



McDonald's Restaurants of Canada Limited  
McDonald's Place, Toronto, Ontario  
M3C 3L4

Bulletin contents are  
**MISSION CRITICAL**  
and must be incorporated into  
Construction.

## NATIONAL DESIGN / EQUIPMENT BULLETIN

ITEM:	Air / Vapour Barrier Application – REVISED (R-3)
Date:	March 05, 2012
BULLETIN No. :	111.3
Issued By:	Nicola Osborn - National Design & Construction

This bulletin has been issued to revise the A/V product specification as follows:

The product 'SlopeShield' air/vapour barrier by VaproShield **has been changed** to 'WrapShield' air/vapour barrier by VaproShield.

*No substitutions or changes are to be made to any of these details without written approval from the National Design & Construction Dept.*

### NOTES:

1. VaproShield 'WrapShield' is red on one side and white on the other. It is a single product to be used at red or white metal panel/profile locations only to provide a visual representation of the metal cladding colors while the store waits for shipment.
2. Refer to attached drawings for product type and location.
3. At all horizontal / low slope surfaces, where there is potential for pooling of water, a butyl based membrane is REQUIRED. Refer to attached details.
4. Included with this bulletin are the following documents: architectural design guide, manufacturer's product specification and NRC evaluation report.

### CONTACTS:

#### General Product Information:

##### VAPRO SHIELD

Dave Hales  
1027 Laidlaw Drive  
Milton, Ontario L9T 2S2  
416-561-6623 (Cell)  
905-875-2736 (Office)  
[daveh@vaprosshield.com](mailto:daveh@vaprosshield.com)  
[www.vaprosshield.com](http://www.vaprosshield.com)

## CONTACTS (Cont'd)

### Ordering and Distribution:

#### **BC market and AB Markets**

##### **VaproShield Canada**

Audra Coggin

101-1001 West Broadway, Suite 545

Vancouver, BC V6H 4E4

1-866-871-8263 phone

1-866-340-2587 fax

Send orders to: [ordersca@vaproshield.com](mailto:ordersca@vaproshield.com)

[audrac@vaproshield.com](mailto:audrac@vaproshield.com)

[www.vaproshield.ca](http://www.vaproshield.ca)

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#### **ON/ QC Markets**

##### **Canadian Brass & Copper Co.**

Rob Cox/ Alex Michael

225 Doney Crescent

Concord, ON L4K 1P6

**Phone:** 416-736-0797

**Fax:** 416-736-7510

**Email:** [robcox@on.aibn.com](mailto:robcox@on.aibn.com)

**Website:** [www.canadianbrass.ca](http://www.canadianbrass.ca)

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#### **Eastern Markets**

##### **Bird Stairs**

Matthew Brunt, CTR

Division Manager

Construction Products, NS

Bird-Stairs

670 Wilsey Road

Postal Code: E3B 7K4

Phone: (506) 453-9915

Fax: (506) 453-0513

**Email:** [mbrunt@birdstairs.ca](mailto:mbrunt@birdstairs.ca)

**Website:** <http://www.birdstairs.ca/Main-Cat/Fredericton-Location.html>

No substitutions or changes are to be made to this detail without written approval from  
The National Design & Construction Dept.

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This Design/Equipment Bulletin is a notification to McDonald's Architects, Consultants, Contractors, Restaurant Development Staff and Walmart, providing updates/addendums to Design, Equipment, Construction Drawings or Specifications packages. The information reflected in this Bulletin should be incorporated into the Standard Construction and Equipment Documents for all future projects. All and/or any costs associated with the information in these Bulletins must be relayed to the respective Regional Manager of Construction for review and approval prior to implementation.

<p><b><u>CONSULTANTS:</u></b></p> <ul style="list-style-type: none"> <li>• Manon Renaud Architecte - <a href="mailto:mrenaud@mraa.ca">mrenaud@mraa.ca</a>, <a href="mailto:ecote@mraa.ca">ecote@mraa.ca</a></li> <li>• Naylor Architect Inc - <a href="mailto:chris@naylorarchitect.com">chris@naylorarchitect.com</a></li> <li>• PJ Lovick Architect - <a href="mailto:pjlovick@pjlovick.com">pjlovick@pjlovick.com</a>, <a href="mailto:zmotivala@pjlovick.com">zmotivala@pjlovick.com</a></li> <li>• Turner Fleisher Architects Inc - <a href="mailto:chow@tfai.com">chow@tfai.com</a>, <a href="mailto:christian@turnerfleischer.com">christian@turnerfleischer.com</a></li> <li>• Stantec – <a href="mailto:jay.baptista@stantec.com">jay.baptista@stantec.com</a>, <a href="mailto:Doug.Mighell@stantec.com">Doug.Mighell@stantec.com</a></li> <li>• EllisDon – <a href="mailto:jgunn@ellisdon.com">jgunn@ellisdon.com</a>, <a href="mailto:abolanos@ellisdon.com">abolanos@ellisdon.com</a>, <a href="mailto:dduric@ellisdon.com">dduric@ellisdon.com</a>, <a href="mailto:gpilmoor@ellisdon.com">gpilmoor@ellisdon.com</a></li> <li>• Genivar – <a href="mailto:real.theriault@genivar.com">real.theriault@genivar.com</a>, <a href="mailto:Nolan.delarochelliere@genivar.com">Nolan.delarochelliere@genivar.com</a></li> <li>• Greystone Design Group – <a href="mailto:ben@greystonedesign.on.ca">ben@greystonedesign.on.ca</a>, <a href="mailto:paul@greystonedesign.on.ca">paul@greystonedesign.on.ca</a></li> <li>• DeZine – <a href="mailto:lloyd@2dezine.com">lloyd@2dezine.com</a>, <a href="mailto:victor@2dezine.com">victor@2dezine.com</a>, <a href="mailto:keisha@2dezine.com">keisha@2dezine.com</a></li> </ul>	<p><b><u>NATIONAL DESIGNERS</u></b></p> <ul style="list-style-type: none"> <li>• Manon Renaud Architecte - <a href="mailto:groy@mraa.ca">groy@mraa.ca</a>, <a href="mailto:mgagnon@mraa.ca">mgagnon@mraa.ca</a></li> <li>• Ron Vornbrock - <a href="mailto:rvornbrock@telus.net">rvornbrock@telus.net</a>, <a href="mailto:svornbrock@telus.net">svornbrock@telus.net</a></li> <li>• DeSignum Design - <a href="mailto:karen@designumdesign.com">karen@designumdesign.com</a>, <a href="mailto:paula@designumdesign.com">paula@designumdesign.com</a></li> <li>• II BY IV Design Associates – <a href="mailto:dan@iibyiv.com">dan@iibyiv.com</a>, <a href="mailto:vivian@iibyiv.com">vivian@iibyiv.com</a></li> </ul>
<p><b><u>NATIONAL VENDORS</u></b></p> <ul style="list-style-type: none"> <li>• Vapro Shield – <a href="mailto:daveh@vaproshield.com">daveh@vaproshield.com</a>;</li> </ul>	<p><b><u>McDONALD'S RESTAURANTS</u></b></p> <ul style="list-style-type: none"> <li>• Canadian Extended Leadership Team</li> <li>• All Regional Construction Managers &amp; Project Managers</li> <li>• All Regional Directors of Development</li> <li>• National Design &amp; Construction Department</li> <li>• Destination 2012 – <a href="mailto:Geoff.nakamura@ca.mcd.com">Geoff.nakamura@ca.mcd.com</a>, <a href="mailto:paul.fjarlie@ca.mcd.com">paul.fjarlie@ca.mcd.com</a>, <a href="mailto:jeff.topping@ca.mcd.com">jeff.topping@ca.mcd.com</a>, <a href="mailto:roger.savageau@ca.mcd.com">roger.savageau@ca.mcd.com</a>, <a href="mailto:steve.chow@ca.mcd.com">steve.chow@ca.mcd.com</a></li> </ul>

