A REFERENCE GUIDE FOR TYPICAL WALL AND WINDOW DETAILS (CONCEALED BARRIER SYSTEM) SHOWN AS VINYL SIDING

****** NOT TO BE USED IN GEOGRAPHICAL LOCATIONS WHERE AUTHORITY HAVING JURISDICTION REQUIRES RAINDSCREEN SYSTEM.

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DISCLAIMER

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THE READER IS ADVISED TO EVALUATE THE INFORMATION, MATERIALS AND TECHNIQUES CAUTIOUSLY AND TO CONSULT APPLICABLE BUILDING CODES AND GUIDELINES TO DETERMINE WHETHER THE INFORMATION, MATERIAL AND TECHNIQUES ARE SUITABLE IN EACH INSTANCE.

THE DRAWINGS AND TEXT ARE INTENDED AS A GENERAL REFERENCE GUIDE ONLY. PROJECT AND SITE SPECIFIC FACTORS INCLUDING CLIMATE, EXPOSURE, COMPLEXITY, AESTHETICS, ETC. MUST ALWAYS BE TAKEN INTO CONSIDERATION.

LIMITATIONS

THESE DETAILS ARE INTENDED AS A PRACTICAL REFERENCE GUIDE FOR ASSEMBLING A BUILDING ENVELOPE IN WOOD FRAME CONSTRUCTION ONLY. IT IS NOT INTENDED TO REPLACE PROFESSIONAL ADVICE.

ENSURE THAT ALL PROPOSED PRODUCTS AND SYSTEMS ARE ACCEPTABLE TO THE BUILDING AUTHORITY HAVING JURISDICTION PRIOR TO THE INSTALLATION. ENSURE TO FOLLOW THE BUILDING MATERIAL MANUFACTURER'S WRITTEN SPECIFICATIONS & INSTALLATION GUIDELINES.

THE INFORMATION PRESENTED HEREIN IS NOT EXCLUSIVE. MANY PRODUCTS AND METHODS MAY BE USED AS ALTERNATIVES TO SATISFY REGIONAL REQUIREMENTS, COST CONSIDERATIONS, AVAILABILITY AND SPECIFIC DESIGN REQUIREMENTS.

ENSURE THAT MATERIALS USED IN CONJUNCTION WITH ONE ANOTHER ARE COMPATIBLE.
GENERAL NOTES:

1) STRUCTURAL FRAMING REQUIREMENTS, LINTEL, POST & BEAM REQUIREMENTS AND CONCRETE STRENGTH AND MIX REQUIREMENTS ARE THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. SUCH REQUIREMENTS ARE NOT IDENTIFIED ON THE ATTACHED BUILDING ENVELOPE DETAILS.

2) WINDOWS & DOORS, MECHANICAL COMPONENTS, ELECTRICAL FIXTURES AND GUARDRAILS, WHERE SHOWN ON THE ATTACHED DETAILS ARE BY OTHERS.

3) ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODE, MUNICIPAL BYLAWS AND REGULATIONS.

4) ANY EXPOSED UNDERSIDE OF FLASHING AT WINDOW / DOOR HEADS TO BE PAINTED.

5) ALL WINDOWS AND DOORS MUST MEET THE REQUIREMENTS OF THE BUILDING CODE.

6) CAULKING BETWEEN DISSIMILAR MATERIALS MUST BE INSTALLED PER BUILDING CODE. CAULKING / SEALANT MUST BE INSTALLED AS PER MANUFACTURER'S WRITTEN SPECIFICATIONS.

7) ATTACHMENT OF CLADDING MUST BE INSTALLED PER BUILDING CODE AND MANUFACTURER'S REQUIREMENTS.

8) INSULATION MUST BE INSTALLED PER BUILDING CODE.

9) VAPOUR BARRIER MUST BE INSTALLED PER BUILDING CODE.

