

6/12

Fiberglass Shingles

14'

2ft overhang

Block accrocrete siding

Fnt Elevation

8-3FE

6/12

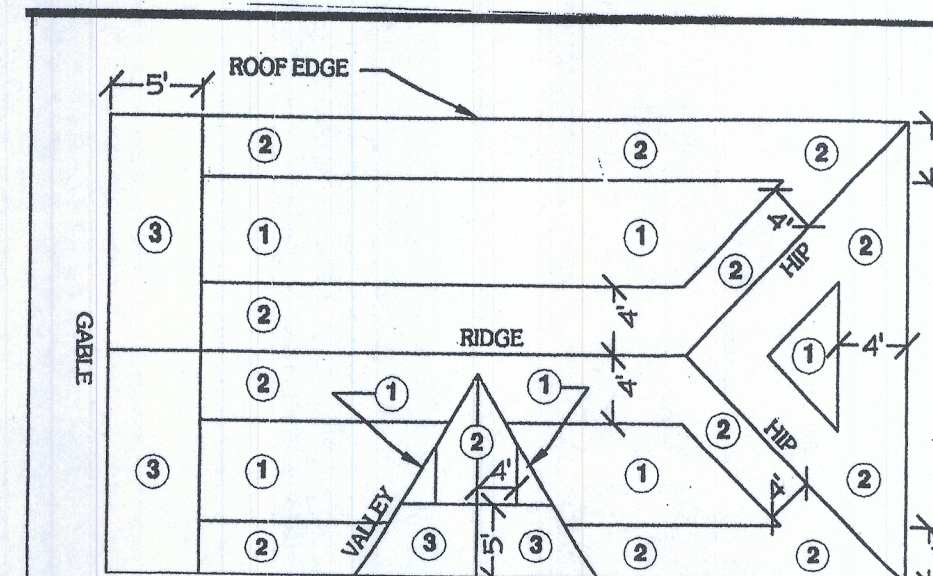
Fiberglass Shingles

2ft overhang

Block accrocrete siding

Left
Elevation

8-3LE



NOTES:
TRUSSES MUST BE CAPABLE OF TRANSFERRING LATERAL LOADS TO BEARING WALLS, TRUSSES, GIRDERS, AND BEAM TIE DOWNS TO BE SIZED PER TRUSS MANUFACTURER'S UPLIFT CALCULATIONS. ANY QUESTIONS AS TO THE SIZE, TYPE, OR VALUE OF A NAIL STRAP OR CLIP SHOULD BE VERIFIED BY THE STRUCTURAL ENGINEER.

Roof Nailing Pattern:

ZONE 1: 8d RING SHANK NAILS AT 6" O.C.
ZONE 2: 8d RING SHANK NAILS AT 6" O.C.
ZONE 3: 8d RING SHANK NAILS AT 6" O.C.
GYPSUM CEILING: 5d NAILS AT 7" O.C.

Underlayment: R905.2.3

Required underlayment shall conform with ASTM D 226, type 1 or 2 or ASTM D 4869 type 1 or 2. Self-adhering polymer modified bitumen sheet shall comply with ASTM D1970.

Asphalt Shingles: R905.2.4

Asphalt Shingles shall have self seal strips or be interlocking, and comply with ASTM D 225 OR D 3462.

