



FORMING

SYSTEM

#5 ANCHOR-LOCK FORMING SYSTEM

The GATES #5 Anchor-Lock System uses 3/4" plywood with the 2x6 flat walers on 12" centers, crossed by 4 x 4's on 24" centers to minimize the unsupported plywood span. GATES Anchor-Locks are spaced 24" x 24" (or 4 sq. ft. per tie).

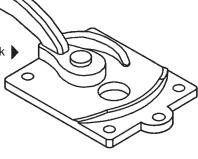


Advantages of Gang Forming:

- Lower construction costs
- No loose hardware
- Gang form both sides
- Pass-thru form ties

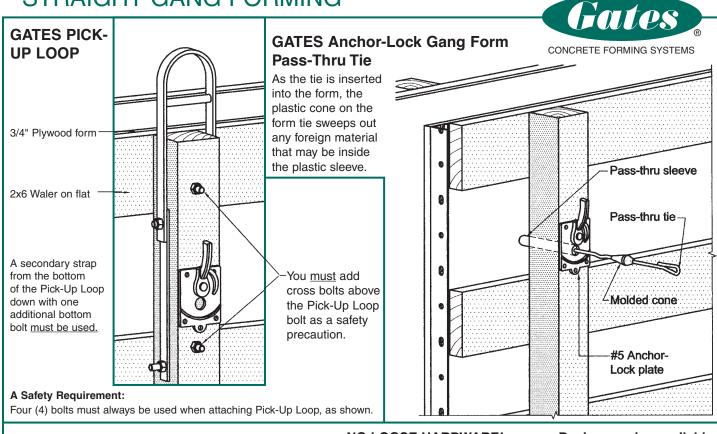
GATES #5 Anchor-Lock Tie with cones molded in place. (1-1/2" breakback)

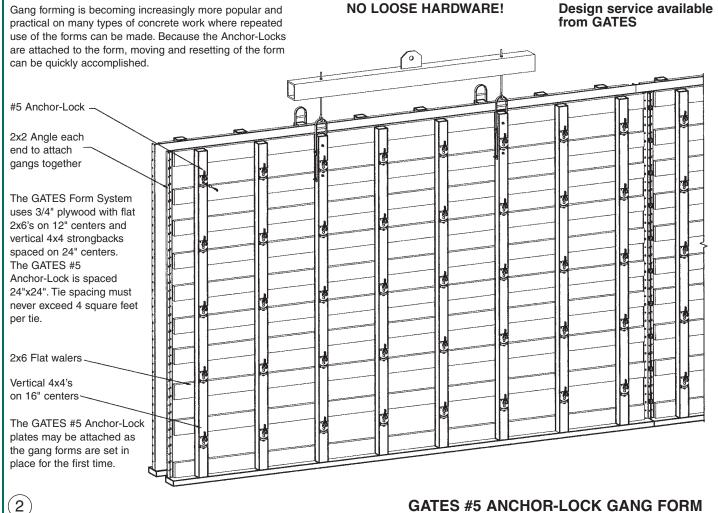
GATES #5 Anchor-Lock (Open & close with carpenter's hammer)



500 ANCHOR-LOCK #5 COPYRIGHT 1979-GATES & SONS, INC. PRINTED IN USA

STRAIGHT GANG FORMING





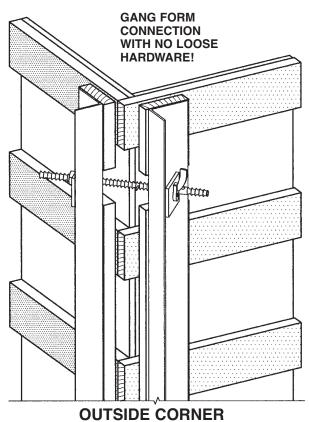
GANG FORM CONNECTIONS

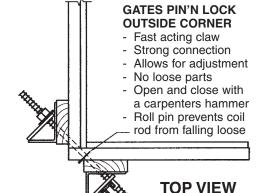


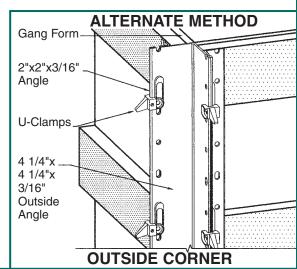
GATES PIN'N LOCK OUTSIDE CORNER

You can have LEAK-PROOF corners using GATES adjustable Pin'N Lock heavy duty outside steel corners, with no loose parts.

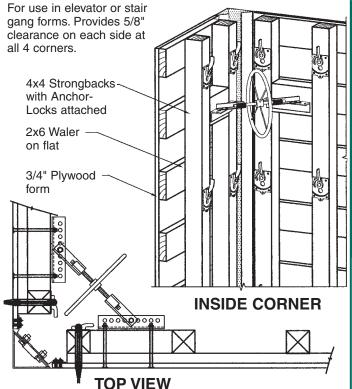
Bolt outside corner units to corner of gangs. Position as shown in top view (at right).