10) FLASHING DIMENSIONS, SLOPE & END DAMS MUST BE PER BUILDING CODE. VERTICAL LEG OF METAL FLASHING UP WALL SHEATHING MUST EXTEND UPWARDS NOT LESS THAN 50 mm BEHIND THE AIR BARRIER / SHEATHING MEMBRANE. METAL FLASHING MUST HAVE MINIMUM OF 6 % SLOPE TOWARDS EXTERIOR. METAL FLASHING MUST OVERLAP MINIMUM OF 10 mm VERTICALLY OVER THE BUILDING ELEMENT BELOW. METAL FLASHING MUST HAVE MINIMUM OF 25 mm END DAM AT TERMINATIONS. PROVIDE MINIMUM OF 5 mm CLEARANCE BETWEEN METAL FLASHING AND SIDING.

11) ALL HORIZONTAL VINYL 'J' CHANNELS MUST HAVE SERIES OF 3/16" WEEP HOLES AT 16" ON CENTER DRILLED AT THE BOTTOM OF THE 'J' CHANNELS FOR DRAINAGE PURPOSES.
AIR BARRIER / SHEATHING MEMBRANE FROM WALL ABOVE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE FROM WALL BELOW AND METAL FLASHING

SEALANT

HORIZONTAL VINYL 'J' CHANNEL WITH WEEP HOLES

FLOOR LINE

26 Ga. PRE-FINISHED THROUGH WALL METAL FLASHING

INSULATION

VINYL SIDING

AIR BARRIER / SHEATHING MEMBRANE

EXTERIOR SHEATHING

INSULATION

INTERIOR FINISH (DRYWALL)

SUITE

VAPOUR BARRIER

SUITE

INTERIOR FINISH (DRYWALL)

VAPOUR BARRIER

Through Wall Flashing

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SCALE

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2.1
Typical Outside Corner

APPLY EXTRA LAYER OF 300mm WIDE (150mm EACH FACE) AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP OVER AIR BARRIER / SHEATHING MEMBRANE TO ALL OUTSIDE CORNERS
Typical Inside Corner

Apply extra layer of 300 mm wide (150 mm each face) air barrier / sheathing membrane starter strip over air barrier / sheathing membrane to all inside corners.

Interior Finish (Drywall)

Vapour Barrier

Air Barrier / Sheathing Membrane

150 mm

Vinyl Inside Corner

Insulation

Vinyl Siding

Exterior Sheathing
EXTERIOR SHEATHING
INSULATION
VINYL SIDING
AIR BARRIER / SHEATHING MEMBRANE
LAPS OVER WATERPROOF MEMBRANE; MIN. 3"

BALCONY

TAPE / SEALANT
HORIZONTAL VINYL 'J' CHANNEL
WITH WEEP HOLES

WATERPROOF MEMBRANE; MIN. 200 mm
UP WALL SHEATHING FROM THE TOP OF
FINISHED BALCONY SURFACE
MIN. 2% SLOPE REQUIRED

EXTERIOR GRADE PLYWOOD
SHEATHING ON 2 X -- TAPERED
SHIMS (ONE PER JOIST) SLOPED
TO EDGE PER STRUCTURAL
ENGINEER'S SPECS.

BALCONY FRAMING PER
STRUCTURAL ENGINEER'S
SPECS.

VENTILATED SOFFIT
PANELS

AIR BARRIER/SHEATHING MEMBRANE

VAPOUR BARRIER
INTERIOR FINISH (DRYWALL)
SUITE

SEALANT

Balcony at Building Wall

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NOTE:-

1. TOP MOUNTED GUARDRAILS ARE NOT ACCEPTABLE.
2. STRUCTURAL ENGINEER IS RESPONSIBLE FOR THE STRUCTURAL DESIGN AND INSTALLATION INSPECTION OF GUARDRAILS.

ALUMINUM AND GLASS GUARD OR ALUMINUM PICKETED GUARD; SECURE POST BASES WITH GASKETTED STAINLESS STEEL FASTENERS THROUGH POST BASE PLATES AND SPACERS AS REQ'D; FILL PILOT HOLES WITH URETHANE CAULKING; INSTALL GUARDRAILS PER STRUCTURAL ENGINEER'S SPECS.

26 Ga. PRE-FINISHED METAL EDGE FLASHING

NEOPRENE PAD AT POST LOCATIONS ONLY

WOOD FASCIA - PAINT

GASKETTED STAINLESS STEEL FASTENERS PER STRUCTURAL ENGINEER'S SPECS.