Fasteners: R905.2.5

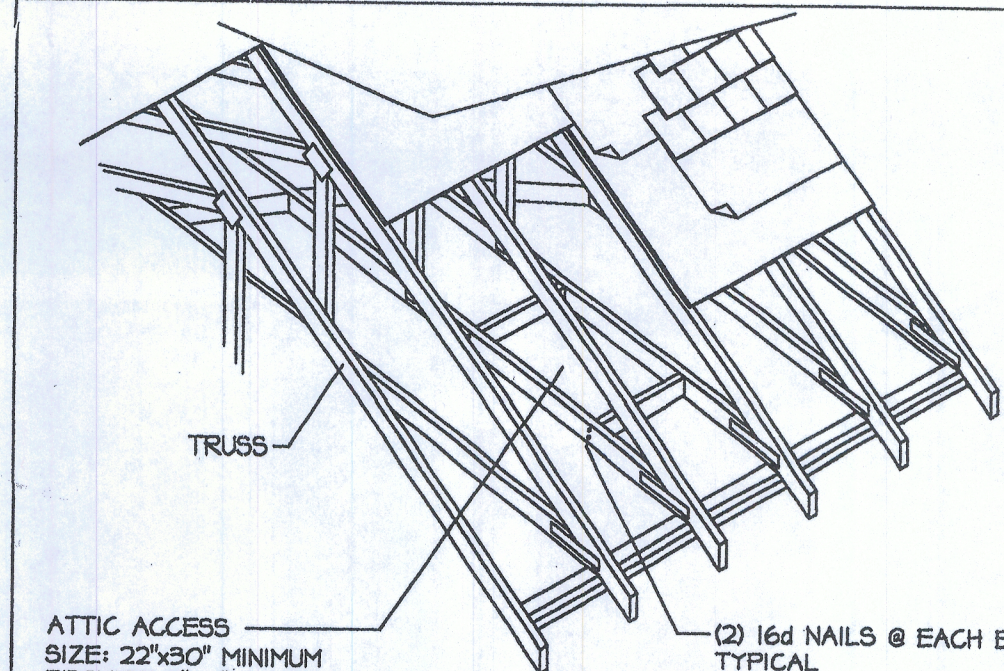
Fasteners for asphalt shingles shall be galvanized steel, stainless steel, aluminum or copper roofing nails, minimum 12 gauge shank with a minimum 3/8" diameter head. ASTM F 1667, of a length to penetrate through the roofing material a minimum of 3/4" into the roof sheathing. Where the roof sheathing is less than 3/4" thick, the fastener shall penetrate through the sheathing. Fasteners shall comply with ASTM F 1667.

Attachment: R905.2.6

Asphalt shingles shall have a minimum of 6 fasteners as required by the manufacturer.

