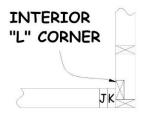
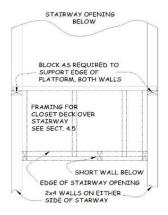
## **Chapter 3 – Marking Studs-Interior Wall Plates**

## Lay Out Studs

- 1. Lay out the studs on 24" centers on both top and bottom plates
  - a. If the wall intersects an exterior wall, start from the exterior wall end.
  - b. If the wall intersects another interior wall, start layout to match likely sheetrock installation.
- 2. Where a bathroom or bedroom door connects with an adjoining wall, locate a 2x4 L-corner in the adjoining wall to allow nailing through the L-corner into the King stud of the door.



- 3. For walls adjoining the stair opening, one wall typically includes a sliding closet door next to the exterior wall and includes a platform of the bottom of the stairs.
  - a. If so, layout the wall opposite the closet as usual, starting at the exterior wall.
  - b. On the closet side, layout the closet KJ studs and then continue laying out studs on same centers as opposite wall.



- 4. Locate the plates labeled "13¼" WALL/10¼" STUDS" and layout three studs 24" o.c.
- 5. For walls adjoining tub/shower, layout studs as usual on 24" centers, starting at intersecting wall
  - a. At the opposite end of the short, 36" wall, layout an L-Corner with base of L on surface facing tub (provides vertical blocking for tub flange.
  - b. On opposite wall, center another L-Block opposite that on the short wall (~31½" from back wall).
- 6. Make certain that door rough openings are at least 3" from the end of the wall to permit later installation of door trim
- 7. On top edges of plates, mark the location of any intersecting walls with lines and a large "W" between the lines to aid in locating intersecting walls during wall building
- 8. When complete, label top and bottom plates and tack together with duplex nails. Mark compass orientation and label both plates and deck with identifying number or letter.

## **Quality Points**

## **Chapter 3 – Marking Studs-Interior Wall Plates**

- Stud layouts start at an exterior wall or at a junction matching expected sheetrock layout
- All studs are laid out on 24" centers, including
  - Both sides of stairway
  - o The 13½" wall supporting the stairway platform
- Layout of both walls next to the tub/shower include L-Corners 31½" from back wall
- Walls adjacent bath and bedroom doors include L-Corner next to KJ studs
- Intersecting walls are marked with lines and "W" to aid wall building