WATERPROOF MEMBRANE

BALCONY

ROUT RECESS IN PLYWOOD FOR DECK EDGE FLASHING

MIN. 2% SLOPE REQUIRED

EXTERIOR GRADE PLYWOOD SHEATHING ON 2 X - TAPEERED SHIMS (ONE PER JOIST) SLOPED TO EDGE PER STRUCTURAL ENGINEER'S SPECS.

BALCONY FRAMING PER STRUCTURAL ENGINEER'S SPECS.

AIR BARRIER / SHEATHING MEMBRANE

VENTILATED SOFFIT PANELS
NOTES:

1. AT HEAD LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. REFER TO WINDOW WATERPROOFING SEQUENCE DETAIL NOS. 3.4a -3.4i.
3. HEAD FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS.
4. HEAD METAL FLASHING MUST NOT IMPED THE OPERATION OF WINDOW.

EXTERIOR SHEATHING
VINYL SIDING
INSULATION
AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND METAL FLASHING
HEAD RETAINER CLIPS; SPACING, FASTENING AND DIMENSIONS AS SPECIFIED BY WINDOW MANUFACTURER
HORIZONTAL VINYL 'J' CHANNEL WITH WEEP HOLES
26 Ga. PRE-FINISHED METAL HEAD FLASHING c/w END DAMS

WINDOW

VAPOUR BARRIER
SEALANT
INTERIOR FINISH (DRYWALL)
SEAL WINDOW FLANGE TO AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP WITH URETHANE CAULKING AT HEAD AND JAMBS ONLY - DO NOT SEAL WINDOW SILL FLANGE TO ALLOW FOR DRAINAGE

Window - Head

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NOTE:

1. REFER TO WINDOW WATERPROOFING SEQUENCE DETAIL NOS. 3.4a -3.4i.
1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. REFER TO WINDOW WATERPROOFING SEQUENCE DETAIL NO. 3.4a -3.4i.
3. SILL FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS.

**NOTES:**

- PLASTIC HORSESHOE SHIMS AT SILL AT 6" O.C. OR AS APPROVED BY THE WINDOW MANUFACTURER
- WINDOW
- CONTINUOUS SEALANT BETWEEN METAL FLASHING AND FRAME
- 26 Ga. PRE-FINISHED METAL SILL FLASHING c/w END DAMS
- VINYL SIDING
- AIR BARRIER / SHEATHING MEMBRANE UNDER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- TAPE / SEALANT
- EXTERIOR SHEATHING
- INSULATION
- SELF ADHESIVE MEMBRANE BEHIND FLANGE; INSTALL MIN. 3" UP WINDOW JAMBS
- WOOD SILL
- OFFSET FLANGE FROM WALL WITH 1/8" SHIMS @ 6" O.C.
- SELF ADHESIVE MEMBRANE UNDER WINDOW FLANGE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- VAPOUR BARRIER
- INTERIOR FINISH (DRYWALL)
EXTERIOR SHEATHING

VERIFY SHEATHING EDGES ARE CUT FLUSH WITH FRAMES AT ALL SIDES

CORROSION RESISTANT STAPLES ALONG TOP EDGE (ALIGNED WITH STUDS)

LEAVE SILL AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP (12" WIDE) UNATTACHED AT THE BOTTOM EDGE SO THAT FIELD AIR BARRIER / SHEATHING MEMBRANE CAN BE INSTALLED UNDERNEATH IT

DRILL 2" Ø VENT HOLES IN EACH STUD CAVITY BELOW WINDOW SILL
NOTE:
1. PRIME ALL SURFACES TO RECEIVE SELF ADHESIVE MEMBRANE PER MEMBRANE MANUFACTURER'S SPECIFICATION.
NOTE:

1. INSTALL STAPLES VERTICALLY @ 6" o.c.; HORIZONTALLY TO BE ALIGNED WITH STUDS.
Window Waterproofing Sequence (4 of 9)

- Apply continuous sealant on backside of window flanges at head & jambs; then install frame to opening; apply fillet caulk to edge of window flange & nail holes to ensure continuous seal. Do not install sealant at sill to provide a path for drainage.

- Place extra sealant at miter corners of window frame typical (backside).

