NAILING DETAIL (ELEVATION)

RIM JOIST AS PER PLANS

2X6 BLOCKING TYP.
AT SEAM AT ALL BLDG. CORNERS

2X6 WD STUDS AT 16" O.C. TYP.

5/8" CDX EXTERIOR GRADE PLYWOOD SHEATHING TYP.

DBL. 2X6 TOP PLATE TYP.

USE 8d COMMON NAILS @ 6" O.C. AT FIELD AND 4" @ EDGES - REFER TO PLANS FOR DESIGNATED AREAS

3/8" PLYWOOD SPACER

WOOD HEADER/WOOD BEAM (TYP TO BOTH SIDES)

(2) 2"x6" JACK STUDS
REFER TO FLOOR PLAN

DOUBLE TOP PLATE

2"x6" KING STUD

HEADER DETAIL

NOT TO SCALE

TYPICAL WALL STRAPPING DETAILS

NOT TO SCALE

SHEARWALL HOLD-DOWN DETAILS

DOUBLE PLATE

LOWER SHEARWALL BOLTS

CORNER BRACKET ANCHOR

SHEARWALL TO SHEARWALL

UPPER SHEARWALL CORNER BRACKET BOLTS

THREADED ROD ANCHOR

TYPICAL RIDGE TO RAFTER STRAPPING

DOUBLE JOIST FOR UNDER A BATHTUB

JOIST FRAMING OVER WOOD GIRDER

DOUBLE JOIST

BATHTUB

BOTTOM PLATE

WALL STUD

WOOD GIRDER

BLOCKING

WOOD JOIST

RIDGE

RAFTER

TYPICAL HEADER CONNECTION

DOUBLE JOIST FOR NON-BEARING WALLS

DOUBLE JOIST

BOTTOM PLATE

WALL STUD

SUB FLOOR

JOIST HANGER

WOOD JOIST

GIRDER/HEADER

JOIST FRAMING FLUSH WITH GIRDER/HEADER

CRIPPLE STUD

JACK STUDS

HEADER

KING STUD

TYPICAL RIDGE BEAM TO RAFTER STRAPPING

NOTCHED RAFTER

RIDGE

PROVIDE ICE PROTECTION AS PER R905.2.7.1 WHICH CONSISTS OF AT LEAST 2 LAYERS OF UNDERLAYMENT CEMENTED TOGETHER OR A SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET TO EXTEND A FROM EAVE'S EDGE TO A MIN. OF 24" INSIDE THE EXTERIOR WALL LINE OF THE STRUCTURE

CONSTRUCTION DETAILS & WIND LOAD PATH CONNECTION DETAILS

Adapted from Standard for Hurricane Resistant Residential Construction; SSTD 10-99 and 2001 SBC High Wind Edition Wood Frame Construction

1. A continuous load path between footings, foundations walls, floors, studs and roof framing shall be provided.

2. Approved connectors, anchors and other fastening devices not included in the Standard Building Code, Table 2306.1 shall be installed in accordance with manufacturer's recommendations.

3. Metal plates, connectors, screws, bolts, and nails exposed directly to the weather or subject to salt corrosion in coastal areas, shall be stainless steel or hot dipped galvanized.

4. Where windows and doors interrupt wood structural panel sheathing and siding, framing anchors or connectors shall be provided at the top and bottom of cripple studs, header studs, and at least one stud at each side of opening.

5. Ridge straps shall be attached to each pair of opposing rafters except where collar ties of 1x6 or 2x4 lumber is located in upper third of attic space and attach to each pair of rafters.

6. Uplift connectors shall be provided at each rafter bearing.

7. Floor to floor hold-downs to be provided every 48, and every 16" within 4' of exterior corners.

8. Sill Plate to Foundation Anchorage: Sill plate shall be anchored to the foundation with anchor bolts having a min. bolt diameter of 5/8" and 3" x 3" x 1/8" washers. A minimum of one anchor bolt shall be provided within 6 to 12 inches of each end of each plate. Anchor bolts shall have a minimum embedment of 7 inches in concrete/masonry foundations. Anchor bolts shall be located within 12 inches of corners and at spacing not exceeding 4 feet on center.

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