GENERAL NOTES:

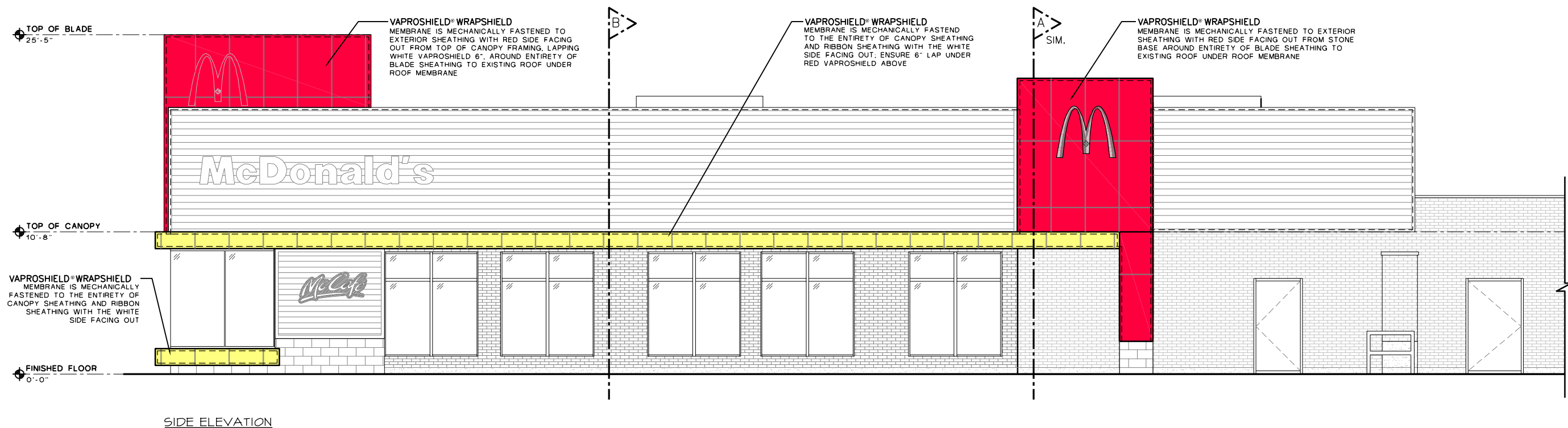
BUTYL BASE ICE & WATER SHIELD TO BE ADHERED TO ALL HORIZONTAL AND SLOPED SURFACES, LAPPING A MINIMUM OF 4" ON ADJACENT VERTICAL PLANES (UP + DOWN)



THE QUALITY OF VAPROSHIELD WRAPSHIELD IS ONLY GUARANTEED FOR 90 DAYS WHEN EXPOSED TO NATURAL ELEMENTS SUCH AS WATER AND UV; METAL PANEL SUPPLIER AND GC TO ENSURE PANELS WILL BE INSTALLED SO THAT PRODUCT WILL NOT BE DAMAGED

G.C. TO REFER TO MANUFACTURER SPECIFICATIONS AND INSTALLATION REQUIREMENTS PRIOR TO INSTALLATION

USE OF VAPRO SHIELD WRAPSHIELD IS SUBJECT TO CCMC EVALUATION REPORT 13547-R

THIS BULLETIN DOES NOT TAKE INTO CONSIDERATION NATIONAL OR PROVINCIAL BUILDING CODES AND MUNICIPAL BY-LAWS



	<b>VAPROSHIELD® WRAPSHIELD RED</b> MEMBRANE IS MECHANICALLY FASTENED TO SUBSTRATE, WITH WHITE VAPRO CAPS; RED FACE OUT
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<b>NOTE:</b> USE PRODUCT WITH INTEGRATED TAPE	



