS BOX
 JAMB DETAIL - TOP VIEW
 SEMI-RECESSED INSTALLATION
 WEATHERBOARD CLADDING



CONTINUOUS FLOW WATER HEATER RECESS BOX
 HEAD & SILL DETAILS - SIDE VIEW
 SEMI-RECESSED INSTALLATION
 BRICK VENEER CLADDING



CONTINUOUS FLOW WATER HEATER RECESS BOX
 JAMB DETAIL - TOP VIEW
 SEMI-RECESSED INSTALLATION
 BRICK VENEER CLADDING