



Appendix B

Exterior Door Handout

Fasteners Used

- 3” decking screws.

Words to Know

- **Flashing (stepped flashing)** – Any piece of material, usually metal or plastic, installed to prevent water from penetrating the structure.
- **Plumb** - Object in question (wall, deck support post, door, etc.) is parallel to the gravity vertical (i.e. it is not leaning to the left or right, front or back).
- **Rough opening** - The actual opening size that must be framed for a door or window finished dimension.
- **Shim** - Small piece of tapered wood, usually cedar for rot resistance. Used for installing doors, windows, and cabinets.
- **Square** - The achievement of a 90° angle (in the case of floor and wall framing, at all four corners); or a tool shaped with a 90° angle used to align something else so that it is square. Specific kinds of squares include framing squares, speed squares, T-squares and combination squares.

Additional Notes:

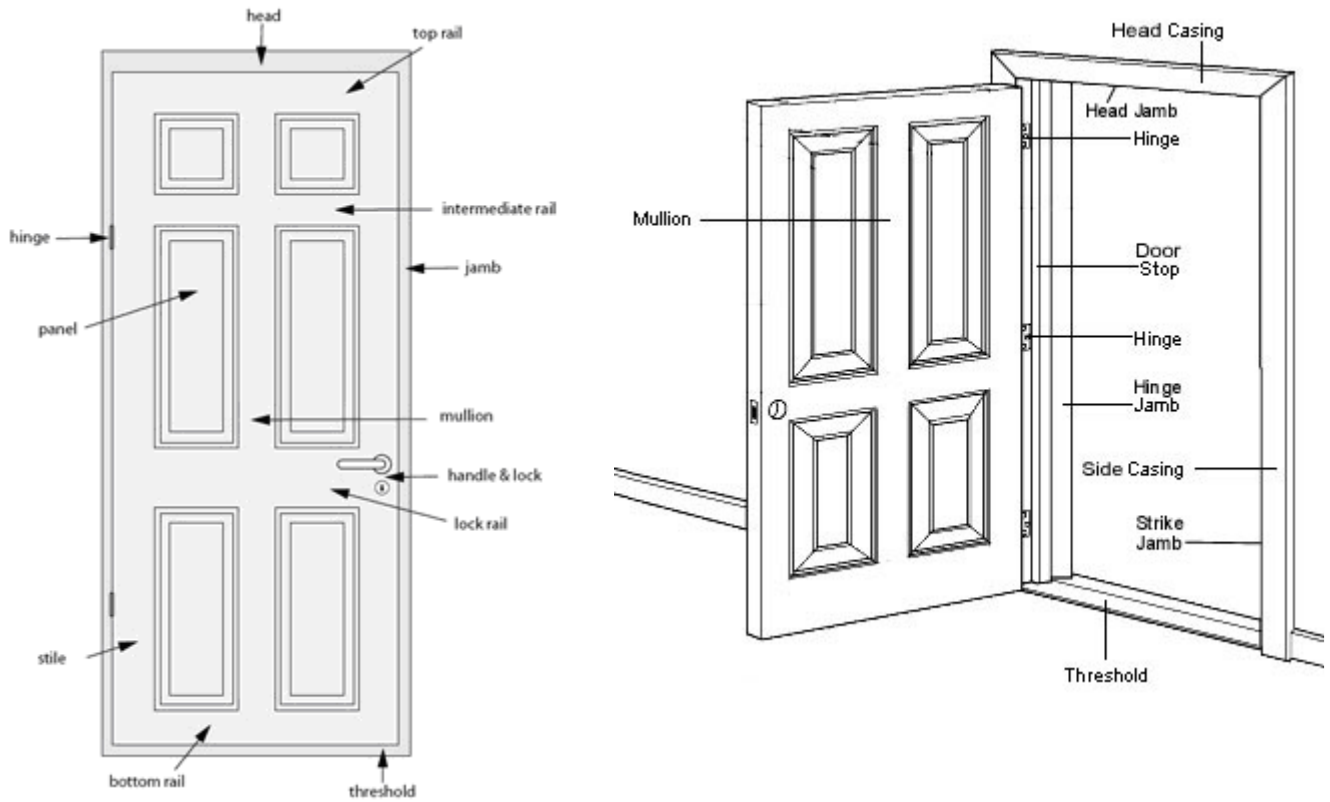
- Check to see if the floor is level in the door opening, if not the threshold will need to be shimmed.
- Caulk the floor liberally where the threshold will sit.
- Check the floor plan to be sure the door has the correct swing.
- Place the door into the opening, centering it between the trimmer studs, being sure that the brick mold is tight to the house.
- Plumb the hinge side and place shims behind each hinge. Two long screws should be put in place of the regular screws in the top hinge and be screwed into the trimmer stud.

- Using long screws carefully pull the rubber weather stripping away from the jamb and place screws through the jamb, through the shims and into the trimmer stud. When the rubber weather stripping is released, it should conceal the screw head.
- Close the door and check the clearances on the top and opposite side jamb. Shim and make adjustments so that all of the clearances are the same and the door operates properly. Add screws as in step #6 so that all clearances are equal.
- Remove the door, place the hinge pins in the jamb hinges, with a sharpie pen mark the house # number on the top edge of the door and return the door to the warehouse. Cover the thresholds with a piece of siding or OSB to protect them.
- A treated board is to be fitted and installed between the bottom of the thresholds and the decks. This board is to be as wide as the distance from the left outside edge to the right outside edge of the brick mold.
- Security doors should be attached as soon as the door is hung and removed. See Habitat construction staff for how to install the security doors if there are questions. The front security door is not hinged; the rear security door is hinged and locked with a padlock.
- The back door will have pre-bent flashing nailed into the wall above the brick mold with roofing nails. The house wrap flap is then folded down over the flashing and taped.
- Just before drywalling begins and the security system is in, the doors may be brought back to the house and re-installed. When the back door is hung, install a temporary dead bolt and latch along with the striker plates. After hanging the front door, install a dead bolt only with its striker plate.

Safety:

- Observe all rules and precautions specified under general, power tools and ladders.
- Always wear a hard hat when work is being done overhead during the framing stage. Watch for materials falling from above.

ANATOMY OF A DOOR



How to Flash / Wrap an Exterior Door Opening