TYPICAL VAPRO SHIELD WRAP SHIELD RED  
MEMBRANE LOCATIONS



TURNER FLEISCHER

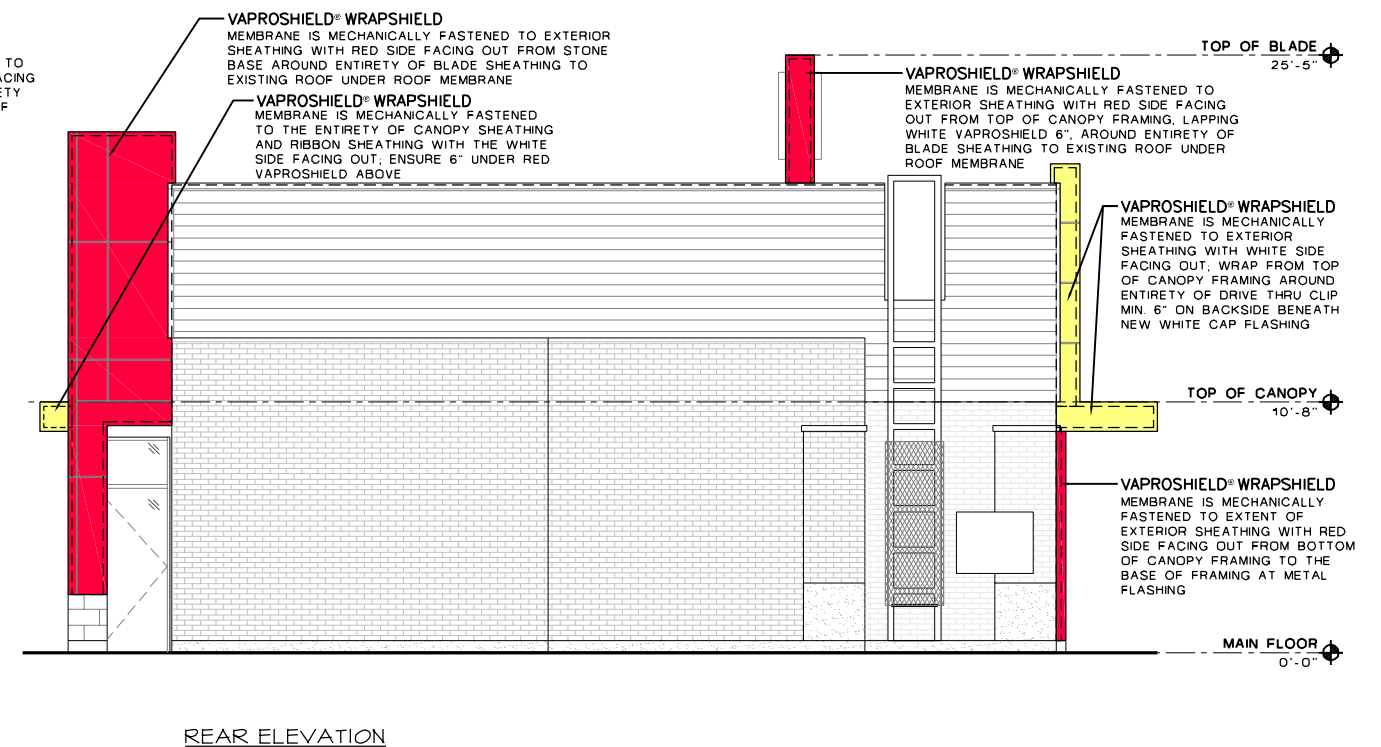
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**NOTE:**

USE PRODUCT WITH INTEGRATED TAPE



## TYPICAL VAPRO SHIELD WRAP SHIELD RED MEMBRANE LOCATIONS



TURNER FLEISCHER

GENERAL NOTES:

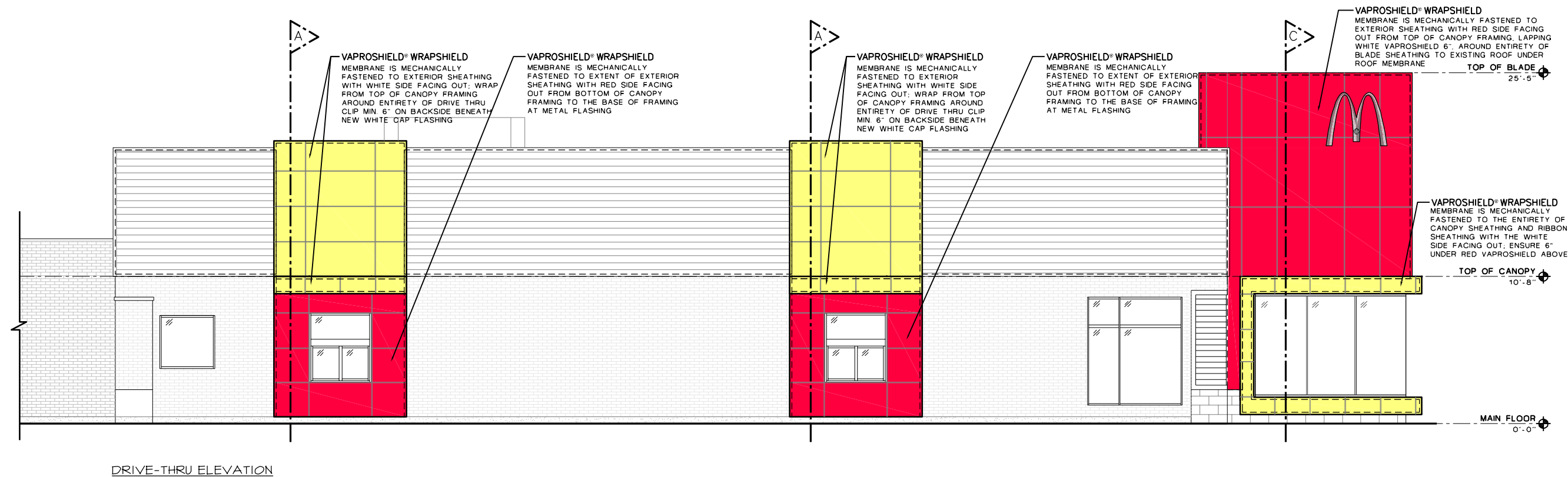
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TYPICAL VAPRO SHIELD WRAP SHIELD RED  
MEMBRANE LOCATIONS



TURNER FLEISCHER

GENERAL NOTES:



