LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR WALL CONSTRUCTION

INTERIOR

EXTERIOR

NOTES:
1. APPLY 3/4" DOLLOP OF XL-FLASH OVER AREA PENETRATED BY MASONRY VENEER ANCHORS.
2. DOLLOP OF XL-FLASH IS NOT REQUIRED WHERE GASKETED MASONRY VENEER ANCHORS THAT SEAL TO CURED XL-PERM (ULTRA) NIP ARE INSTALLED.

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Pecora ProPerm VP
BRICK TIE TREATMENT

07 27 00 - AIR BARRIERS . B2010.80 - EXTERIOR WALL SUPP COMPONENTS

NO SCALE DATE: 4-2019 DWG NO. PEC-DT-PPVP-BRT-001
LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

CAST-IN-PLACE CONCRETE, PRECAST CONCRETE, OR UNIT MASONRY WALL CONSTRUCTION

INTERIOR

EXTERIOR

AIR BARRIER: PECORA ProPerm VP - APPLY 2 COATS AT 10 WET MILS EACH (14 MILS DFT) OVER CONCRETE OR CMU

MASSONRY TIE

TREAT PENETRATIONS W/ 3/4" DOLLOP OF PECORA XL-FLASH LIQUID FLASHING & JOINT FILLER

AIR SPACE

INSULATION

EXTERIOR VENEER/CLADDING
STRUCTURAL METAL STUD OR
WOOD FRAMED & SHEATHED
EXTERIOR WALL CONSTRUCTION

INTERIOR

EXTERIOR

LINE OF AIR, VAPOR, & WATER
CONTROL LAYERS

AIR BARRIER: PECORA
ProPerm VP - APPLY TO
SHEATHING AT 10-16 WET
MILS (7-12 MILS DFT)

LIQUID FLASHING & JOINT FILLER:
PECORA XL-FLASH - APPLY AT
20-40 WET MILS

BACKER ROD & APPROVED
PECORA JOINT SEALANT

EXTERIOR CLADDING

JOINT SEALANT: PECORA 890NST

CAVITY/AIR SPACE

INSULATION

EXP JT COVER

COMPRESSIBLE
FILLER OR SPF

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07 27 00 - AIR BARRIERS / B2010.80 - EXTERIOR WALL SUPP COMPONENTS

Pecora ProPerm VP
DOUBLE SEALANT EXPANSION JOINT AT FRAMED VENEER WALL

NO SCALE DATE: 4-2019 DWG NO. PEC-DT-PPVP-EJT-001
CMU WALL CONSTRUCTION

LINE OF AIR, VAPOR, & WATER
CONTROL LAYERS

CMU CONTROL JOINT & ANY PECORA NONSAG URETHANE, STPU, OR SILICONE SEALANT

INTERIOR

EXTERIOR

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

LIQUID FLASHING & JOINT FILLER: PECORA XL-FLASH - APPLY AT 20-40 WET MILS

BACKER ROD & APPROVED PECORA JOINT SEALANT

MASONRY, STONE, OR PRECAST CONCRETE VENEER

CAVITY/AIR SPACE

INSULATION

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STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR WALL CONSTRUCTION

INTERIOR

LINE OF AIR, VAPOR, WATER

CONTROL LAYERS

EXTERIOR

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

SILICONE TRANS'N MEMBRANE: PECORA XL-SPAN - CENTER ON JOINT & BOND W/ PECORA AVB SILICONE SEALANT FULL PERIMETER

BACKER ROD & APPROVED PECORA JOINT SEALANT

EXTERIOR CLADDING

CAVITY/AIR SPACE

INSULATION

EXP JT COVER

COMPRESSIBLE FILLER OR SPF

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Pecora ProPerm VP
EXPANSION JOINT AT FRAMED VENEER WALL w/XL-SPAN

07 27 00 - AIR BARRIERS / B2010.80 - EXTERIOR WALL SUPP COMPONENTS

NO SCALE | DATE: 4-2019 | DWG NO. PEC-DT-PPVP-EJT-003
EXTERIOR WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT) OR 2 COATS AT 10 WET MILS EACH (14 MILS DFT) OVER CONCRETE OR CMU

PECORA AVB SILICONE SEALANT (BUTTERED OVER TERMINATION BAR)

TERMINATION BAR & FASTENERS

PRIMER & FLEXIBLE FLASHING (BY OTHERS) LAP PER FLASHING MFR'S INSTRUCTIONS

NOTES:
1. REFER TO PECORA TECHNICAL BULLETIN #189 FOR PECORA AVB SILICONE SEALANT ADHESION TO FLEXIBLE FLASHING MATERIALS & AIR AND VAPOR BARRIER MEMBRANES BY OTHERS.

