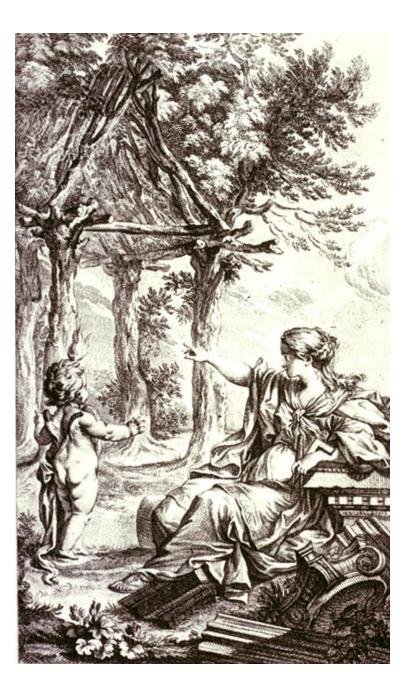


ROOFING!

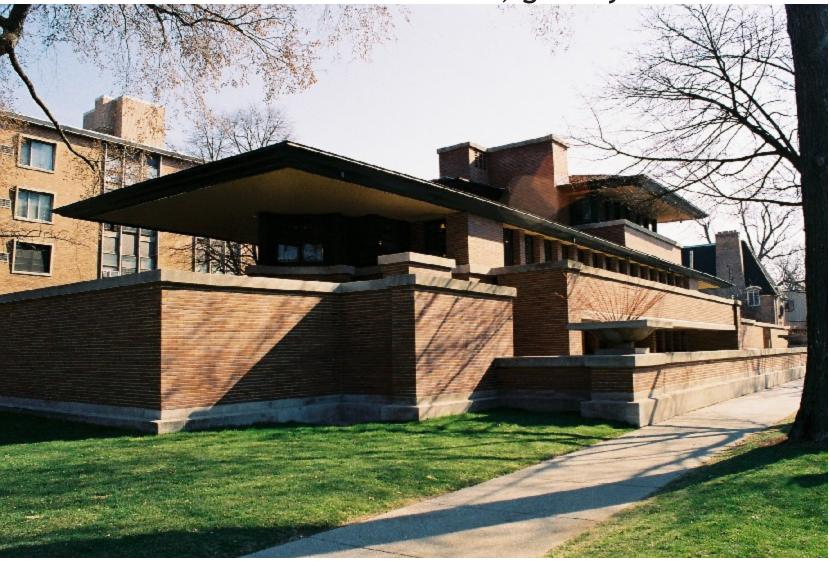
Laugier's Primitive Hut:

Human Habitation defined by a Roof...



Modern Expressiveness:

... and the Modern Sense of Shelter, give by the roof.



Thatched Roofs...



Tile Roofs...



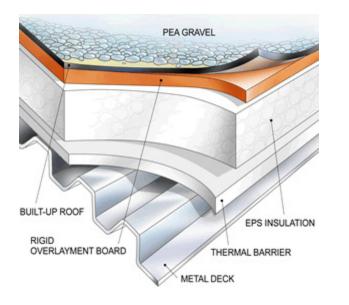
Shingle Roofs

Low Slope Roofs

Roof Decks



Membrane Roof Systems

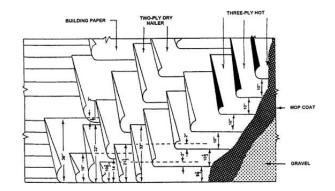


Structural Deck Vapor Retarder Thermal Barrier Thermal Insulation Overlayment Membrane Ballast

(Sloped?)

Membrane Types

Built-up Membranes (Bituminous)



Single-Ply Roofs PVC Modified Bitumens EPDM &c.

Hybrid Membranes: Modified Bit over Built-up Roofs

Fluid-Applied Membranes





Membrane Accessories

Ballast



Traffic Pavers and Decks & Paver Pedestals



Edge and Drainage Conditions

Gravel Stop & Parapets Roofing Penetrations and Drains; Scuppers Building SeparationJoints; Area Dividers

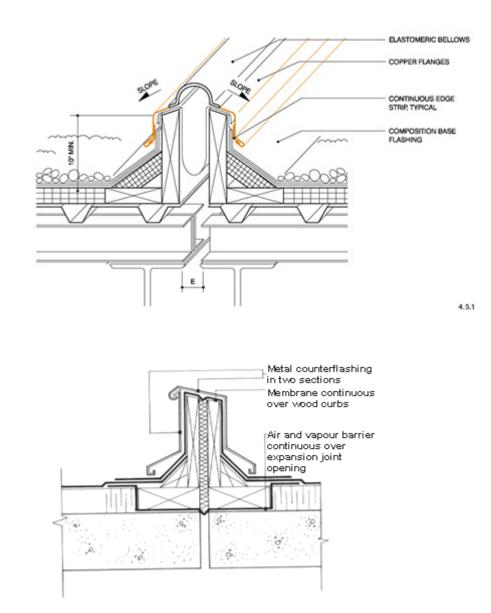








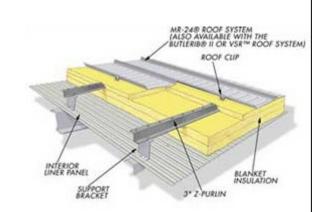
Membrane Roof Building Separation Joint Covers

