

Porch and Porch Railing Instruction

Side Porch Installations.

Side porch should be centered with the door lengthwise.

Place suitable flashing between house and porch so that flashing is held at least 4" above porch level. Install 2 x 6 Pressure treated ledger board #1 against the house with ½" x 3" galvanized lags with washers spaced 28" on center, this board can be tacked up in place with galvanized nails till lags are installed. Hold this board level at 1 1/2 " below door threshold. Follow framing diagram making sure to use all pressure treated material and galvanized fasteners. Nail board #2 to board #1 and fill in boards #3 (floor joist) hanging off of joist hangers. Once you have formed the enter box, square the box and level to corner 4 x 4 post previously dig into place but not buried till they have been plumbed and leveled. If porch is to be higher than 28" off finished grade these 4 x 4 post will need to be extended 36" above deck to allow for railing. Board # 4 will be a 2 x 8 pressure treated skirt board to cover and finish the 2 x 6 boards. This skirt board should be mitered on the ends to give a good finish appearance. After the main framing is complete rip down a 5/4 deck board and meter the outside corners to cover the outside of the main frame as indicated by the dotted line. Deck boards can now be cut to span over floor joist. Screw deck boards down with 2 ½" deck screws two to each joist.

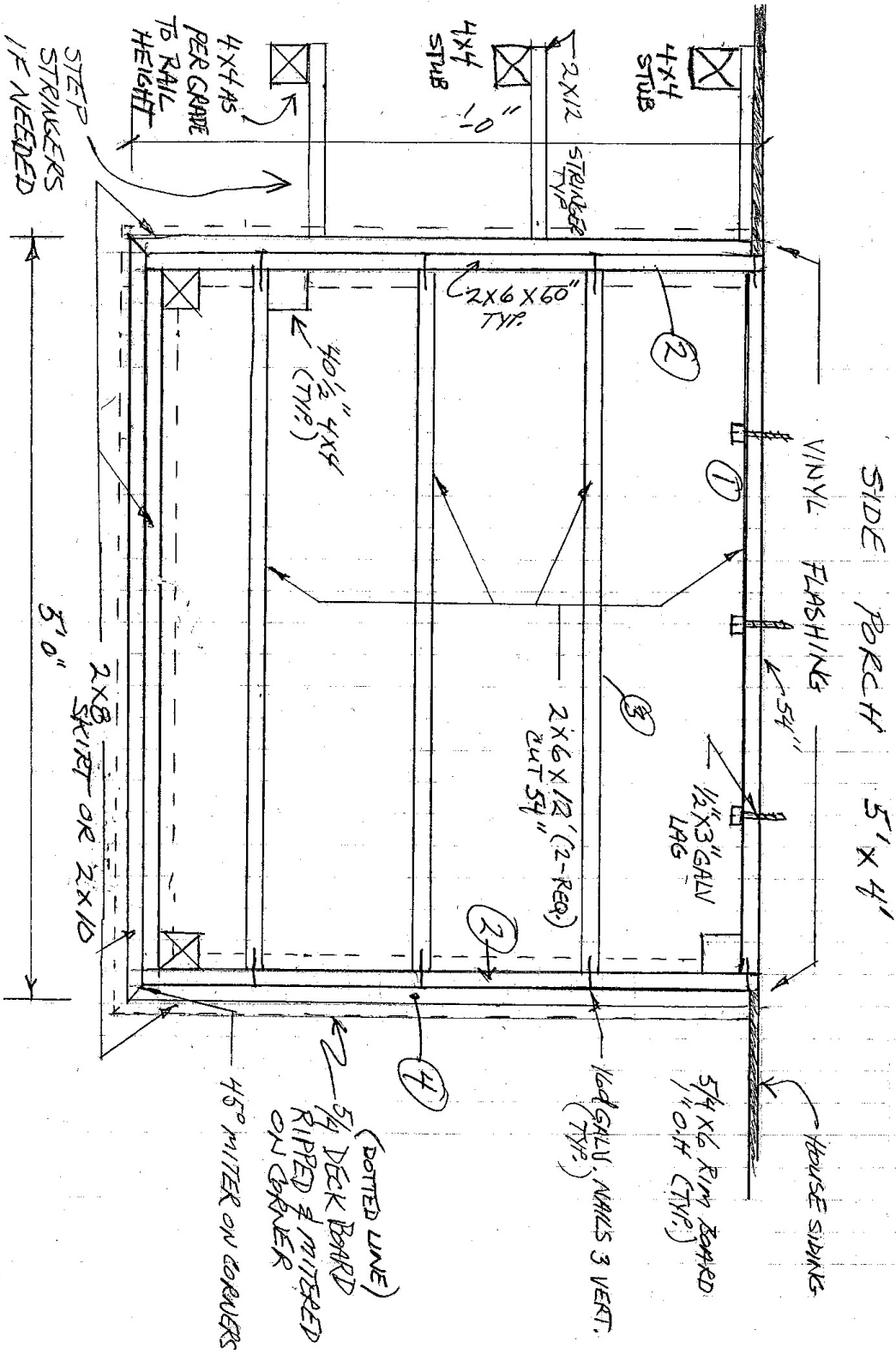
Main Porch

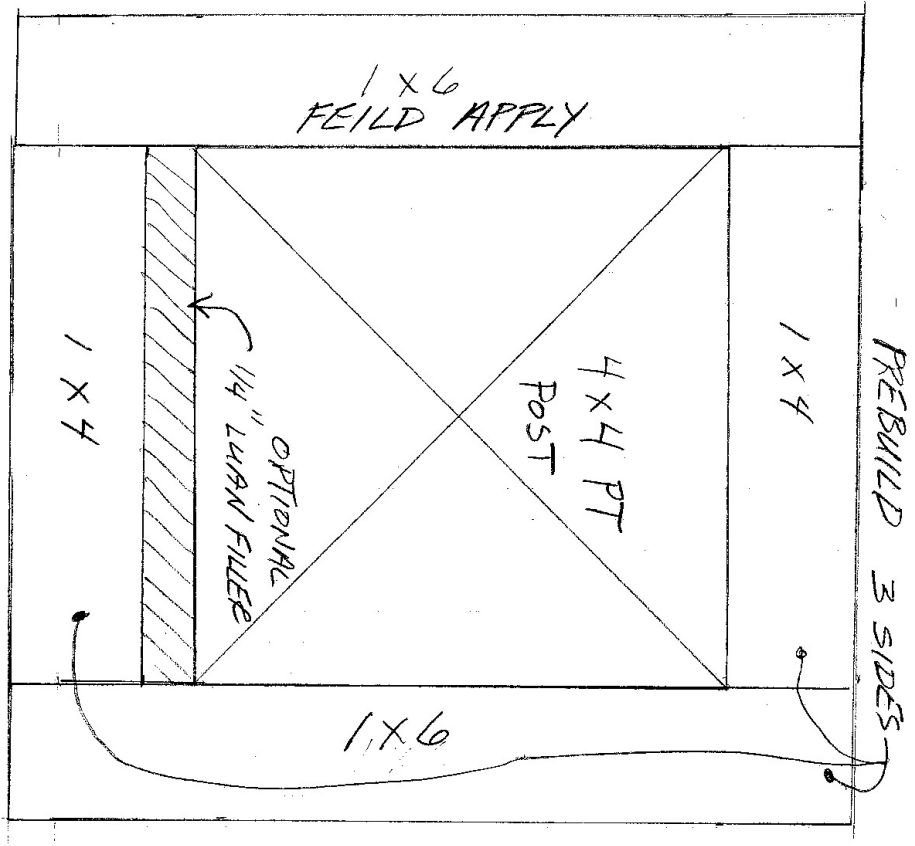
Main porch is installed as above with the exception of the supporting piers which are split face block with the post setting on top of pressure treated sill board anchored to block. The deck joist will run perpendicular to the house.