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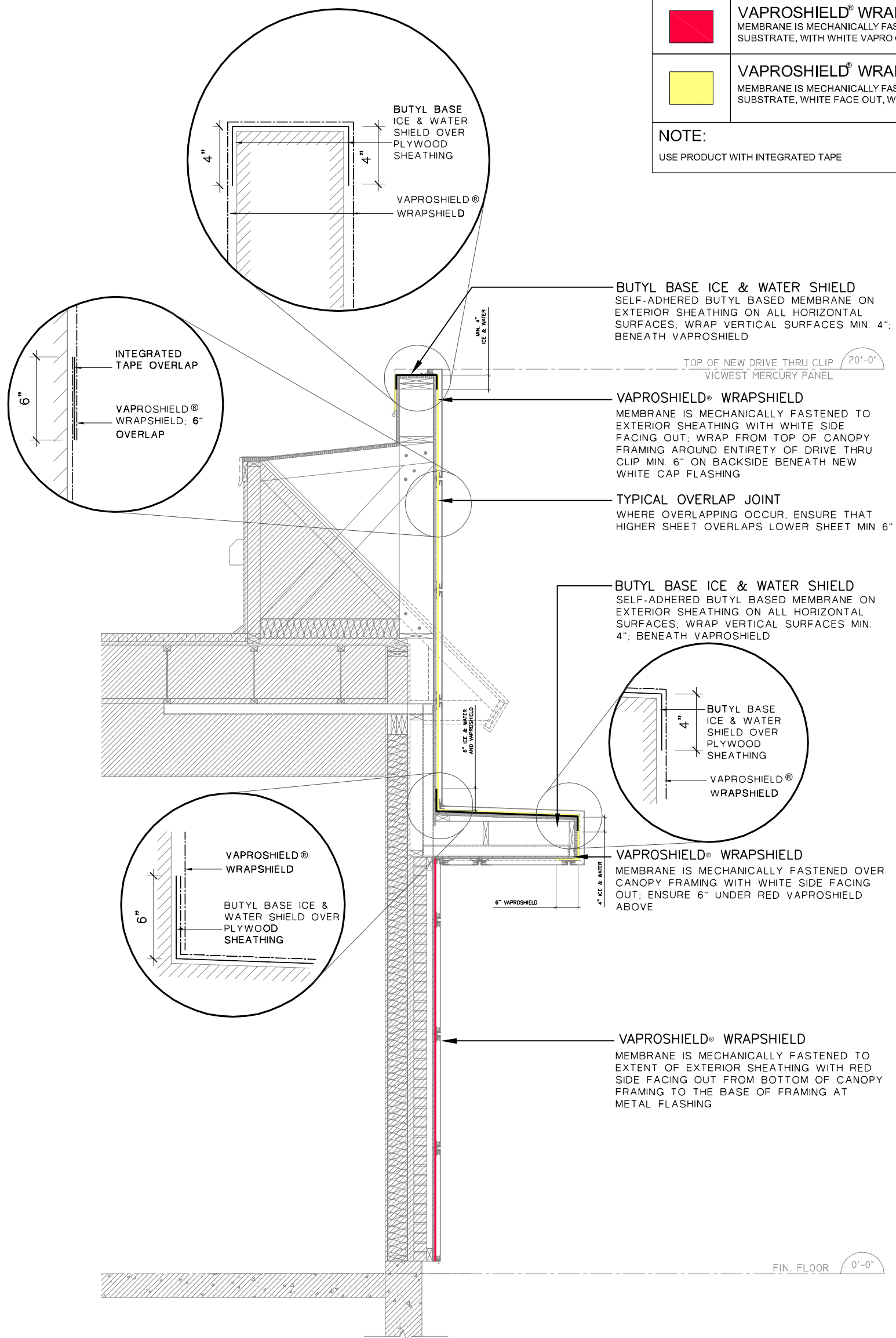
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## NOTE:

USE PRODUCT WITH INTEGRATED TAPE



## SECTION A- APPLICATION AT DRIVE THRU CANOPIES



## TYP. VAPRO SHIELD WRAP SHIELD RED MEMBRANE DETAILS



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GENERAL NOTES:



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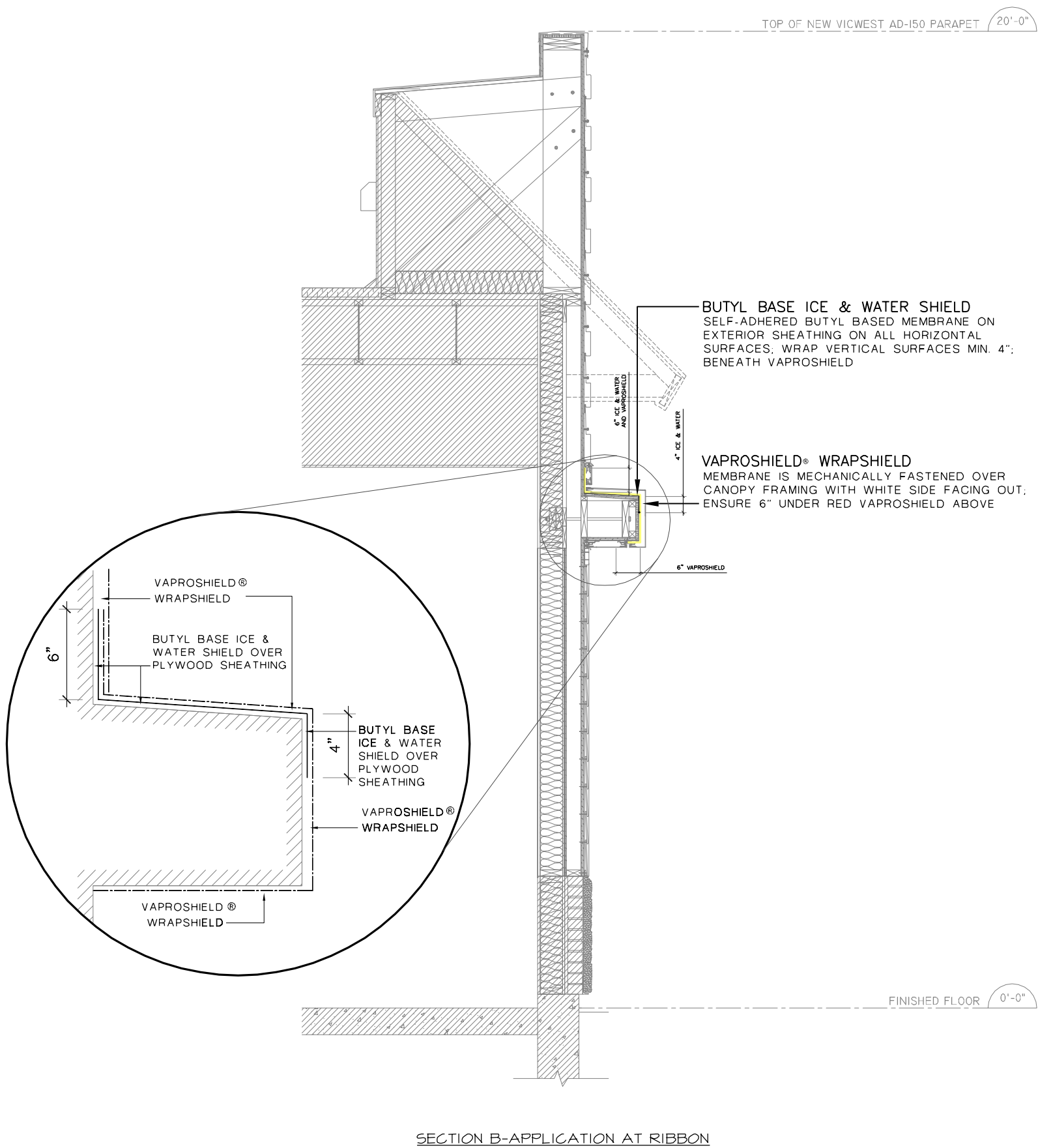
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TYP. VAPRO SHIELD WRAP SHIELD RED  
MEMBRANE DETAILS



TURNER FLEISCHER



GENERAL NOTES:



