

Siding

The Minnesota State Building Code and Richfield City Code provide for creating an environment of health and safety for all Richfield



Purpose: Provide information to contractors and homeowners about siding permit requirements.

Scope: Applies to all structures to which exterior finish materials are being applied.

The following are items contractors and homeowners should be aware of regarding an exterior finish installation project to the *State of Minnesota* building code requirements.

INSPECTIONS: A final inspection is required. By request, a housewrap inspection could also be done. Provide close-up photos of the water-resistive barrier and flashing details at the final inspection. Inspections will not be done unless the permit and inspection record are posted on the site. Failure to complete required inspections is a violation of the building code and is a misdemeanor. Brick and stucco installations require 2 inspections, lath/felt paper and final inspection.

ELECTRICAL PERMIT: Electrical permit is required to reinstall electrical fixtures and devices, service and other electrical equipment. Final approval of the electrical permit is required prior to the final inspection of the exterior finish permit.

WATER RESISTIVE BARRIER: An approved water-resistive barrier (house wrap) shall be installed underneath the exterior finish, taped, sealed and over flashings of doors, windows and all similar penetrations into the exterior finish. All backer products used as a water resistive barrier must meet these requirements and installed per manufacturer's specifications so it does not allow water intrusion into the exterior wall envelope.

FLASHING: Approved corrosion resistant flashing shall be applied shingle-fashion in such as manner as to prevent entry of water into the wall envelope. Flashing shall extend to the surface of the exterior wall finish in the following locations:

1. Exterior window and door openings and similar penetrations.
2. At intersections of the chimneys, masonry construction or stucco walls and over projecting lips or copings.
3. Under and at ends of masonry, wood or metal copings and sills.
4. Continuously above all projecting wood trim.
5. Where exterior porches, decks, stairs or landings at wall or floor assembly of wood frame construction.
6. At wall and roof intersections.
7. At built-in gutters.
8. Where exterior material meets in other than a vertical line.
9. Where the lower portion of sloped roof stops within the plane of intersecting wall cladding in such a manner as to divert or "kick-out" water away from assembly.
10. At gable ends with an overhang where the J-channel extends past the fascia board.

It is not intended nor shall it be considered a complete set of requirements.
City of Richfield ● 6700 Portland Avenue South ● Inspections Division ● (612) 861-9860
Zoning Administrator ● (612) 861-9766
Fire Chief ● (612) 243-4502

EXTERIOR FINISH MATERIAL: All exterior finish material must be weather resistive and installed in accordance with the manufacturer's specifications and the building code. (Be aware of code requirements for clearances to roofing, grade and solid surfaces)

CAULKING AND SEALING: Caulk and seal all exterior penetrations per manufacturer's specifications of exterior finish material.

FASTENERS: Nails and fasteners must be used and spaced according to the manufacturer's specifications and the building code.

HOUSE NUMBERS: Four inch high house numbers must be installed when the job is complete. Numbers shall be plainly visible and legible from the street fronting the property and shall be installed prior to the final inspection.

