

INSULATION, TYPE AND
PLACEMENT DETERMINED
BY OTHERS (SEE NOTE A)

CMU OR CONCRETE WALL

GYPSUM BOARD

PERM-A-BARRIER UNIVERSAL
FLASHING & SEALANT PER
DEFLECTION JOINT
REQUIREMENTS

PERM-A-BARRIER® ULTRA
OVERLAPPED ONTO WALL
FLASHING

BITUTHENE® LIQUID MEMBRANE

PERM-A-BARRIER® WALL
FLASHING (STAR CUT AT BOLT)

BITUTHENE® LIQUID MEMBRANE
AROUND BOLT

FLASHING 1/2 IN. BACK
FROM BRICK FACE
WEEPS AT 16 IN. O.C.

METAL DRIP EDGE SET IN
PERM-A-BARRIER® UNIVERSAL
FLASHING & SEALANT

SHELF ANGLE BOLTED
TO STEEL PLATE (SEAL
JOINTS BETWEEN ANGLES)

BITUTHENE®
LIQUID MEMBRANE

PERM-A-BARRIER®
WALL MEMBRANE
(OVERLAP ONTO STEEL
ANGLE MIN. 4 IN.)

MASONRY VENEER

MIN. 3 IN.

- Important Notes:**
- A. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and air and vapor barriers in the wall. For assistance with exterior wall design consult with a building science professional or a GCP representative.
 - B. To ensure a continuous air barrier across the building envelope, a fully continuous connection should be made to the roof system and GCP Waterproofing System.
 - C. Ensure window system is properly aligned with wall insulation and installed per the window manufacturer's recommendations to ensure continuity of the air barrier system.
 - D. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.



Shelf Angle - Option B Perm-A-Barrier® Wall Membrane Air Barrier System

DRAWING: PWM - 113r1

SCALE: Not to scale

EFFECTIVE DATE: 12/10/23

SUPERSEDES: PWM - 113