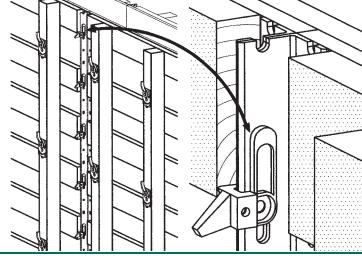


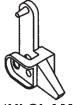


GATES RETRACTABLE INSIDE CORNER



USE OF GATES 'U' CLAMPS TO ATTACH FORMS





Attach GATES connecting 'U' Clamps with chain to end of one gang form with large staple or 5/16"x2" lag screw every 2x6 flat waler.

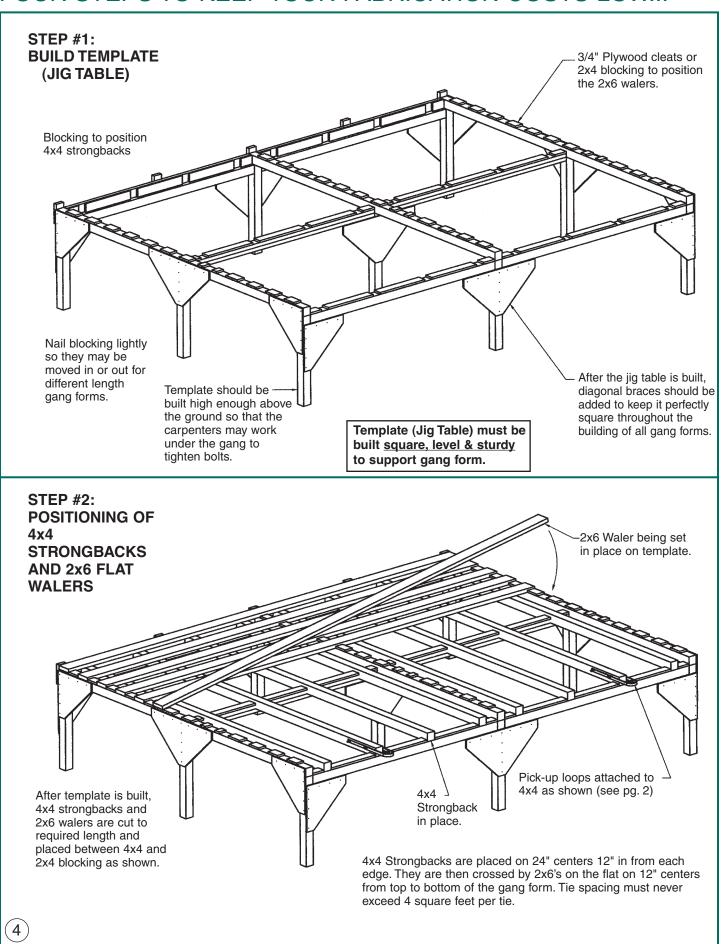
'U' CLAMP



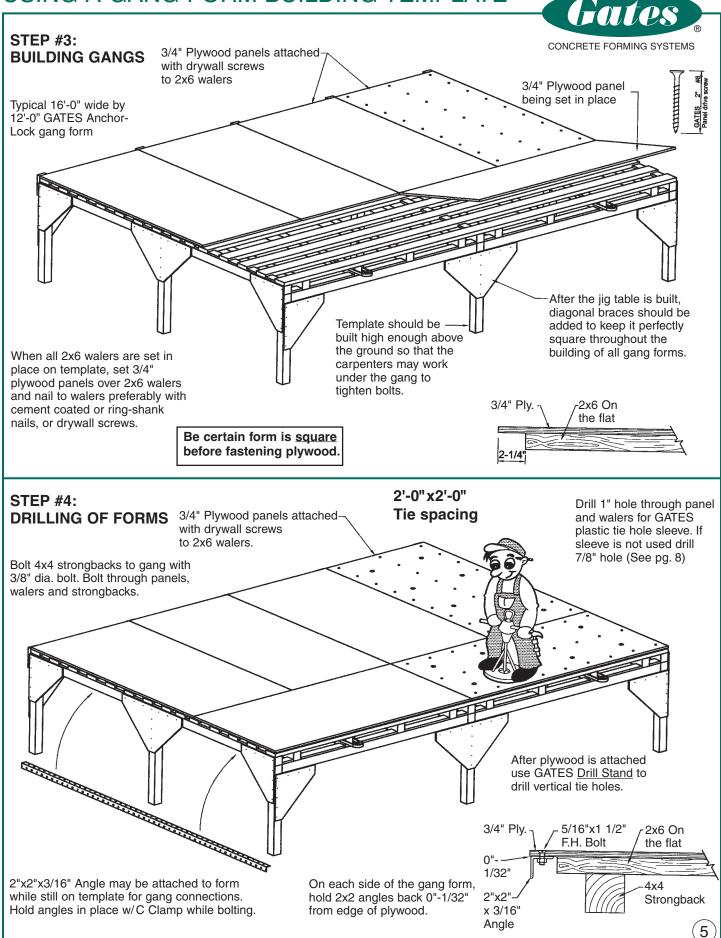
WITH CHAIN

(3

FOUR STEPS TO KEEP YOUR FABRICATION COSTS LOW...