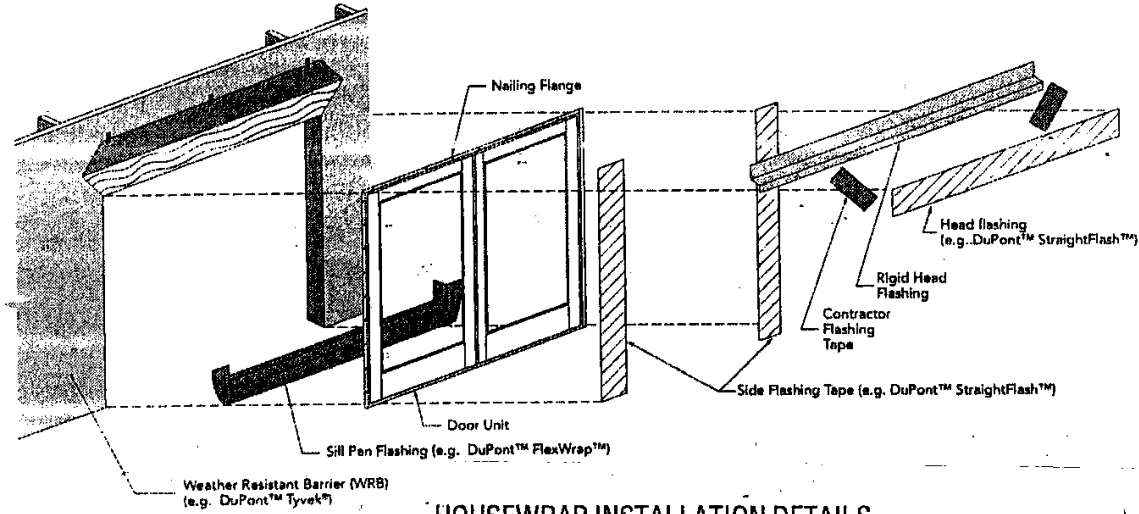
The State of Minnesota requires that residential building contractors, remodelers and roofers obtain a state license unless they qualify for a specific exemption from the licensing requirements. Homeowners may request their certification or license number. The contractor, remodelers and roofers are required to apply for the permit submittals. Contractors performing work involving only one special skill as well as contractors with less than \$15,000.00 in annual receipts are exempt from licensing. Any person claiming an income exemption must provide a copy of a Certificate of Exemption from the Department of Labor and Industry to the City before a permit can be issued.

To determine whether a particular contractor is required to be licensed or to check on licensing status of individual contractors, please call the Minnesota Department of Labor and Industry at 651-296-2594 or toll free at 1-800-657-3602.

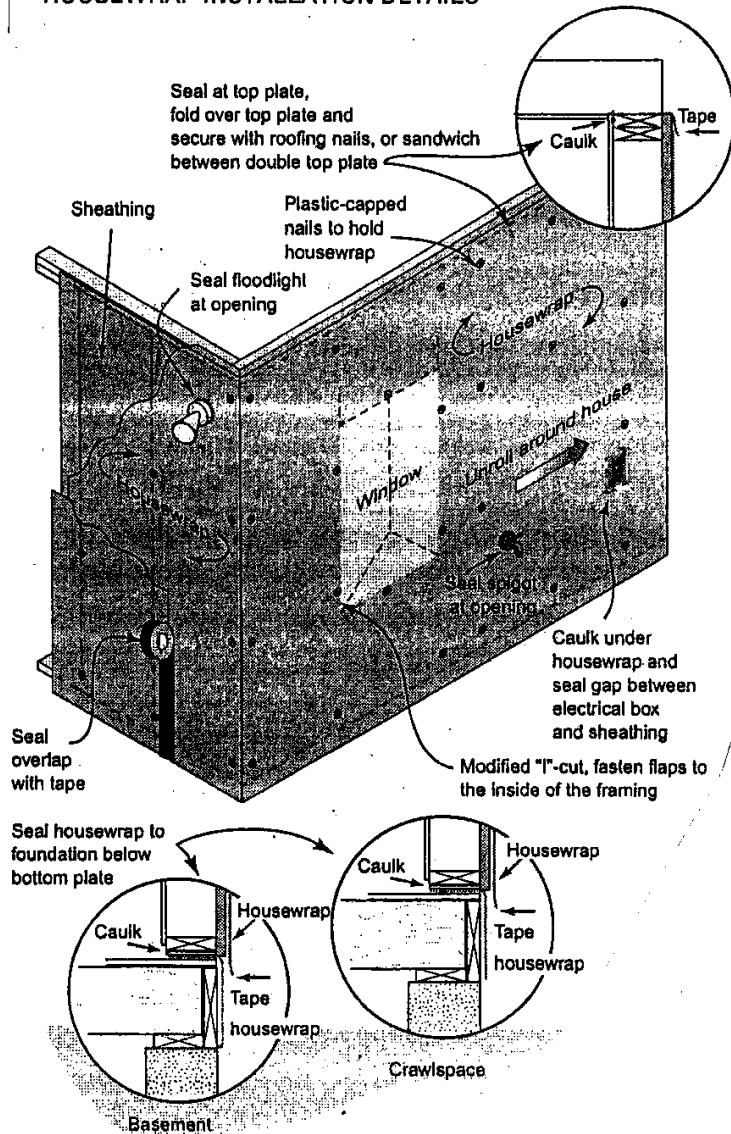
If you have questions or need to schedule an inspection, please call the Building Inspections Department at 612-861-9860.

