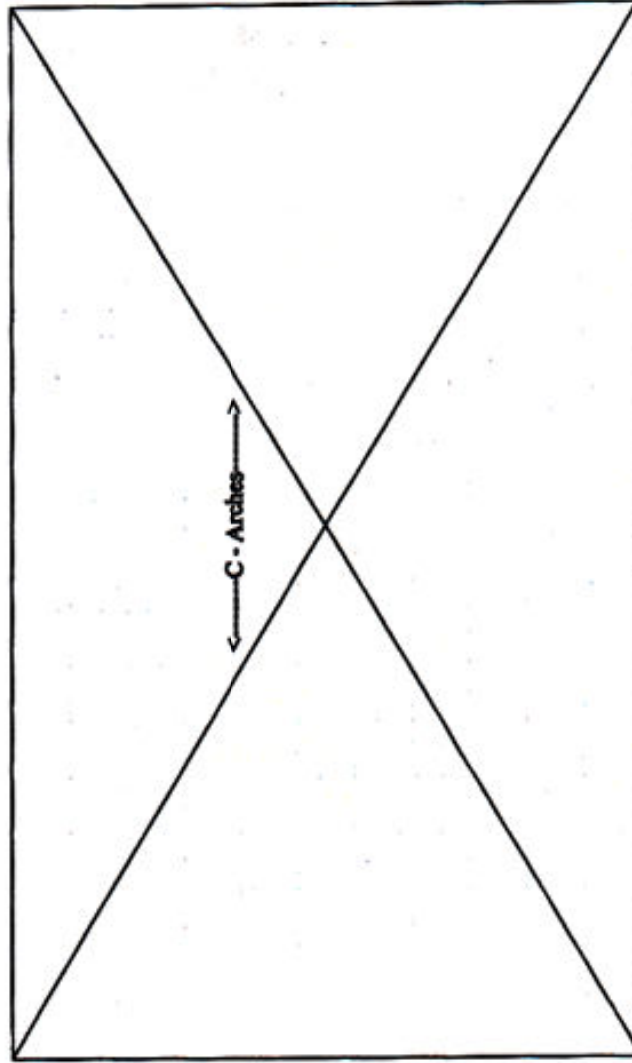


Our groin ceiling system comes in 3 major parts.

1. A-Wall Arch - This is the smaller of the two wall sizes.
2. B-Wall Arch - This is the larger of the two wall sizes
3. C-Arches - These I-Beam arches span the room from corner to corner