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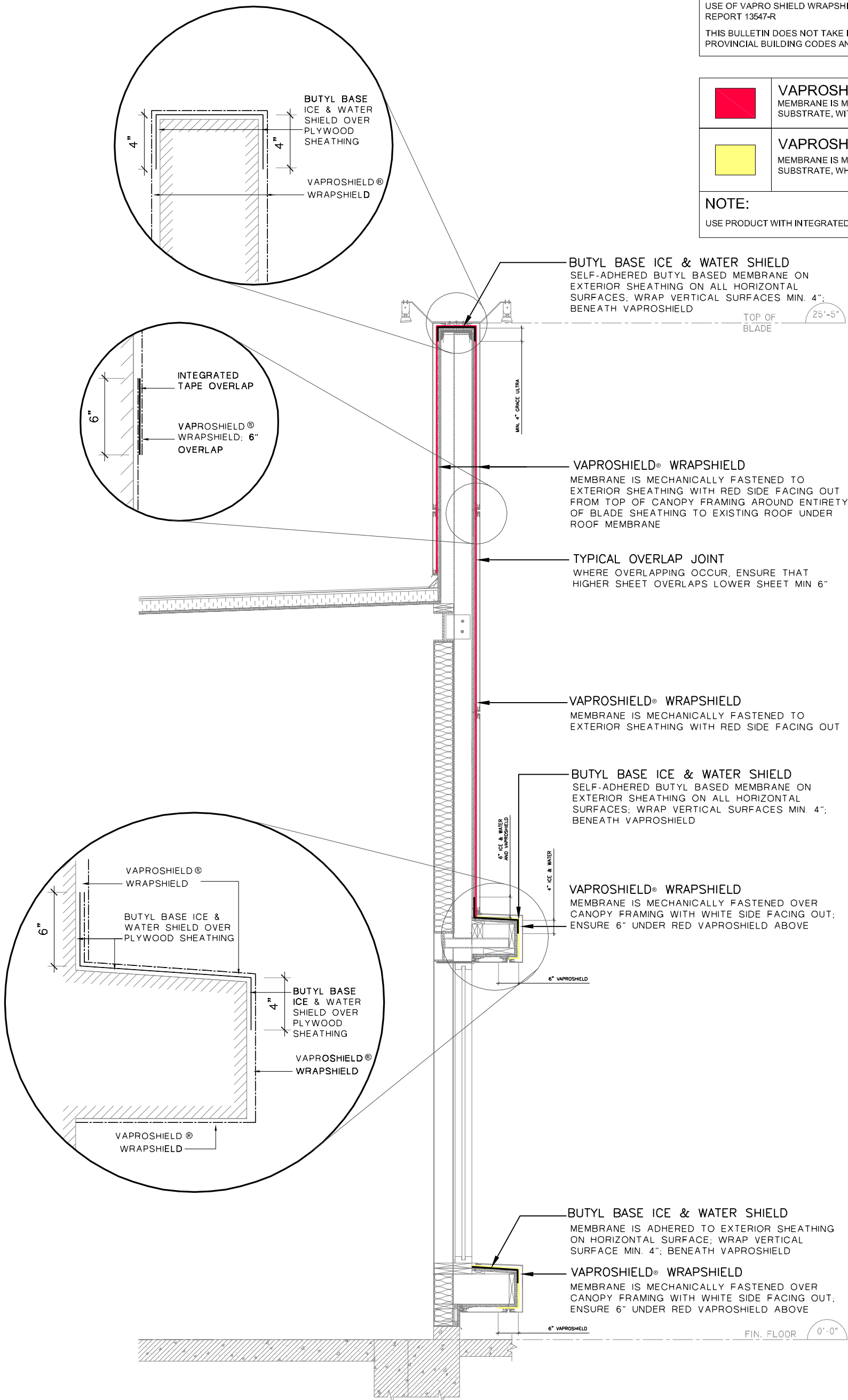
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SECTION C-APPLICATION AT BLADE ELEMENTS



TYP. VAPRO SHIELD WRAP SHIELD RED  
MEMBRANE DETAILS



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## 1. Product Name

**WrapShield® with Integrated Tape**  
**Water Resistive Vapor Permeable Air Barrier**  
**Sheet Membrane**

## 2. Manufacturer

VaproShield, LLC.  
 915 26th Avenue, NW #C5  
 Gig Harbor, WA 98335  
 Toll Free: (866) 731-7663  
 Phone: (253) 851-8286  
 Email: [info@vaproshield.com](mailto:info@vaproshield.com)  
 Web: [www.vaproshield.com](http://www.vaproshield.com)

## 3. Product Description

### BASIC USE AND APPLICATIONS

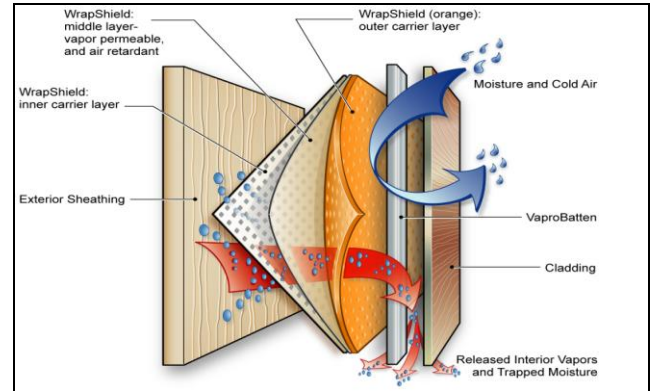
WrapShield with Integrated Tape is a mechanically attached high performance Water Resistive Barrier (WRB) and Air Barrier (AB) material with integrated tape, designed for above grade use in wall assemblies.

### BENEFITS

WrapShield with Integrated Tape is recommended for applications requiring a high level of vapor permeability while limiting Air Leakage and Infiltration through the Building enclosure. WrapShield with Integrated Tape provides outstanding liquid water holdout capabilities as a Water Resistive Barrier (WRB) and it can perform as an Air Barrier (AB) when installed according to VaproShield's published installation instructions. The incorporation of the integrated tape at the horizontal seams makes installation quick and efficient, while offering a superior mechanically attached air barrier system.

### MATERIAL

WrapShield with Integrated Tape is manufactured from 100% flash spun bonded, high-density polypropylene fabric. It is bonded by heat and pressure without binders or fillers into tough, durable sheets. WrapShield with Integrated Tape has a triple-layered construction to achieve the ideal combination of performance characteristics. WrapShield with Integrated Tape meets the following basic criteria: vapor permeable, water resistant, wind resistant, UV stabilized, rot proof, and tear resistant.