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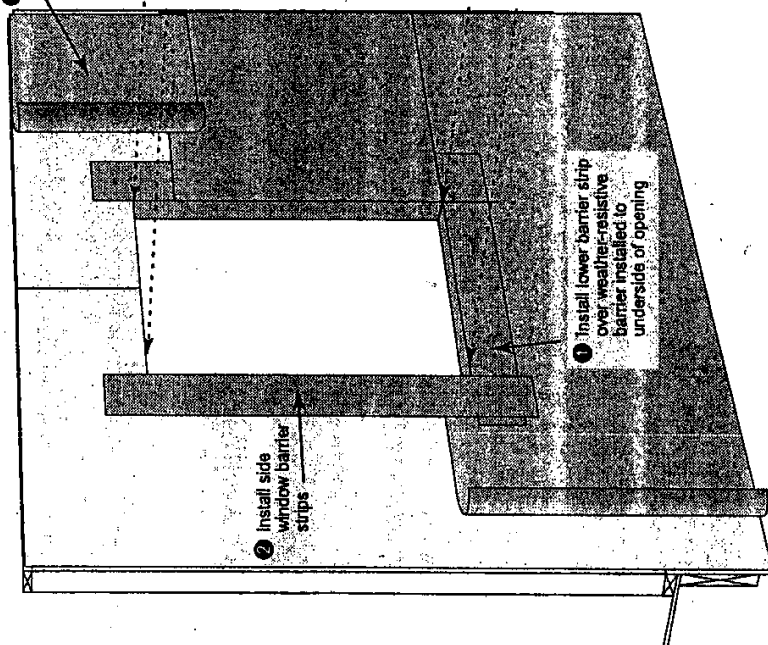
EXPLODED VIEW TO DEMONSTRATE SEQUENCE



HOUSEWRAP INSTALLATION DETAILS



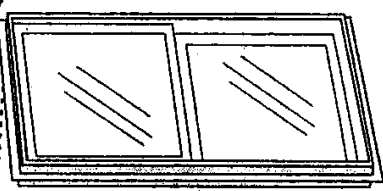
FLASHING WINDOW OPENINGS



1 Install side window barrier strips

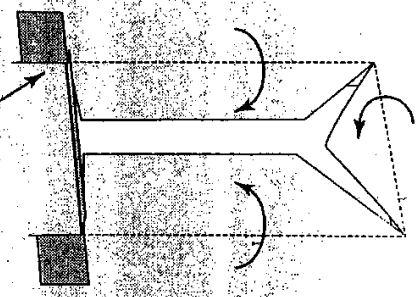
2 Install lower barrier strip over weather-resistant barrier installed to underside of opening

3 Overlap successive weather-resistant barriers in shingle fashion



4 Install head flashing and overlap with upper window barrier strip

Create slits to slide head flashing and barrier strip underneath housewrap, fasten with nails, then tape the slits in the wrap



The modified "I"-cut wrap creates three flaps that are wrapped around the window opening