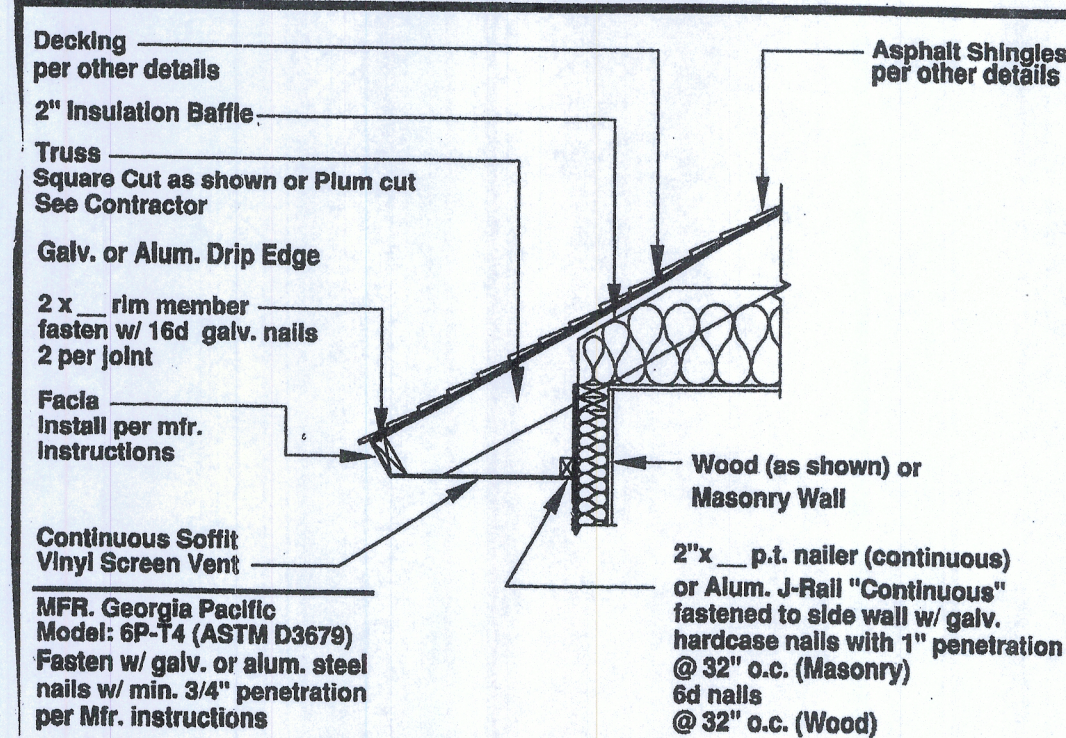
Roof Material Connection

-NYS-



ATTIC ACCESS
SIZE: 22"x30" MINIMUM
PROVIDE 2"x4" BLOCKING
@ EACH END OF OPENING AS SHOWN
ACCESS PANEL SHALL BE OF MINIMUM
3/8" PLYWOOD OR EQUAL w/ AIR TIGHT
SEAL. SUBJECT TO LOCAL JURISDICTION
APPROVAL.

FBC 2004 RESIDENTIAL R807.1 ATTIC ACCESS
IN BUILDINGS WITH ROOF CONSTRUCTION AN ATTIC
OPENING SPACE SHALL BE PROVIDED TO ATTIC AREAS
THAT EXCEED 30 SQ. FT. AND HAVE A VERTICAL HEIGHT
OF 30 INCHES OR GREATER. THE ROUGH FRAMED OPENING
SHALL NOT BE LESS THAN 22 INCHES BY 30 INCHES AND
SHALL BE LOCATED IN A HALLWAY OR OTHER READILY
ACCESSIBLE LOCATION. A 30 INCH UNOBSTRUCTED HEADROOM
IN THE ATTIC SPACE SHALL BE PROVIDED AT SOME POINT
ABOVE THE ACCESS OPENING.

ATTIC ACCESS**Soffit Detail****ROOF NOTES***** UNDERLAYMENT APPLICATION: SECTION: R905.2.7 FRC 2004**

FOR ROOF SLOPES FROM 2:12 UP TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- STARTING AT THE EAVE, A 36 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- FOR ROOF PITCHES 4:12 OR GREATER SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET 6 FEET.

*** FLASHING: SECTION R905.2.8 FRC 2004**

BASE AND COUNTER FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT METAL, OF MINIMUM NOMINAL 0.019 INCH THICKNESS OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 7.1 LB PER 100 SQ. FT. GAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL 0.019 INCH THICKNESS.

*** VALLEYS: SECTION R905.2.8.2 FRC 2004**

VALLEY LINING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:

- FOR OPEN VALLEYS (VALLEY LINING EXPOSED) LINED WITH METAL. THE VALLEY SHALL BE AT LEAST 24 INCHES WIDE AND OF ANY OF THE OF THE CORROSION-RESISTANT METALS LISTED BELOW.
COPPER (10 OZ. PER SQ. FT.)
ALUMINUM (0.024 MIN. THICKNESS)
STAINLESS STEEL (26 GA.)
GALVANIZED (0.0179 MIN. THICKNESS) (26 GA. ZINC COATED (90)
ZINC ALLOY LEAD PAINT TERNE (0.027 MIN. THICKNESS) (LEAD 40 OZ.)

*** DRIP EDGE: SECTION: R905.2.8.6 FRC 2004**

DRIP EDGE SHALL BE PROVIDED AT EAVES AND GABLE ENDS OF SHINGLE ROOFS, AND OVERLAPPED A MINIMUM OF 2 INCHES. EAVE DRIP EDGES SHALL EXTEND A 1/4 INCH BELOW SHEATHING AND EXTEND BACK ON ROOF A MINIMUM OF 2 INCHES. DRIP EDGE SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12 INCHES O.C.

*** CRICKETS: SECTION: R905.2.8.3 FRC 2004**

THE CRICKET SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY GREATER THAN 30 INCHES WIDE. CRICKET COVERING SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING.