### SIZE:

Roll Size: 59 inches by 164 feet (1500 mm by 50 m)

## 4. Technical Data

Tested in accordance with: ICC-ES AC 38 criteria to meet IBC and IRC requirements for Weather Resistive Barriers; and tested in accordance with CCMC testing requirements.

### WrapShield Testing

Property	Standard/Test	Result
<b>Air Barrier Testing</b>		
Air Permeance of Building Materials	ASTM 2178	0.0095 L/s/m <sup>2</sup> 0.0019 cfm/ft <sup>2</sup> PASS
Air Leakage through Wall Systems	ASTM E-283	0.00017 L/s/m <sup>2</sup> 0.000034 cfm/ft <sup>2</sup> PASS
Air Retarder Materials & Systems	ASTM E-1677	Type 1 Air Barrier PASS
Tensile Strength	ASTM D882	MD - 44.8 lbf/inch (4.94 N/mm) CD - 25.1 lbf/inch PASS
Water Resistance (control and weathered specimens)	AATCC 127 (55cm Hydrostatic Head of Water for 5 hrs)	No leakage noted on underside of control or weathered samples PASS
Water Vapor Transmission	ASTM E96	308.9 g/m <sup>2</sup> 24 hrs 2860 ng/Pa/s/m <sup>2</sup> 50 Perms PASS
Flamespread Index	ASTM E-84	10 - Class A PASS
Smoke Development Index	ASTM E-84	35 - Class A PASS

### SUSTAINABLE DESIGN BENEFITS

WrapShield with Integrated Tape Water-Resistive Vapor-Permeable Air Barrier Sheet Membrane protects

## PRODUCT DATA SHEET

against water intrusion but allows building materials that may have become wet during the construction phase to dry out, reducing the risk of wood rot, deterioration or corrosion.

### RELATED LEED CREDITS

WrapShield membrane contributes to LEED points, is 100 percent recyclable and is free of urea-formaldehyde components.

- IEQ Credit 3.1: Construction Indoor Air Quality Management Plan-During Construction
- EA Credit 1: Optimize Energy Performance

## 5. Installation

### STORAGE AND HANDLING

Rolls should be stored on a clean, dry, level surface – either flat or upright – and kept under cover.

### PREPARATION

- WrapShield with Integrated Tape can be installed over multiple substrates including: Plywood, OSB, Framing Lumber, Gypsum Sheathing, Rigid Insulation, and Semi-Rigid Insulation (Mineral Fiber).
- WrapShield with Integrated Tape can be installed over wet substrates to limit further water intrusion and to allow the substrate to dry during the construction period. See Installation Instructions on website for step by step pictures of installation.

### FASTENING GUIDELINES

- WrapShield with Integrated Tape is mechanically fastened to the substrate. Stainless Steel Staples or Cap Nails may be used as temporary fasteners during installation but only at locations that will be covered by the shingling of the next layer of material. See complete Installation Instructions on website for additional information.
- DO NOT place fasteners in the Integral Tape overlap area prior to removal of the release papers and sealing of the Integral Tape seam. Fasteners should be placed in the overlap area only after the Integral Tape release papers have been removed and the horizontal joint is sealed.
- Join horizontal seams by pulling and removing both release papers simultaneously (the underside of the overlapping upper course and the top side of the lower course).
- Exposed fasteners for the WrapShield with Integrated Tape WRB/AB will require VaproCaps and #6, #7, or #8 size corrosion protected bugle headed screws of the appropriate thread design

## 07 27 27 Water Resistive Air Barrier Membrane

and length for the underlying substrate and framing material.

- VaproCaps are washers that have been extensively tested for both water and air leakage and substitutions are not recommended.

### BEST PRACTICE OVERVIEW

- Horizontal overlaps must be at 6" in order to properly seal the Integral Tape joint. Vertical overlaps are to be 12" minimum and require double sided VaproTape, Tremco Butyl Sealant or Dow 758 Sealant, to provide an Air Barrier Seal. Vertical overlaps are to be staggered a minimum of 24" and should not occur directly above or below windows or doors.
- See additional requirements for OPEN JOINT CLADDING installations at [www.VaproShield.com](http://www.VaproShield.com)
- Always install WrapShield with Integrated Tape in a "*weatherboard or shingle fashion*" with the upper courses lapped on top of the courses below, using the dotted line provided at 6" down from the top edge.

### GENERAL

- **See [www.VaproShield.com](http://www.VaproShield.com) for complete installation instructions.**

### LIMITATIONS

- WrapShield with Integrated Tape should be covered within six months of installation
- Contamination of WrapShield membrane with building site chemicals which make it more wettable (e.g., surfactants), adversely affects its water resistance and therefore its contribution to the water resistance of the overall wall system.
- The WrapShield membrane should not be subjected to asphaltic materials, chemicals, surfactants, or cleaning compounds that could affect the water resistance of the fabric surface; if exposed, replace affected fabric.

## 6. Availability

VaproShield products are available throughout North America; go to [www.vaproshield.com](http://www.vaproshield.com) or contact VaproShield for local contact information: USA Toll Free (866) 731-7663 or Canada (866) 871-8263.

## 7. Warranty

A 20 Year Product Warranty is available.

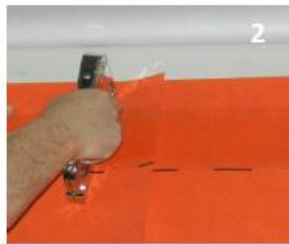


See [www.vaproshield.com](http://www.vaproshield.com) for complete set of installation instructions.



Begin installation at the base of the wall, progressing in a shingle fashion upwards.

Snap a level chalk line for guidance.



Install with SS staples in the top 2" above the Integrated tape.

Avoid stapling in the tape area.



Line up the bottom of the upper course of material with the dotted line on the lower course of material, creating a 6" overlap.



Overlap vertical seams by 12" minimum. Vertical seams can be sealed with Double sided VaproTape or Dow 758 sealant.

**SEE 2 VERT SEAM OPTIONS BELOW:**

VAPROTAPE OPT: #5A – 5D

DOW 758 OR TREMCO BUTYL SEALANT

OPT #6A-6D



Install Double-Sided VaproTape on underlying layer of membrane perpendicular and continuous with the Integral Tape above and below. Remove lower release film from tape, applying hand pressure to place the tape in position.



Roll tape with weighted roller to activate built-in primer.



Remove secondary release paper from top of tape.



Lay overlapping layer of WrapShield onto vertical tape joint and smooth with hand pressure.