2. REFER TO PECORA TECHNICAL BULLETIN #166 FOR PECORA SEALANT ADHESION TO AIR AND VAPOR BARRIER MEMBRANES BY OTHERS.
EXTERIOR WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT) OR 2 COATS AT 10 WET MILS EACH (14 MILS DFT) OVER CONCRETE OR CMU

FILL SEALANT SPACE WITH CONTINUOUS BEAD OF PECORA AVB SILICONE SEALANT

TERMINATION BAR & FASTENERS (BY OTHERS)

PRIMER & FLEXIBLE FLASHING (BY OTHERS) LAP PER FLASHING MFR'S INSTRUCTIONS

NOTES:
1. REFER TO PECORA TECHNICAL BULLETIN #189 FOR PECORA AVB SILICONE SEALANT ADHESION TO FLEXIBLE FLASHING MATERIALS & AIR AND VAPOR BARRIER MEMBRANES BY OTHERS.
2. REFER TO PECORA TECHNICAL BULLETIN #166 FOR PECORA SEALANT ADHESION TO AIR AND VAPOR BARRIER MEMBRANES BY OTHERS.
LIQUID FLASHING & JOINT FILLER:
PECORA XL-FLASH APPLY AT 20-40 WET MILS

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

LIQUID FLASHING & JOINT FILLER:
PECORA XL-FLASH APPLY AT 20-40 WET MILS

FORM 1/2" CANT BEAD WITH PECORA XL-FLASH

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR WALL CONSTRUCTION

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07 27 00 - AIR BARRIERS / B2010.80 - EXTERIOR WALL SUPP COMPONENTS

Pecora ProPerm VP
INSIDE & OUTSIDE CORNERS - FRAMED WALLS

NO SCALE    DATE: 4-2019    DWG NO. PEC-DT-PPVP-IOC-001
LIQUID FLASHING & JOINT FILLER:
PECORA XL-FLASH APPLY AT 20-40 WET MILS

AIR BARRIER: PECORA ProPerm VP - APPLY
2 COATS AT 10 WET MILS EACH (14 MILS DFT)
OVER CONCRETE OR CMU

LIQUID FLASHING & JOINT FILLER:
PECORA XL-FLASH APPLY AT 20-40 WET MILS

FORM 1/2" CANT BEAD W/ PECORA XL-FLASH

AIR BARRIER: PECORA ProPerm VP - APPLY
2 COATS AT 10 WET MILS EACH (14 MILS DFT)
OVER CONCRETE OR CMU

CAST-IN-PLACE CONCRETE,
PRECAST CONCRETE, OR
UNIT MASONRY EXTERIOR
WALL CONSTRUCTION

LINE OF AIR, VAPOR, & WATER
CONTROL LAYERS

EXTERIOR

INTERIOR
LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR WALL CONSTRUCTION

PENETRATING ITEM

MIN 2"

MIN 1/2" CONTINUOUS CANT BEAD OF PECORA XL-FLASH LIQUID FLASHING & JOINT FILLER (FULL PERIMETER)

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)
LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

INTERIOR

EXTERIOR

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

PENETRATING ITEM

MIN 2"

MIN 1/2" CONTINUOUS FILLET BEAD OF PECORA XL-FLASH LIQUID FLASHING & JOINT FILLER (FULL PERIMETER)

FILL VOIDS WIDER THAN 1/2" WITH SPRAY FOAM INSULATION - CUT FLUSH WITH FACE OF SHEATHING
ANY PECORA NONSAG URETHANE OR STPU JOINT SEALANT (FULL PERIMETER)

MIN 2"

MIN 1/2" CONTINUOUS FILLET BEAD OF PECORA XL-FLASH LIQUID FLASHING & JOINT FILLER (FULL PERIMETER)

LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

CAST-IN-PLACE CONCRETE, PRECAST CONCRETE, OR UNIT MASONRY EXTERIOR WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY 2 COATS AT 10 WET MILS EACH (14 MILS DFT) OVER CONCRETE OR CMU
2" MIN LAP

MIN 3/4" DOLLOP OF PECORA XL-FLASH APPLIED BETWEEN AIR BARRIER MEMBRANE & BACK PLATE

MASONRY TIE

CAVITY/AIR SPACE

INSULATION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

EXTERIOR MASONRY VENEER/CLADDING

LIQUID FLASHING & JOINT FILLER: PECORA XL-FLASH

TERMINATE EDGE OF SAM W/ BEAD OF PECORA AVB SILICONE SEALANT

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED PARAPET WALL CONSTRUCTION

ROOFING MEMBRANE (BY OTHERS)

LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

EXTERIOR

INTERIOR
2" MIN LAP

MIN 3/4" DOLLOP OF PECORA XL-FLASH APPLIED BETWEEN AIR BARRIER MEMBRANE & BACK PLATE

MASONRY TIE

CAVITY/AIR SPACE

INSULATION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

EXTERIOR MASONRY VENEER/CLADDING

LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

SELF-ADHERING MEMBRANE (SAM) AIR BARRIER FLASHING SEE PECORA TECH BULLETIN #166 FOR APP'D MEMBRANES

TERMINATE EDGE OF SAM W/ BEAD OF PECORA AVB SILICONE SEALANT

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHERED PARAPET WALL CONSTRUCTION