Porch Rail

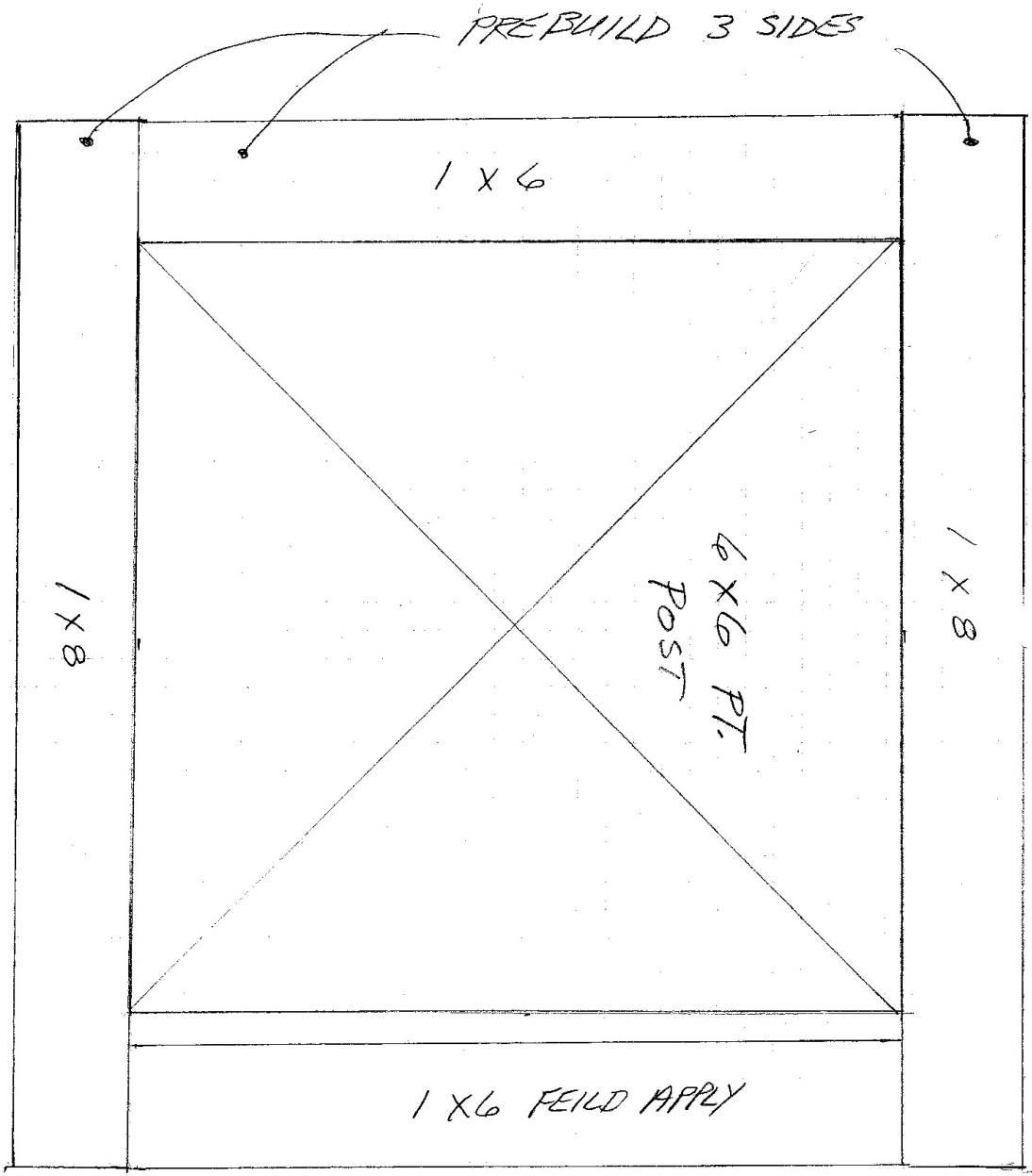
Measure between post at 4" off deck and again at 36" off deck take the longest of these measurements and make railing to that length. Porch railing will be assembled in a railing jig. Care should be taken to make the spacing of the top and bottom rail on each end the same and enough rail past the first and last upright to allow for adjustment.