Cut and pull back release paper at bottom of membrane tape joint where horizontal joint intersects with vertical joint.



Overlap vertical seams by 12" minimum.

Apply Dow 758 or Tremco Butyl sealant bead just below Integrated Tape line at the vertical seam joint.



Apply Dow 758 or Tremco Butyl sealant in a single bead down the membrane to the bottom of the sheet.



Lay overlapping layer of WrapShield onto vertical sealant joint and smooth with hand pressure.

Cut and pull back release paper at bottom of membrane sealant joint where horizontal joint intersects with vertical joint.



Go over sealant joint with a weighted Roller.



Begin joining horizontal seams by removing both release papers (the underside of the overlapping upper course and the top side of the lower course).



Line up both release papers together so they can be pulled down the wall with one hand.



Use the opposite hand to smooth the two layers together as the release paper is removed.



Smooth out wrinkles with hand pressure.



## **Evaluation Report CCMC 13547-R**

MASTERFORMAT:	07 25 10.03
Issued:	2011-08-17
Revised:	2011-12-12
Re-evaluation due:	2014-08-17

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## **WrapShield®**

### **1. Opinion**

It is the opinion of the Canadian Construction Materials Centre (CCMC) that “WrapShield®”, when used as a breather-type sheathing membrane in accordance with the conditions and limitations stated in Section 3 of this Report, complies with the National Building Code 2010:

- Clause 1.2.1.1.(1)(b), Division A, as an alternative solution that achieves at least the minimum level of performance required by Division B in the areas defined by the objectives and functional statements attributed to the following applicable acceptable solutions:
  - Article 9.27.3.2. Sheathing Membrane Material Standard

This opinion is based on CCMC's evaluation of the technical evidence in Section 4.1 provided by the Report Holder.

Ruling No. 11-11-269 (13547-R) authorizing the use of this product in Ontario, subject to the terms and conditions contained in the Ruling, was made by the Minister of Municipal Affairs and Housing on 2011-11-22 pursuant to s.29 of the Building Code Act, 1992 (see Ruling for terms and conditions). This Ruling is subject to periodic revisions and updates.

### **2. Description**

The product is a 0.51-mm-thick spun-bonded, nonwoven, polypropylene breathable sheathing membrane. It is orange in colour and is available in rolls 1.5 m wide and 50 m long.

### **3. Conditions and Limitations**

CCMC's compliance opinion in Section 1 is bound by the “WrapShield®” being used in accordance with the conditions and limitations set out below.

- The product must be installed with the printed side facing outward and must be protected from exposure to ultraviolet radiation from the sun within 60 days.



- The product must be installed with a minimum 10 mm air space between the sheathing membrane and the cladding, unless the cladding has been deemed not to require an air space (e.g. deemed by CCMC or deemed by building officials based on past cladding performance).
- When the product is used in applications where a concealed air space exceeds 25 mm in width, the concealed air space must contain proper fire stopping in accordance with Subsection 9.10.16., Fire Blocks, of Division B of the NBC 2010.
- The product must be installed in accordance with Article 9.27.3.3., Required Sheathing Membrane and Installation, of Division B of the NBC 2010 and the manufacturer's instructions. If manufacturer's instructions differ, then the installation requirements of the NBC 2010 takes precedence.

## 4. Technical Evidence

The Report Holder has submitted technical documentation for CCMC's evaluation. Testing was conducted at laboratories recognized by CCMC. The corresponding technical evidence for this product is summarized below.

### 4.1 Material Requirements

#### 4.1.1 Test Results for Material Properties

Table 4.1.1

Property	Unit	Requirement	Result
Sheet width (tolerance)	mm	$\geq -6$	+4 (Pass)

### 4.2 Performance Requirements

#### 4.2.1 Test Results for Performance Properties

Table 4.2.1

Property	Unit	Requirement	Result
Tensile strength	N/mm	$\geq 3.5$	8.89
Water vapour permeance <sup>1</sup>	ng/Pa·s·m <sup>2</sup>	$\geq 170$	1203
Water ponding (original) <sup>2</sup>	-	No leakage	Pass
Tensile strength (% retention of original)	%	$\geq 90$ $\geq 85$	$\geq 92$ $\geq 92$
<ul style="list-style-type: none"> <li>• after UV exposure</li> <li>• after UV exposure and heat aging</li> </ul>			
Water vapour permeance	ng/Pa·s·m <sup>2</sup>	$\geq 170$	1300
<ul style="list-style-type: none"> <li>• after UV exposure and heat aging</li> </ul>			
Water ponding	-	No leakage	Pass
<ul style="list-style-type: none"> <li>• after UV exposure and heat aging</li> </ul>			

Notes to Table 4.2.1

<sup>1</sup> ASTM E 96/E 96M-10, "Water Vapour Transmission of Materials," (Desiccant Method).

<sup>2</sup> The water ponding test requires that the membrane retain 25.4 mm of water with no passage of water through the membrane for two hours.

Report Holder: VaproShield Canada ULC  
420 Main Street  
Suite 557  
Milton, ON L9T 5G3  
Tel: 905-875-2736  
866-731-7663  
E-mail: [ordersca@vaproshield.com](mailto:ordersca@vaproshield.com)  
Web: [www.vaproshield.com](http://www.vaproshield.com)

Plant(s): Forfar, Angus, Scotland

*This Report is issued by the Canadian Construction Materials Centre, a program of the Institute for Research in Construction at the National Research Council of Canada. The Report must be read in the context of the entire CCMC Registry of Product Evaluations, including, without limitation, the introduction therein which sets out important information concerning the interpretation and use of CCMC Evaluation Reports.*

*Readers must confirm that the Report is current and has not been withdrawn or superseded by a later issue. Please refer to <http://www.nrc-cnrc.gc.ca/eng/services/irc/ccmc.html>, or contact the Canadian Construction Materials Centre, Institute for Research in Construction, National Research Council of Canada, 1200 Montreal Road, Ottawa, Ontario, K1A 0R6. Telephone (613) 993-6189. Fax (613) 952-0268.*

***NRC has evaluated the material, product, system or service described herein only for those characteristics stated herein. The information and opinions in this Report are directed to those who have the appropriate degree of experience to use and apply its contents. This Report is provided without representation, warranty, or guarantee of any kind, expressed, or implied, and the National Research Council of Canada (NRC) provides no endorsement for any evaluated material, product, system or service described herein. NRC accepts no responsibility whatsoever arising in any way from any and all use and reliance on the information contained in this Report. NRC is not undertaking to render professional or other services on behalf of any person or entity nor to perform any duty owed by any person or entity to another person or entity.***





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Bulletin contents are not mission critical but must be incorporated subject to project progress and subsequent tenders.