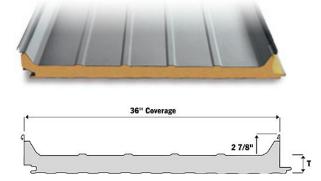


Metal Panel Systems for Low-Slope Roofs

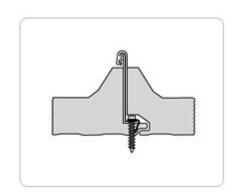




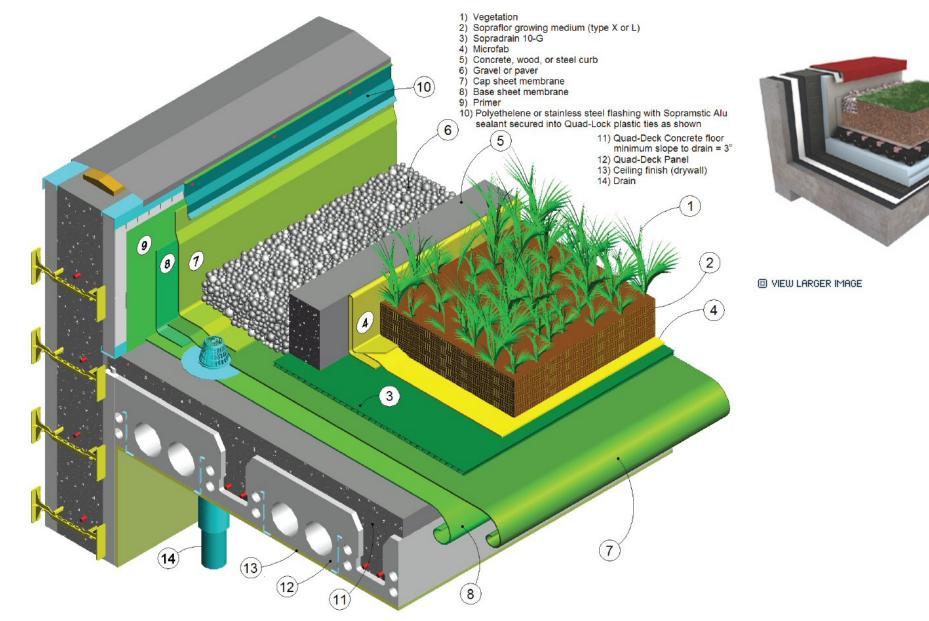








Green Roofs



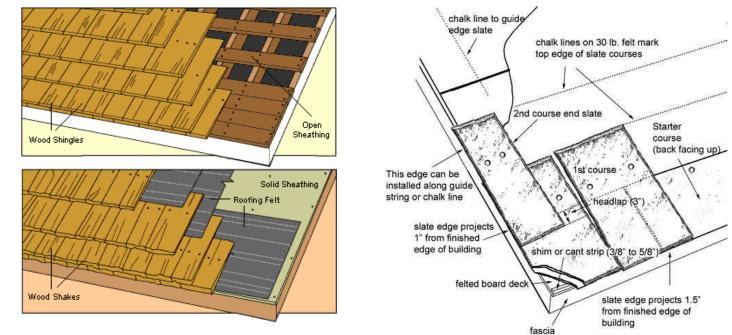
15

High-Pitch Roofs:

Thatch

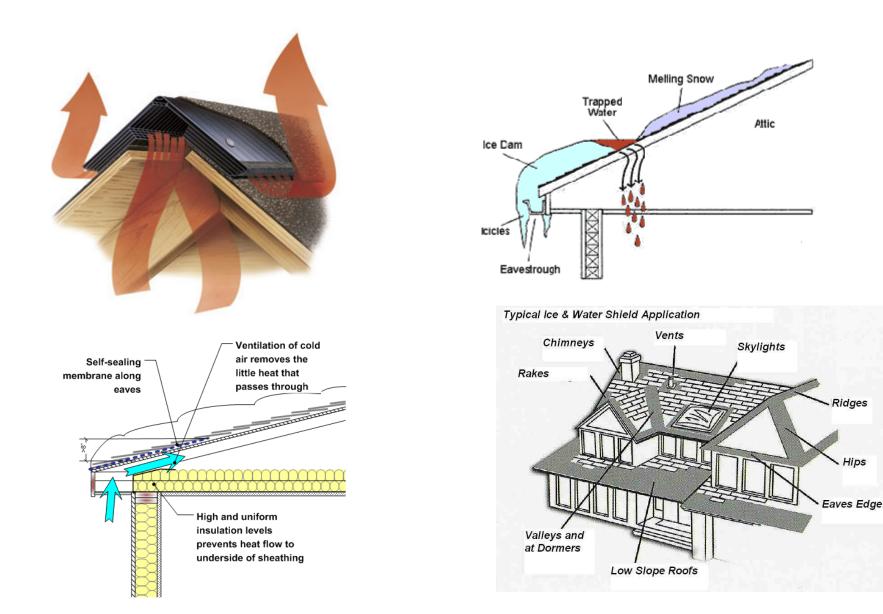


Shingles: Wood, Asphaltic, Metal, Slate, Tile.



Standing Seam Metal, Membrane, ... Whatever!

Roof Vent at Ridges; Water and Ice dams at eaves/valleys.



Roofing and Building Codes

Class A Roof Coverings (Severe Fire Resistance) Suitable for All Buildings Includes slate and mineral-based materials.

Class B Roof Coverings (Moderate Fire Resistance) Suitable for Construction Types IA, IB, IIB, IIIA, IV, VA Includes built-up roofs

Class C Roof Coverings (Light Fire Resistance) Suitable for Construction Types IIB, IIIB, VB Includes fire-retardant wood

Non-classified Roof Coverings