- Fasten at head using head retainer clips per manufacturer's specification.

- Shim sill flange 1/8" off wall face for air space with 1/8" plastic shims at 6" o.c.

- Nailing of windows to be per window manufacturer's recommendations; apply sealant over nails.

- Plastic horseshoe shims at sill at 6" o.c. or as approved by the window manufacturer.

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NOTE: -

1. DIMENSIONS OF HEAD METAL FLASHING MUST NOT IMPEDE THE OPERATION OF WINDOW. HEAD FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS.

INSTALL 26 Ga. PRE-FINISHED METAL HEAD FLASHING COMPLETE WITH END DAMS (25 mm) - SEE NOTE 1
TUCK BOTTOM SHEET OF AIR BARRIER / SHEATHING MEMBRANE UNDER THE AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

TAPE BETWEEN AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND AIR BARRIER / SHEATHING MEMBRANE FOR AIR BARRIER CONTINUITY
TAPE ALL JOINTS FOR AIR BARRIER CONTINUITY

TAPE / SEAL AIR BARRIER / SHEATHING MEMBRANE OVER WINDOW JAMB FLANGES & OVER HEAD METAL FLASHING

AIR BARRIER / SHEATHING MEMBRANE
NOTE: INSTALLATION SEQUENCE: A,B,C

AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AT SILL

Window Waterproofing Sequence (7 of 9)

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3.4g
1. SILL FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS.
Seal between flashing end dams and siding

Caulk the gaps between window jamb & siding per window manufacturer's specifications & guidelines

Caulk the gaps between window sill & sill flashing per window manufacturer's specifications & guidelines

Vinyl siding - install in accordance with manufacturer's requirements and specifications and per building code

Window Waterproofing Sequence (9 of 9)

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Scale

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3.4i
NOTES:

1. AT HEAD LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. HEAD FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS.

EXTERIOR SHEATHING

INSULATION

AIR BARRIER / SHEATHING MEMBRANE LAPS OVER METAL FLASHING AND AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

VINYL SIDING

HEAD RETAINER CLIPS; SPACING, FASTENING AND DIMENSIONS AS SPECIFIED BY DOOR MANUFACTURER

HORIZONTAL VINYL 'J' CHANNEL WITH WEEP HOLES

26 Ga. PRE-FINISHED METAL HEAD FLASHING c/w END DAMS

SLIDING DOOR

VAPOUR BARRIER

SEALANT

INTERIOR FINISH (DRYWALL)

SEAL DOOR FLANGE TO AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP WITH URETHANE CAULKING AT HEAD AND JAMBS ONLY - DO NOT SEAL DOOR SILL FLANGE TO ALLOW FOR DRAINAGE

SCALE

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3.5
VAPOUR BARRIER
SEALANT
SEAL DOOR FLANGE TO AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP WITH URETHANE CAULKING AT HEAD AND JAMBS ONLY - DO NOT SEAL DOOR SILL FLANGE TO ALLOW FOR DRAINAGE
SEALANT
SLIDING DOOR
SEALANT
INTERIOR FINISH (DRYWALL)
INSULATION
AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
AIR BARRIER / SHEATHING MEMBRANE LAP OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND DOOR JAMB FLANGES
EXTERIOR SHEATHING VINYL SIDING

Sliding Door - Jamb

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1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS.

NOTES:

- SLIDING DOOR
- WATERPROOFING MEMBRANE; MIN. 8" UP DOOR JAMBS FROM TOP OF FINISHED BALCONY SURFACE
- BALCONY
  - 1/8" PLASTIC SHIMS BEHIND SILL FLANGE; SEAL ALL NAIL PENETRATIONS AT SILL
  - 24 Ga. PRE-FINISHED METAL SILL FLASHING C/W END DAMS
  - WATERPROOF MEMBRANE UNDER DOOR FRAME AS SHOWN - CREATE SIDE & BACK DAMS
  - WOOD SILL
  - BASE BOARD
  - VAPOUR BARRIER
- SEALS AS PER DOOR MANUFACTURER'S SPECS
- SEALANT
- 3/4"x1"x1/8" CONT. ALUMINUM ANGLE - SEE DETAIL 'A'
- CORROSION RESISTANT FASTENERS @ 12" O.C.
- MIN. 3/4" CLEAR
- BALCONY FRAMING PER STRUCTURAL ENGINEER'S SPECS.
- EXTERIOR GRADE PLYWOOD SHEATHING ON 2 X - TAPERED SHIMS (ONE PER JOIST) SLOPED TO EDGE PER STRUCTURAL ENGINEER'S SPECS.
- AIR BARRIER/SHEATHING MEMBRANE
- MIN. 2% SLOPE REQUIRED

DETAIL 'A'

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1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS.