*** CLAY AND CONCRETE TILES: SECTION: R-905.3.1 - 905.3.8**

EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK. THE TILE MANUFACTURER'S WRITTEN APPLICATION INSTRUCTIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- THE TILE'S PLACEMENT AND SPACING.
- ATTACHMENT SYSTEM NECESSARY TO COMPLY W/ CHAPTER 9 OF THE FBC 2004.
- AMOUNT AND PLACEMENT OF MORTAR.
- AMOUNT AND PLACEMENT OF ADHESIVE.
- TYPE, NUMBER, & SIZE, AND LENGTH OF FASTENERS AND CLIPS.
- UNDERLAYMENT.
- SLOPE REQUIREMENTS.

*** ATTIC ACCESS: R807 FRC 2004**

ATTIC SPACES SHALL BE PROVIDED WITH AN INTERIOR ACCESS OF 22 x 30 INCHES. ACCESS IS NOT REQUIRED WHEN THE CLEAR HEIGHT OF THE ATTIC SPACE, MEASURED AT THE ROOF PEAK, IS LESS THAN 30 INCHES OR AREAS THAT DO NOT EXCEED 30 SF.

*** ROOF VENTILATION: R806 FRC 2004**

THE RATIO OF TOTAL NET FREE VENTILATING AREA TO THE AREA OF THE CEILING SHALL BE NOT LESS THAN 1/150. THAT RATIO MAY BE REDUCED TO 1/300 PROVIDED:
A. A VAPOR RETARDER HAVING A PERFORMANCE NOT EXCEEDING 1 PERM IS INSTALLED ON THE WARM SIDE OF THE CEILING.
B. AT LEAST 50% BUT NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE (AT LEAST 3' ABOVE EAVE OR CORNICE VENTS.) WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.

*** SEE FOUNDATION SHEET (BUILDING SECTION) FOR ADDITIONAL INFORMATION**

* TRUSS MFR. SHALL FURNISH DESIGN CALC'S, DRAWINGS, AND ERECTION PLAN. SIGNED & SEALED BY A REGISTERED FLORIDA ENGINEER.

* TRUSSES SHALL BE BRACED PER F.R.C. 2004 SECTION 205.11.2 & TPI & HIB-91 SECTION 13.2 & 13.2.3.3

* SISSOR TRUSSES SHALL BE BRACED CONTINUOUS @ 10' O.C., STD. TRUSSES CONTINUOUS @ 15' O.C.

*** MISSING UPLIFT STRAP:****MASONRY:**

APPLY SIMPSON HTSM16 UPLIFT STRAP TO BOND BEAM W/ (8) 10d nails TO TRUSS & (4) 1/4"x2 1/4" TITENS TO CMU. UPLIFT 1175

WOOD:

APPLY SIMPSON H2.5A UPLIFT STRAP TO TOP PLATE W/ (5) 8d NAILS & TO TRUSS W/ (5) 8d NAILS UPLIFT 600

*** Backing Requirements:**

2x _ backer at joints, fasten w/ (2) 16d nails per joint. (into each truss member)

Wood (as shown) or Masonry Wall

*** Material:**

1/2" plywood, 7/16" oab, or 1/2" Gypsum w 2 ply vapor barrier, Finish: Vinyl, aluminum, or Cementitious finish-see wire lathe notes
** plywood shall be pressure treated

*** Fasteners:**

Fasten w/ 8d" x 1 1/2 inch penetration into framing member @ 6" o.c. edge & 12" o.c. field. (galv. or steel fasteners only)

* DESIGN PRESSURE .96 psf 90 to 130 MPH (3 second gust)

*** WIRE LATHE:**

Per FBC2004-Residential, Section R703.6.1 Installation of exterior lathing and treading shall comply with the application requirements of ASTM C 1089

Per FBC-2004 Section 2514

Fasten w/ #3ga. galv. or blued nails having 3/84 inch. diameter flat head. Length shall be 1 1/8" for 3/8" lath and 1 1/4" for 1/2" lath. If horizontal hi rib lath, 1 3/4" fastener embedment is required.

Porch Ceiling Finish Detail