ROOFING MEMBRANE (BY OTHERS)
WALL CLADDING - SEE ARCH DWGS
CAVITY/AIR SPACE
INSULATION
LIQUID FLASHING & JOINT FILLER: PECORA
XL-FLASH - APPLY AT 20-40 WET MILS
AIR BARRIER: PECORA ProPerm VP - APPLY
TO SHEATHING AT 10-16 WET MILS
(7-12 MILS DFT)

OPEN CELL BACKER
ROD & CONT BEAD OF
APPROVED PECORA
SEALANT

EXTEND XL-FLASH
MIN 2" BEYOND
INTERIOR AIR SEAL

LINE OF AIR, VAPOR, & WATER
CONTROL LAYERS

STRUCTURAL METAL STUD OR
WOOD FRAMED & SHEATHED
EXTERIOR WALL CONSTRUCTION

Pecora ProPerm VP
ROUGH WINDOW OPENING - JAMB

NO SCALE  DATE: 4-2019  DWG NO. PEC-DT-PPVP-RWO-002
EXTEND XL-FLASH MIN 2" BEYOND INTERIOR AIR SEAL

STRUCT METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR WALL CONSTRUCTION

WINDOW
OPEN CELL BACKER ROD & CONT. BEAD OF APP'D. PECORA SEALANT

WALL CLADDING - SEE ARCH DWGS

LIQUID FLASHING & JOINT FILLER: PECORA XL-FLASH - APPLY AT 20-40 WET MILS

CAVITY/AIR SPACE

INSULATION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)

LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

INTERIOR

EXTERIOR
SUBSTRATE VISIBLY WET, FROZEN, OR CONTAMINATED WITH FILM-FORMING OR BOND-INHIBITING MATERIALS

EXTERIOR

MIS-ALIGNED SHEATHING PANELS

PROTRUDING FASTENER NOT INSTALLED FLUSH WITH FACE OF SHEATHING
CONCRETE MASONRY

EXCESS MORTAR AT PROJECTING MASONRY ACCESSORY

MORTAR JOINT NOT STRUCK FLUSH WITH FACE OF MASONRY

EXTERIOR

VOID IN MORTAR JOINT

CAST-IN-PLACE CONCRETE FIN PROJECTION

HONEYCOMB OR OTHER VOID
INTERIOR

EXTERIOR

LINE OF AIR, VAPOR, & WATER CONTROL LAYERS

CAST-IN-PLACE CONCRETE, PRECAST CONCRETE, OR UNIT MASONRY EXTERIOR WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY 2 COATS AT 10 WET MILS EACH (14 MILS DFT) OVER CONCRETE OR CMU

LIQUID FLASHING & JOINT FILLER: PECORA XL-FLASH APPLY AT 20-40 WET MILS CENTERED ON JOINT

1/2" TO 1-1/2"

MIN 3"

CLOSED CELL BACKER ROD & PECORA XL-FLASH LIQUID FLASHING & JOINT FILLER - SEAL FLUSH WITH FACE OF WALL

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07 27 00 - AIR BARRIERS / B2010.80 - EXTERIOR WALL SUPP COMPONENTS

Pecora ProPerm VP
STATIC (NON-MOVING) TRANSITIONS

NO SCALE
DATE: 4-2019
DWG NO. PEC-DT-PPVP-TRA-001
CAST-IN-PLACE CONCRETE, PRECAST CONCRETE, OR UNIT MASONRY EXTERIOR WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY 2 COATS AT 10 WET MILS EACH (14 MILS DFT) OVER CONCRETE OR CMU

SILICONE TRANSITION MEMBRANE: PECORA XL-SPAN FORM BELLOWS OF DEPTH EQUAL TO MIN 25% OF JOINT WIDTH ADHERE & SEAL FULL PERIMETER WITH PECORA AVB SILICONE SEALANT

STRUCTURAL METAL STUD OR WOOD FRAMED & SHEATHED EXTERIOR BACKUP WALL CONSTRUCTION

AIR BARRIER: PECORA ProPerm VP - APPLY TO SHEATHING AT 10-16 WET MILS (7-12 MILS DFT)
Fill with group aggregate then grade with waterproofing or installation.

Note: Coordinate this detail with architectural drawings.

Concrete floor slab.

Continuous bead of Pecora AVG silicone sealant.

Air barrier termination to flashing with waterproofing. Round down to 4 mils.

Air barrier: Pecora Property VP - apply 2 coats AT 10 mils each.

Masonry tile.

Exterior veneer/cladding.

Cavitation space.

Insulation.

Control layer.

Line of air & moisture.

Unit masonry exterior precast concrete or cast-in-place concrete.