NOTES:

SLIDING DOOR

PATIO

WATERPROOFING MEMBRANE; MIN. 8" UP DOOR JAMBS FROM TOP OF FINISHED PATIO SURFACE

1/8" PLASTIC SHIMS BEHIND SILL FLANGE; SEAL ALL NAIL PENETRATIONS AT SILL

24 Ga. PRE-FINISHED METAL SILL FLASHING C/W END DAMS

WATERPROOF MEMBRANE UNDER DOOR FRAME AS SHOWN - CREATE SIDE & BACK DAMS

MIN. 2% SLOPE REQUIRED

CONCRETE TOPPING / FINISHED SURFACE

SHIMS AS PER DOOR MANUFACTURER'S SPECS

CONTINUOUS SEALANT

SUITE

3/4"x1"x1/8" CONT. ALUMINUM ANGLE - SEE DETAIL 'A'

CORROSION RESISTANT FASTENERS @ 12" O.C.

WOOD SILL

BASE BOARD

VAPOUR BARRIER

SCALE

DETAIL NO.

N.T.S

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NOTES:

1. AT HEAD LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. HEAD FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS.

EXTERIOR SHEATHING
INSULATION
VINYL SIDING
AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND METAL FLASHING
SEALANT
AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
HORIZONTAL VINYL 'J' CHANNEL WITH WEEP HOLES
26 Ga. PRE-FINISHED METAL HEAD FLASHING c/w END DAMS
BRICK MOLD - PAINT
SWING DOOR

INTERIOR FINISH (DRYWALL)
VAPOUR BARRIER
TRIM
SEALANT

Swing Door - Head

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SEALANT

BRICK MOLD

SEALANT

SEALANT

AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

SWING DOOR

TRIM

VINYL SIDING

EXTERIOR SHEATHING

AIR BARRIER / SHEATHING MEMBRANE LAPS OVER
AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

INSULATION

VAPOUR BARRIER

INTERIOR FINISH (DRYWALL)

SEALANT

Swing Door - Jamb

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1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS.

SWING DOOR, CASING & THRESHOLD
WATERPROOFING MEMBRANE; MIN. 8" UP DOOR JAMBS FROM TOP OF FINISHED BALCONY SURFACE
24 Ga. PRE-FINISHED METAL SILL FLASHING C/W END DAMS
WATERPROOF MEMBRANE UNDER DOOR FRAME AS SHOWN - CREATE SIDE & BACK DAMS
BALCONY
MIN. 2% SLOPE REQUIRED
BALCONY FRAMING PER STRUCTURAL ENGINEER'S SPECS.
EXTERIOR GRADE PLYWOOD SHEATHING ON 2 X -- TAPERED SHIMS (ONE PER JOIST) SLOPED TO EDGE PER STRUCTURAL ENGINEER'S SPECS.
24 Ga. PRE - FINISHED METAL SILL FLASHING (INSTALL MIN. 2" UP JAMBS); ADHERED WITH SILICONE AT SILL & WITH CORROSION RESISTANT FASTENERS AT JAMBS
SHIMS @ 6" o.c.
WATERPROOF MEMBRANE UNDER DOOR FRAME AS SHOWN - CREATE SIDE & BACK DAMS
CONTINUOUS SEALANT
3/4" X 1" X 1/8" ALUMINUM ANGLE FIXED WITH CORROSION RESISTANT FASTENERS @ 12" o.c.
WOOD SILL - PAINT

Swing Door - Sill at Balcony

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1. At sill level - turn metal flashings vertically up wall min. 25 mm to create end dams behind siding at both left & right jamb.
2. Sill flashing must extend 3/8" past the door jamb.