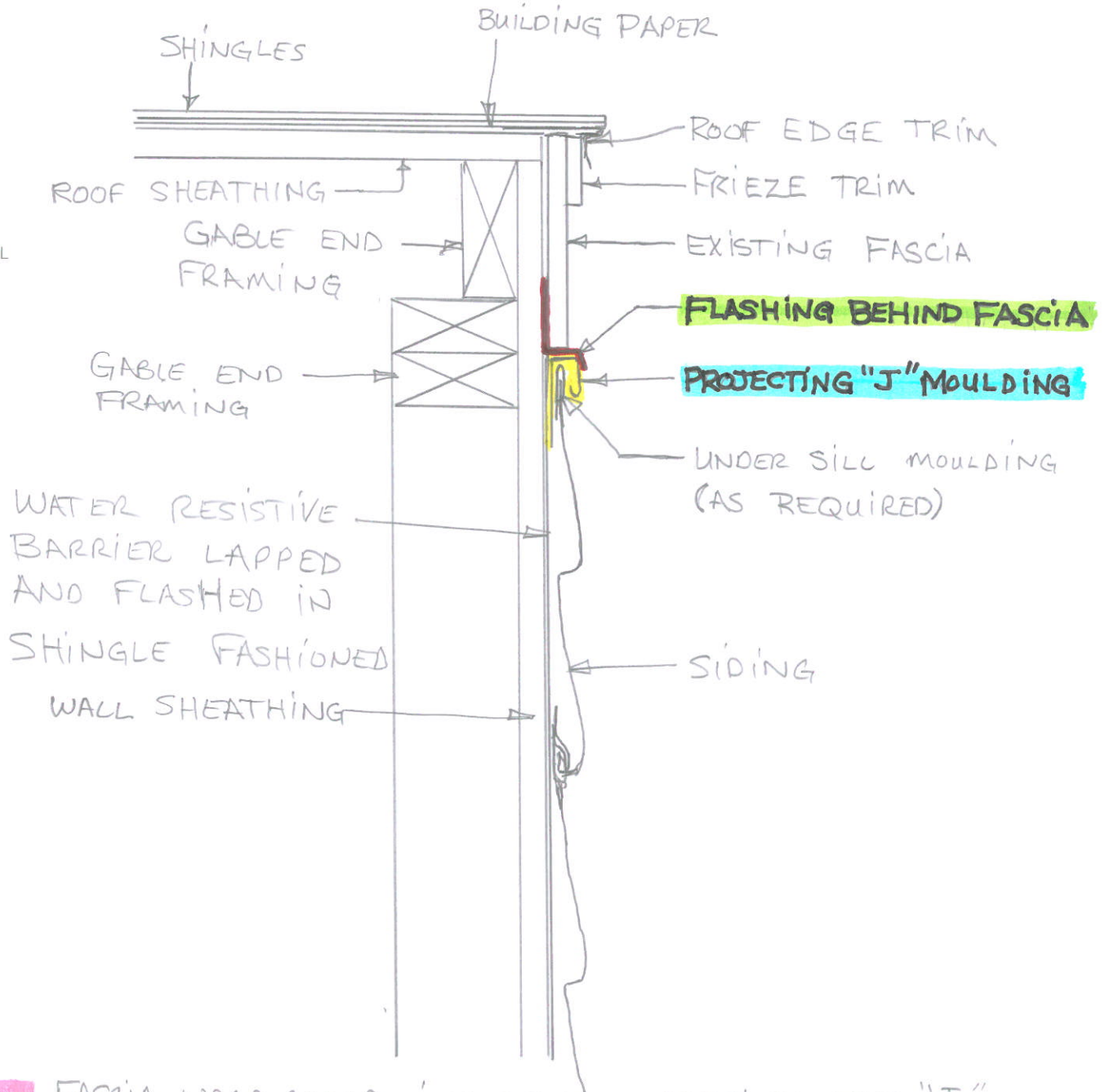
- Barrier strips are attached with nails and overlapped with successive barrier strips and weather-resistant barriers in shingle fashion. Do not depend on tapes or glues, as they may fail over time.
- Housewrap technique utilizes a modified "I"-cut in the material, which is then wrapped to the inside of the window frame and fastened. The head flashing and barrier strip are fastened and "shingled" under a flap that is cut in the wrap. These seams are then taped.

FLASHING AT GABLE END FASCIA

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CITY COUNCIL
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SUZANNE M. SANDAHL
FRED L. WROGE, JR.

CITY MANAGER
STEVEN L. DEVICH



OPTIONS: FASCIA WRAP COULD INCORPORATE LAPPING OVER "J" MOULDING IN SHINGLE FASHION. ANOTHER OPTION IS TO EXTEND WATER RESISTIVE BARRIER A MINIMUM OF 2" PAST AND BEHIND EXISTING FASCIA.

The Urban Hometown