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

VAPOR BARRIER (IF REQUIRED, BY OTHERS)

GYPSUM BOARD

CMU OR CONCRETE WALL

WOOD BLOCKING

BACKER ROD AND SEALANT

WINDOW FRAME

PERM-A-BARRIER® VPS

BITUTHENE® LIQUID MEMBRANE

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

BITUTHENE MASTIC OR BITUTHENE LIQUID MEMBRANE AROUND BOLT

MASONRY VENEER

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

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

METAL DRIP EDGE SET IN SEALANT

BITUTHENE MASTIC OR BITUTHENE LIQUID MEMBRANE

PERM-A-BARRIER DETAIL MEMBRANE OR PERM-A-BARRIER ALUMINUM FLASHING

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 Applied Technologies 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 Applied Technologies 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 Applied Technologies products in accordance with GCP Applied Technologies Product Data Sheets and GCP Applied Technologies recommendations.

Window Head at Floor Option B

Perm-A-Barrier® VPS Air Barrier System

DRAWING: VPS - 109r1

SCALE: Not to scale

EFFECTIVE DATE: 08/31/09

Supercedes: VPS - 109