

9 Build rest of wall. Attach top row of Zonts™ at top of wall on left side of strongback. Use 8" extension on impact drill to screw around strongback. Place 2x4 walers in Zont, then twist cam to lock bracing to ICF wall.

10 Align wall by plumbing corners with 6' spirit level. Attach 3/4" blocks on outside end of each face, run stringline between. Use 8" hex extension, 10 mm driver & electric drill to adjust Zuckles™ & align top edge 3/4" from stringline. Replumb wall before, during, after pour. Always **PUSH** wall, never pull.

8 Use 2x10s for walkway. Ensure both ends of the 2x10s are completely supported. Screw or nail to prevent movement.

7 Solidly drive two stakes into ground at different angles for maximum resistance. Screw stakes to base of kicker. For slabs, use two 24" 2x6s jointed to form an "L". Adjust Zuckle™ to plumb strongback (fine adjustment is done later with stringline).

6 Cut 2x6s 20" long as supports for catwalk and 2x4s about a foot longer than the catwalk height. Nail or screw the strongback, 2x6 and 2x4 diagonal as shown to form the catwalk support. Use #10 or #12 screws for adequate strength.

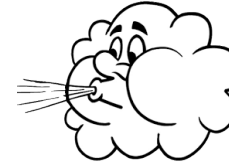
5 Place STRAIGHT 2x4 strongbacks on right side of Zont™, toe-nailing base to 2x4 plate. Tighten cam counter-clockwise to lock waler and strongback to wall.

4 Place 2x4 walers in Zont™ saddles. Scab 4' 2x4 over joints for continuity. Scab 1x4 over corner joint.

3 Install two more layers of ICF and screw attach Zonts™ about 3' above footing (or slab) 6' on center using 1-1/2" x #8 flat head screws.

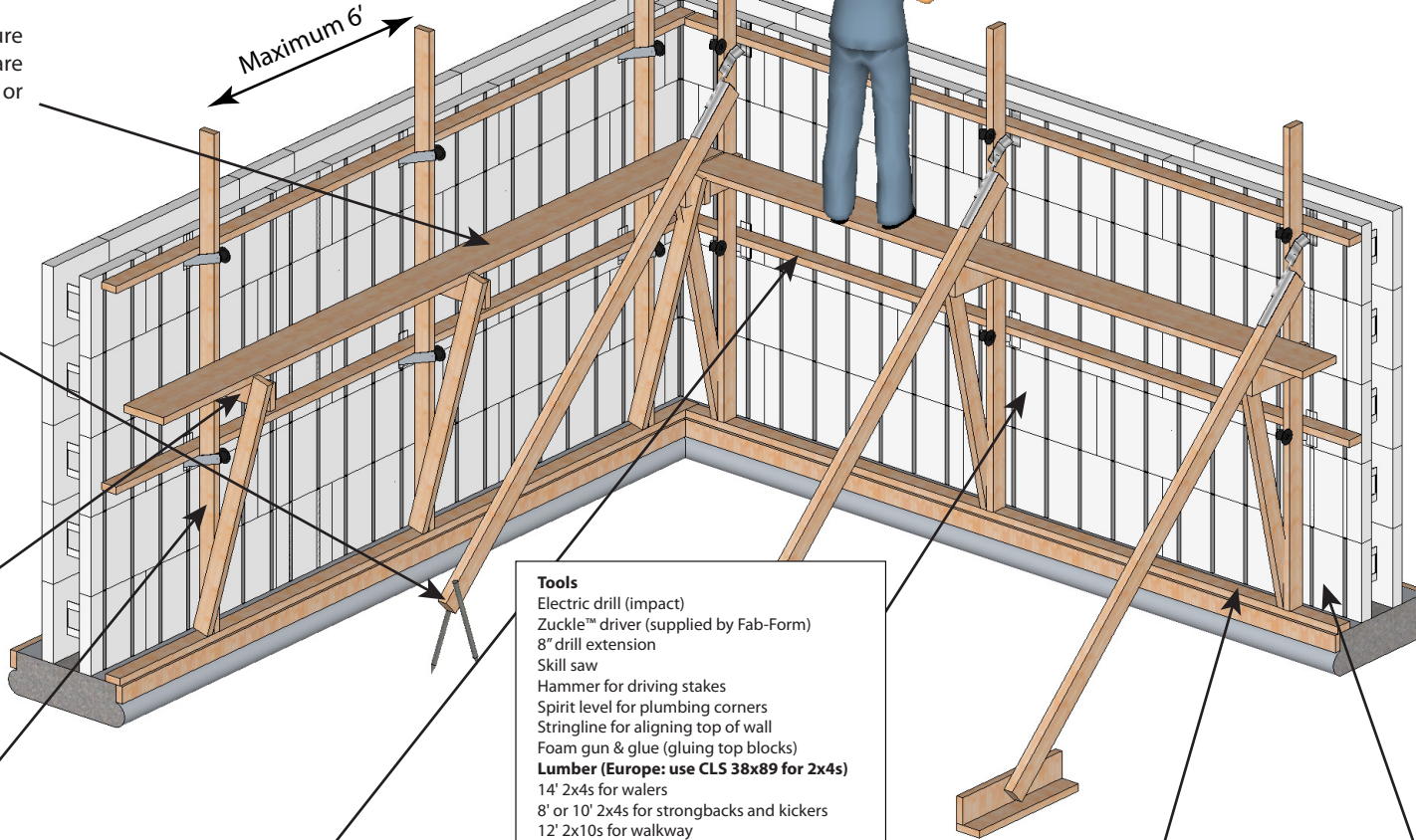
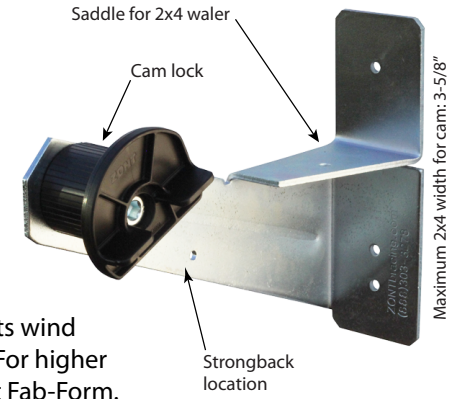
2 Nail 2x4 to top of footing (or slab) 3-5/8" away from ICF wall as a base for the vertical strongbacks.

1 Attach first row of block to the slab or footing with foam glue, metal channel, or 2x4s as per ICF manufacturer's instructions.



WIND LOADS

Zont bracing supports wind loads up to 25 mph. For higher wind speeds, contact Fab-Form.



- Tools**
- Electric drill (impact)
 - Zuckle™ driver (supplied by Fab-Form)
 - 8" drill extension
 - Skill saw
 - Hammer for driving stakes
 - Spirit level for plumbing corners
 - Stringline for aligning top of wall
 - Foam gun & glue (gluing top blocks)
- Lumber (Europe: use CLS 38x89 for 2x4s)**
- 14' 2x4s for walers
 - 8' or 10' 2x4s for strongbacks and kickers
 - 12' 2x10s for walkway
 - Stakes (1x4s, 2x4s or steel as per ground)
- Fasteners**
- 1-1/2" x #8 flat head screws (for Zonts™ to ICF)
 - 2-1/2" #10 flat head screws (scaffolding)

IMPORTANT

- 1 Always **PUSH**, never pull wall
- 2 **Vibration** can loosen cams, check tightness
- 3 Never leave wall unbraced (wind damage)
- 4 Zont™ Bracing is a wall alignment system, ensure catwalk complies to local code

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