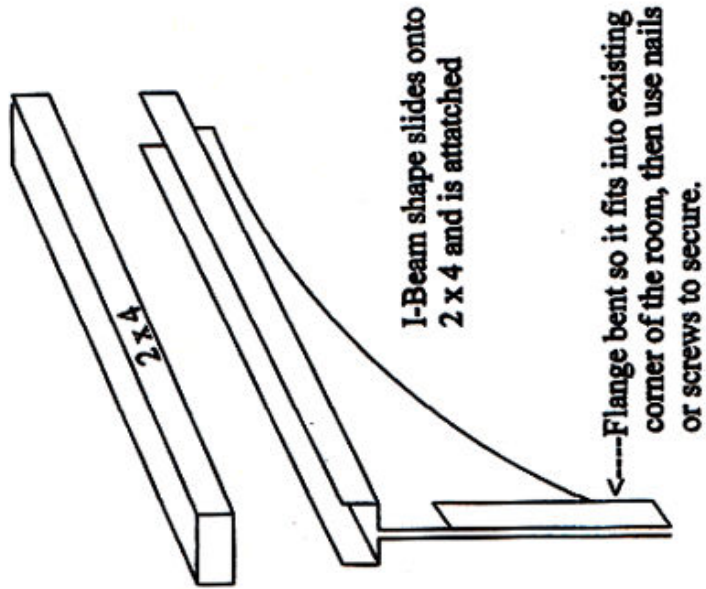
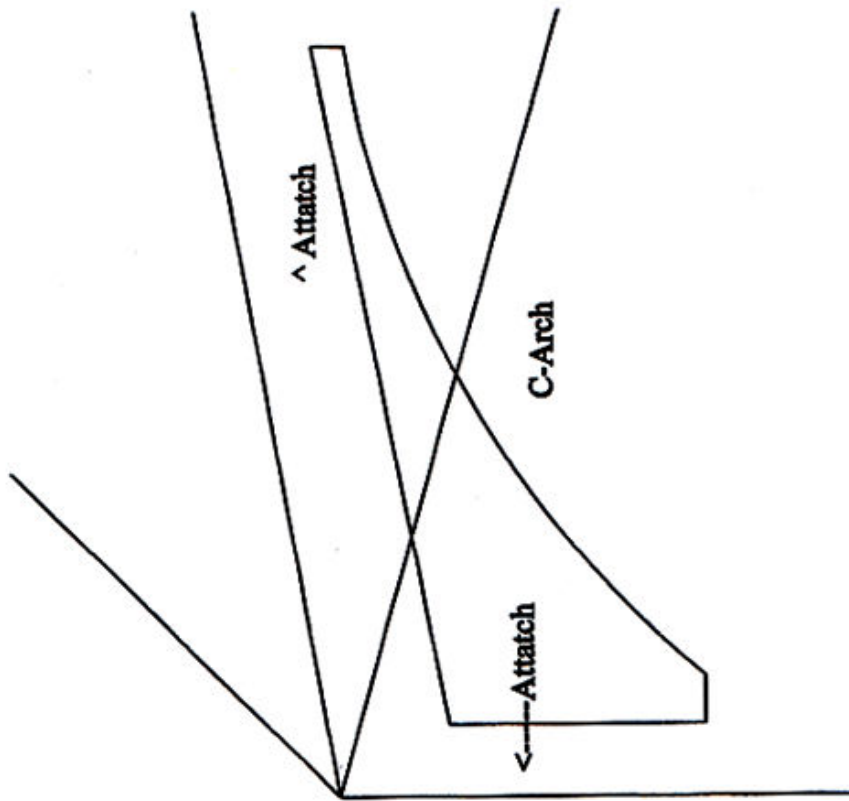
**STEP 1:** The first step in this process is to frame an X out of 2 x 4 Standard studs. Spanning from one corner to the opposite corner as shown in this drawing.



^ B-Wall Long Wall

< A-Wall Short Wall

**Step 2: The next step is installing the C-Arch. The C-Arches come in 4 peices, and attach directly to the 2 x 4 X that has been framed into the ceiling. Simply slide the I-Beam shaped C-Arch onto the 2 x 4 and attach using screws or nails, then attach the corners of the C-arch into the corners of the room.**

