

DETAIL 2.17—FOUNDATION WALL—VINYL, ALUMINUM SIDING

PURPOSE

To intercept water behind the siding and direct it to the outside, away from the foundation wall.

How It Works

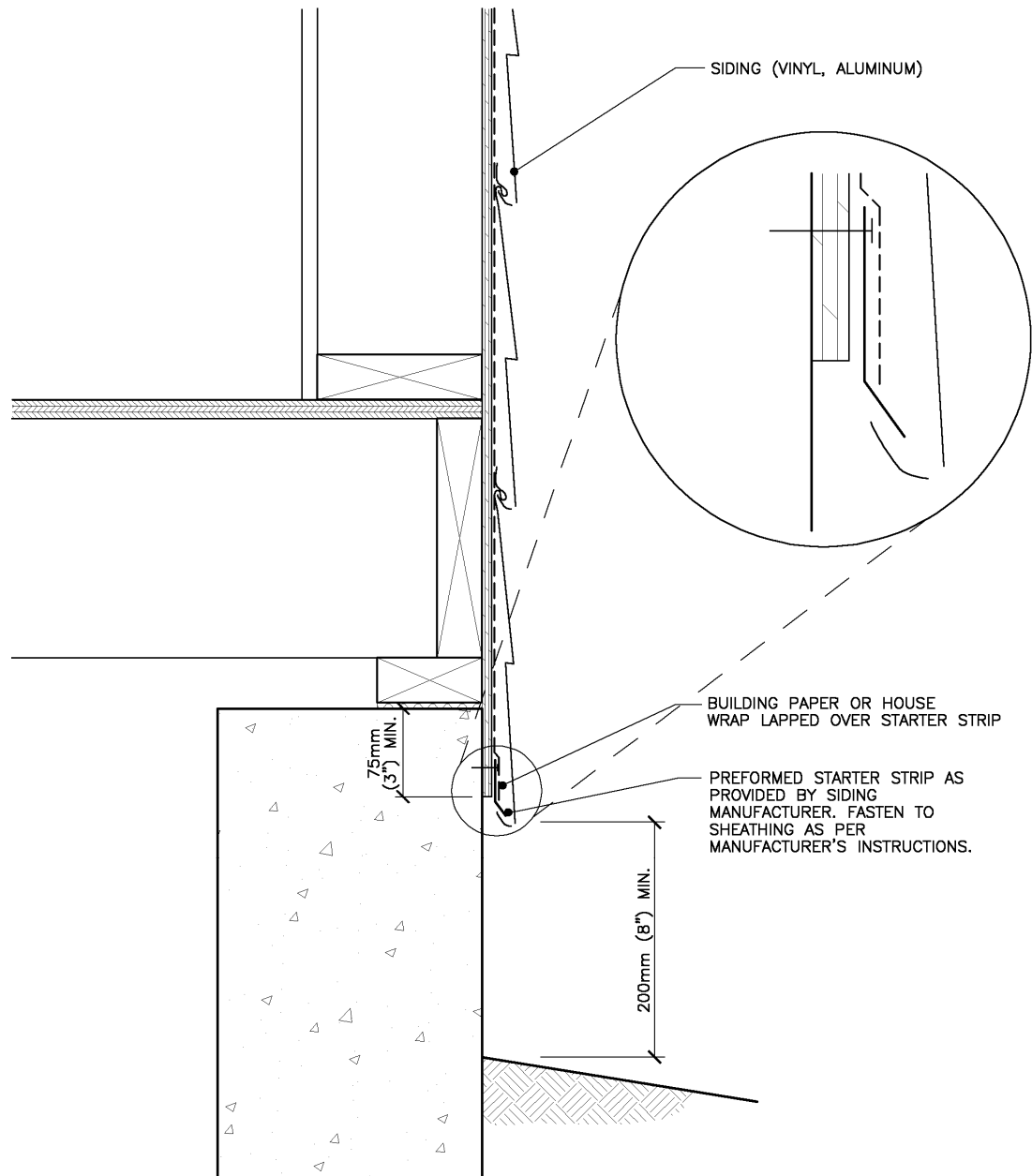
- Moisture may enter the cavity as a result of:
 - rain penetration through the siding
 - water vapour diffusion
 - leakage of moist air from the interior
- Building paper or house wrap (inside the cavity) acts as a barrier to rain penetration into the inner layer of the wall.

Designer Checklist

- ☐ A horizontal siding application is shown, with a combination of starter strip and bottom siding panel to direct the water to the outside.
- ☐ For vertical siding applications, a separate base trim is specified to act as flashing and also to close the openings at the bottom of the siding profile.
- ☐ The flashing is shown to have a drip-edge projection.
- ☐ Mechanical fasteners are specified at regular intervals, maximum 300 mm (12 in.) on centre, to ensure tight contact between the starter strip/flashing and the sheathing.
- ☐ Ensure that corners and end dams at openings are detailed.

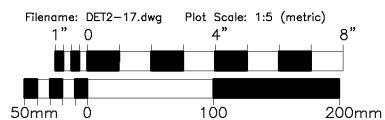
Builder Checklist

- ☐ Flashing is installed before the moisture barrier is installed.
- ☐ Building paper or house wrap is lapped over the vertical leg of starter strip/flashing and fasteners.
- ☐ The starter strip/flashing is properly fastened to the wall sheathing at sufficient intervals to provide a tight fit.
- ☐ Joints in the starter strip/flashing are properly lapped (minimum 100 mm [4 in.]).
- ☐ The bottom of the starter strip/flashing is extended below the top of the foundation wall, a minimum of 75 mm (3 in.), to cover the joint.
- ☐ For vertical siding applications, the joint between the flashing and the bottom of the siding is left open for drainage.
- ☐ Flashing is continuous at the corners.
- ☐ End dams are provided at openings.



FOUNDATION WALL — VINYL, ALUMINUM SIDING

2.17



Detail 2.17: Foundation Wall—Vinyl, Aluminum Siding