Swing Door, Casing & Threshold

Waterproofing Membrane; Min. 8" up door jamb from top of finished patio surface

Corrosion Resistant Fasteners @ 12" o.c.; patch over each fastener head

Patio

Waterproofing Membrane; Min. 3/8" Backdam

24 Ga. Pre-Finished Metal Sill Flashing C/W End Dams

Concrete Topping / Finished Surface

Sealant

3/4" x 1" x 1/8" Aluminum Angle - see detail 'A'

Corrosion Resistant Fasteners @ 12" o.c.

Wood Sill

Vapour Barrier

MIN. 2% SLOPE REQUIRED

1/4" CLEAR

1/2" CLEAR

3/4" NTS

Detail 'A'

Swing Door - Sill at Patio

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Scale

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3.12
NOTE:-
1. LIGHT FIXTURE PROFILE MAY VARY.

ELEV. 'A'
N.T.S.

VAPOUR BARRIER
AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND SELF ADHESIVE MEMBRANE SEALANT
EXTERIOR SHEATHING
INSULATION
VINYL SIDING
SELF ADHESIVE MEMBRANE LAPS OVER LIGHT PLATE FLANGE
SURFACE MOUNT FIXTURE HOUSING TO WALL WITH CORROSION RESISTANT FASTENERS; FILL PILOT HOLES WITH POLYURETHANE CAULKING SEALANT
LIGHT FIXTURE
VINYL LIGHT TRIM PLATE BACK CAULK TOP AND SIDES TO AIR BARRIER / SHEATHING MEMBRANE - INSTALL WEATHERPROOF GASKET BETWEEN FIXTURE AND TRIM PLATE
SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
TUCK AIR BARRIER / SHEATHING MEMBRANE UNDER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

18" SQUARE OF AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

18" SQUARE OF AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

ELEV. 'A'
N.T.S.

Light Fixture

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NOTE:

1. ELECTRICAL BOX PROFILE MAY VARY.

- INSULATION EXTERIOR SHEATHING
- AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND SELF ADHESIVE MEMBRANE SEALANT
- AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP VINYL SIDING
- VINYL MOUNTING PLATE SELF ADHESIVE MEMBRANE PRIMED TO ELECTRICAL BOX
- 3" MIN. S. A. MEMBRANE
- SELF ADHESIVE MEMBRANE
- AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP STARTER
- SEALANT
- ELECTRICAL SERVICE BOX EXTENSION AND WEATHERPROOF COVER SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- TUCK AIR BARRIER / SHEATHING MEMBRANE UNDER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP TAPE / SEALANT
- VAPOUR BARRIER

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<th>Electrical Box</th>
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AVIVA - HOME WARRANTY

DATE
March 28, 2014
NOTE:

1. EXTEND HOSE BIBS TO CLEAR SIDING.

Pipe Protrusion

AVIVA - HOME WARRANTY

SCALE
N.T.S

DETAIL NO.

DATE
March 28, 2014

4.3
Exhaust Vent

AVIVA - HOME WARRANTY

Date: March 28, 2014

Scale: N.T.S.

Detail No.: 4.4
Guard Attachment at Wall

100 mm MAX CLR.

VAPOUR BARRIER

INSULATION

EXTERIOR SHEATHING

AIR BARRIER / SHEATHING MEMBRANE

VINYL SIDING

APPLY 8" SQUARE SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE (c/w MASTIC ALONG TOP EDGE & SIDES)

INSTALL ALUMINUM AND GLASS GUARD OR ALUMINUM PICKETTED GUARD c/w GASKETED STAINLESS STEEL FASTENERS PER STRUCTURAL ENGINEER'S SPECIFICATIONS

STAINLESS STEEL, GASKETED FASTENERS; FILL PILOT HOLES WITH URETHANE SEALANT; DO NOT OVERTIGHTEN & COMPRESS SIDING

URETHANE SEALANT BEHIND FASTENERS

PRESSURE TREATED WOOD BLOCKING AT FASTENERS LOCATION PER STRUCTURAL ENGINEER'S SPECS.

AVIVA - HOME WARRANTY

SCALE

DETAIL NO.

N.T.S

DATE

March 28, 2014

4.5