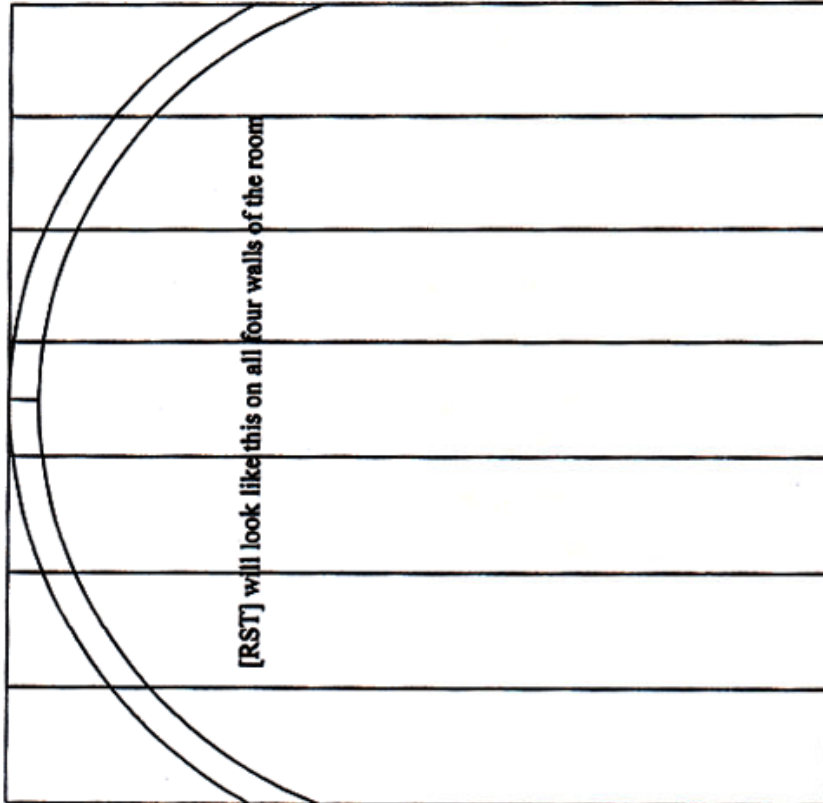


**Step 3: Attach supplied Radius Stud Track [RST] to A and B Walls.**

[RST] will come in 2-pieces for each wall and will be labeled according to wall length. (A-wall, B-wall).

Place end of [RST] in the corner of the room at the specified drop of the groin. If your groin ceiling drops 21 inches, measure down 21 inches from the ceiling and draw a line. Attach the peice in this corner and onto the wall. Once you have done this on both sides of the [RST] they should meet in the center of the wall.

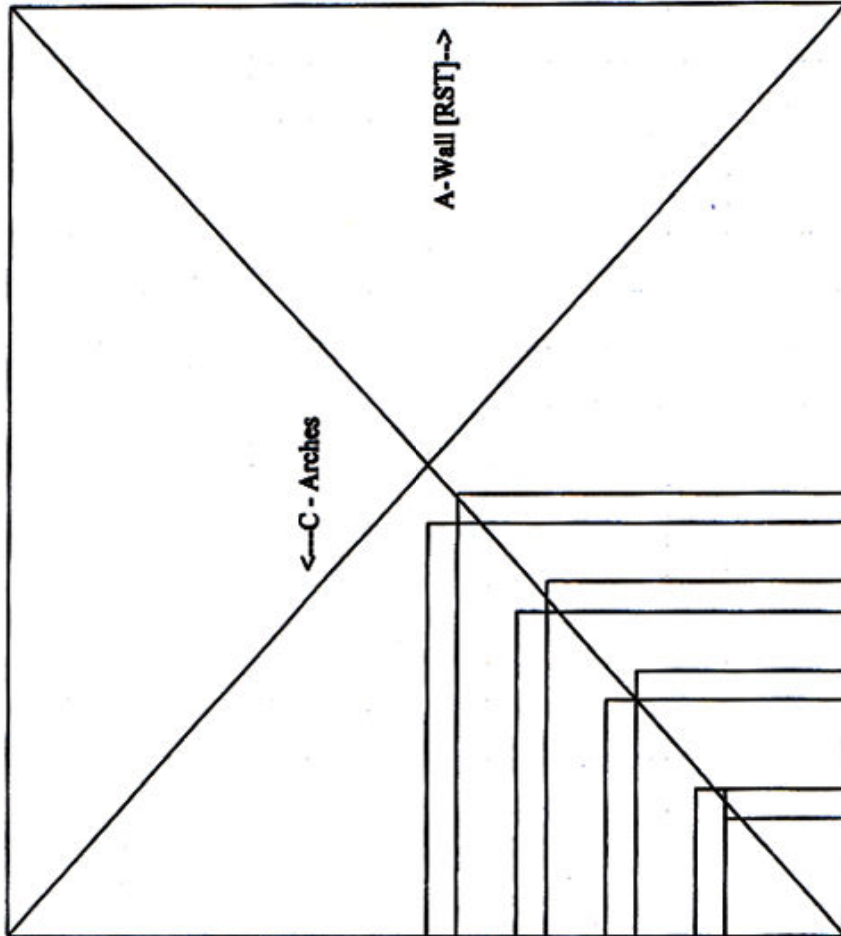
Repeat this step on all 4 walls.



Existing Framed Wall. Either the A-wall (short) or B-Wall (long).

**Step 4: The final step is to fill in the groin ceiling frame you have installed.**

**Attach 2x2's or 2x4's (metal or wood) from the wall [RST] to the C-Arch. These stringers just sturdy up the whole system and give you a place to attach drywall.**



**^ B-Wall [RST] previously attached to the wall.**