NATIONAL DESIGN / EQUIPMENT BULLETIN

ITEM:	Installation of Wall Graphics
Date:	March 12, 2012
BULLETIN No. :	119
Issued By:	Ben Villani & Emily Irving, National Restaurant Development

*Included in this Bulletin are wall graphic installation details. No substitutions or changes are to be made to any of these details without written approval from the National Design & Construction Dept.*

Effective immediately, the following steps must be taken when locating wall graphics on drawings, preparing the artwork files for printing and installing the wall graphics on site:

1. Graphics are not to be wrapped around outside corners as this results in poor installation and often cuts essential portions of the graphic off. The wall graphic should terminate at the corner and be finished with a thin-profile stainless steel corner trim.
2. Graphics should be placed on large expanses of uninterrupted wall spaces. Graphics on walls with large expanses of windows should be avoided as they become too broken up and interrupt the view outside; tile or laminate should be used adjacent to windows instead. Wherever a wall graphic is required for use at a window, the graphic should not return into window; the inside edge closest to the window should be finished in paint, tile or laminate.
3. Special care should be taken during installation to ensure the supplied 2" bleed provided on printed graphics is not cut off or improperly positioned – the graphic installation should be referenced back to the interior design drawings to confirm exact location.

CORRECT



Graphic wraps inside corner, tile on window wall



Graphic on uninterrupted wall, tile used on inside edge

## INCORRECT



**Graphic on wall with large expanse of windows**



**Graphic wraps corner**

**No substitutions or changes are to be made to this detail without written approval from  
National Design & Construction.**

This Design/Equipment Bulletin is a notification to McDonald's Architects, Consultants, Contractors, Restaurant Development Staff and Walmart, providing updates/addendums to Design, Equipment, Construction Drawings or Specifications packages. The information reflected in this Bulletin should be incorporated into the Standard Construction and Equipment Documents for all future projects. All and/or any costs associated with the information in these Bulletins must be relayed to the respective Regional Manager of Construction for review and approval prior to implementation.

### **DISTRIBUTION:**

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- II BY IV Design Associates - [dan@iibiviv.com](mailto:dan@iibiviv.com), [vivian@iibiviv.com](mailto:vivian@iibiviv.com)

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- All Regional Construction Managers & Project Managers
- All Regional Directors of Development
- All Regional Construction Administrators
- National Design & Construction Department
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Bulletin contents are  
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and must be incorporated into  
Construction.

## NATIONAL DESIGN / EQUIPMENT BULLETIN

<b>ITEM:</b>	Exterior Cladding Supplier Contact Information
<b>Date:</b>	September 24, 2012
<b>BULLETIN No. :</b>	116.2
<b>Issued By:</b>	Ron Oswald – Supply Chain Mike Carlile and Ben Villani – National Restaurant Development

This bulletin is being issued to REVISE the Tier Two tendering to any Fabricator evaluated and approved by the Regional Construction Manager.

*Included in this Bulletin are the contact information for Exterior Cladding Suppliers. No substitutions or changes are to be made to any of these details without written approval from the National Design & Construction Dept and Supply Chain teams.*

Contact information is provided by restaurant project tier classification. For information on a specific project's tier allocation, please contact the respective McDonald's Canada Regional Construction Manager.

### **Tier One Projects:** Non-Tendered

VicWest	
Central and West Regions	Mark Quinn <a href="mailto:mquinn@vicwest.com">mquinn@vicwest.com</a> Office: 905-825-2252 x4313 Cell: 289-218-7853
East Region	Michel Guilbault <a href="mailto:mguilbault@vicwest.com">mguilbault@vicwest.com</a> Office : 450-645-9933 Cell : 514-241-9381

**Tier Two Projects:** Tendered to cladding Fabricators that have been evaluated and approved by the Regional Construction Manager

**Tier Three Projects:** Non-Tendered - Order contact information is for both AD300 and AD150 materials

VicWest	
British Columbia	Philip White <a href="mailto:pwhite@vicwest.com">pwhite@vicwest.com</a> Office: 604-946-5316
Alberta	Dwayne Melnychuk <a href="mailto:dmelnchuk@vicwest.com">dmelnchuk@vicwest.com</a> 780-454-4477
Saskatchewan & Manitoba	Blaine Laschuk <a href="mailto:blaschuk@vicwest.com">blaschuk@vicwest.com</a> 204-955-8186

Ontario	Doug Young <a href="mailto:dyoung@vicwest.com">dyoung@vicwest.com</a> 905-807-8171
Quebec	Michel Guilbault <a href="mailto:mguilbault@vicwest.com">mguilbault@vicwest.com</a> 450-645-9933
Maritimes	Robin Cormier <a href="mailto:rcormier@vicwest.com">rcormier@vicwest.com</a> 506-758-8181 x104

**No substitutions or changes are to be made to this detail without written approval from  
Restaurant Development, D2012 National Director, and Supply Chain.**

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## NATIONAL DESIGN / EQUIPMENT BULLETIN

<b>ITEM:</b>	<b>DCB #172.1 – Roof Ladder Extensions</b>
<b>Date:</b>	April 15th, 2013
<b>BULLETIN No. :</b>	<b>172.1</b>
<b>Issued By:</b>	Ben Villani and Mike Carlile, National Design & Construction

To meet Canadian Occupational Health & Safety requirements, **all D2012 re-image sites across Canada** with an existing internal roof hatch ladder are required to implement a roof ladder extension.

### Product Order Info:

#### Maxam Metal Products

- Recommended model: SLP-1 Steel, powder coated safety red
  - Safety pole attaches to existing ladders (ladder rungs must be solid to prevent collapse under excessive weight)
  - 5 year warranty
- Ordering: 1-866-446-2926
- Price: \$250.00 per unit plus applicable taxes and shipping

For the **New/Relo/Rebuilds** that are utilizing an internal roof hatch ladder we recommend the following roof hatch ladder and extension be used (most New/Relo/Rebuilds will have an external roof ladder and will not require the roof hatch ladder extension):

#### Jounault Jourplex

- Recommended model:
  - J500 ladder: \$40.00 per linear foot plus applicable taxes and shipping
  - J501 safety extension: \$180.00 plus applicable taxes and shipping
  - J502 anchor brackets: included in package
- Ordering: 1-800-361-8001
  - Made to order - allow 1 week lead time for manufacturing

***No substitutions or changes are to be made to any of these details without written approval from the National Design & Construction Dept.***

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