Attach rail to post with the top of rail at 34 ½" off deck before top hand rail is attached. Predrill and counter sink two holes at an angle in both top and bottom rail on both sides and drive 3" galvanized or deck screws into these holes and into post.





38" TALL
OR AS REQUIRED



PREBUILD 3 SIDES

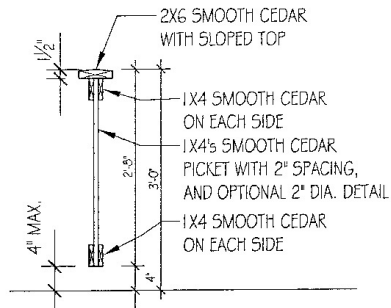
1 x 6

1 x 8

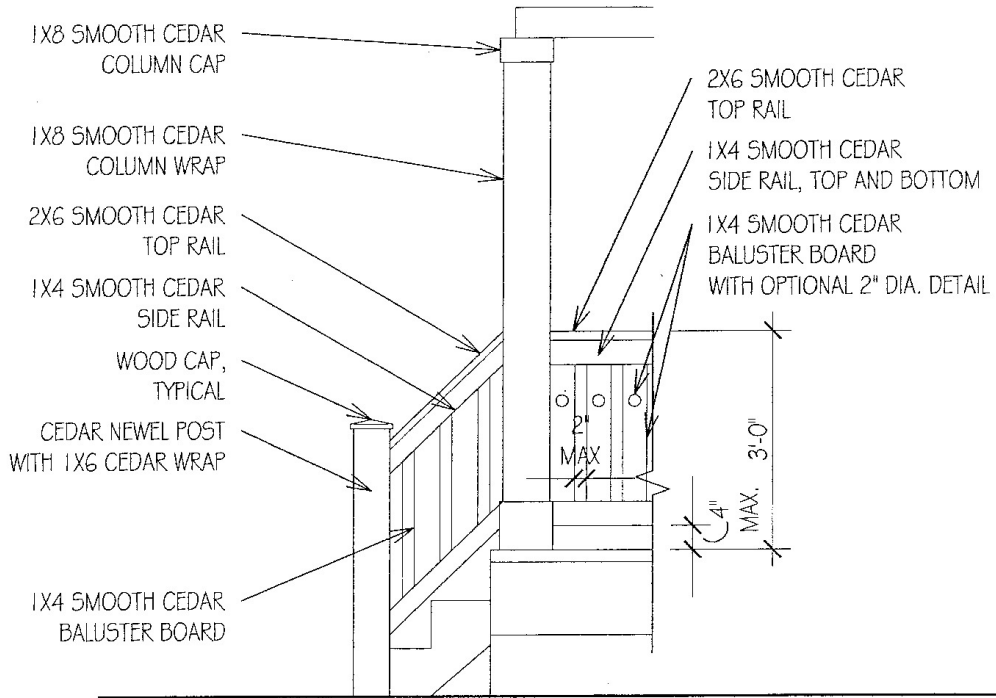
1 x 8

6 x 6 FT.
POST

1 x 6 FIELD APPLY



PROPOSED
B RAIL DETAIL
 SCALE: 1/2" = 1'-0"



PROPOSED
A PORCH DETAIL
 SCALE: 1/2" = 1'-0"

1

DETAILS -1

HABITAT FOR HUMANITY - CEDAR CHASE SUBDIVISION

KIRKWOOD DESIGN STUDIO P.C. ARCHITECTS