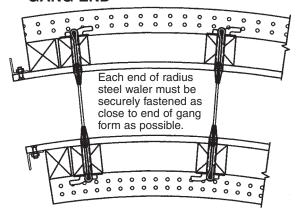
USING A GANG FORM BUILDING TEMPLATE



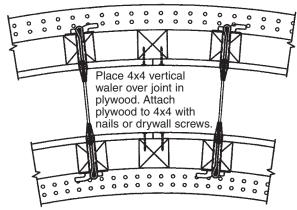
RADIUS WALL GANG FORMING



PLAN VIEW - TYPICAL RADIUS GANG END

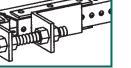


PLAN VIEW - TYPICAL RADIUS CENTER PLYWOOD CONNECTION



Plywood Bending Table

20'-0" Dia. 1/4" 3 pcs. 30'-0" Dia. 3/8" 2 pcs. 40'-0" Dia. 2 pcs. 3/8" 50'-0" Dia. 1 pc. 5/8" 60'-0" Dia. 1 pc. 3/4" And Larger



GATES Adjuster

GATES ADJUSTABLE RADIUS WALL GANG FORMS

Use vertical 4x4s with 2"x3" rolled radius walers from GATES.

design on your next radius wall project.

GATES radius #5 Anchor-Lock forms produce a smooth curved surface.

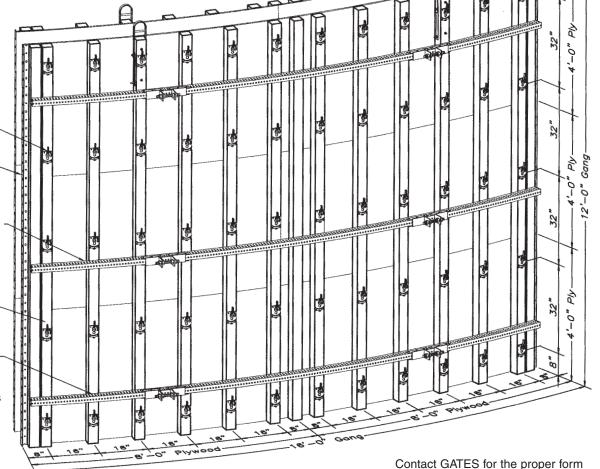
#5 Anchor-Lock

2x2 Angle each end to attach gangs together

GATES adjustable 2"x3" rolled radius steel waler spaced 6'-0"- 8'0" apart

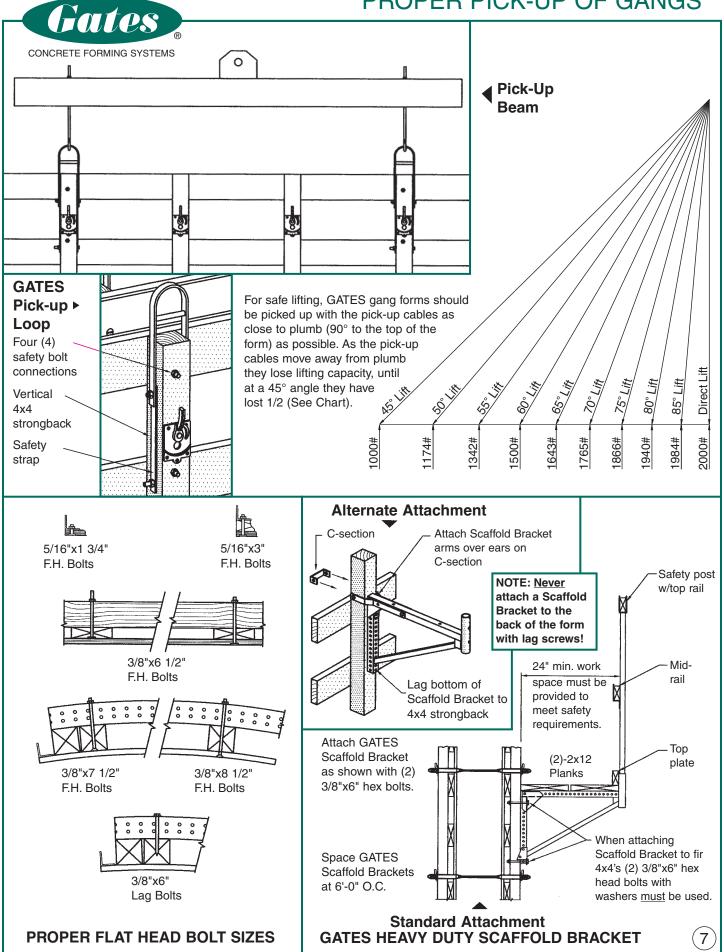
Vertical 4x4's on 16" centers

Additional GATES – rolled 2"x3" walers should be added when radius is less than 30'-0"

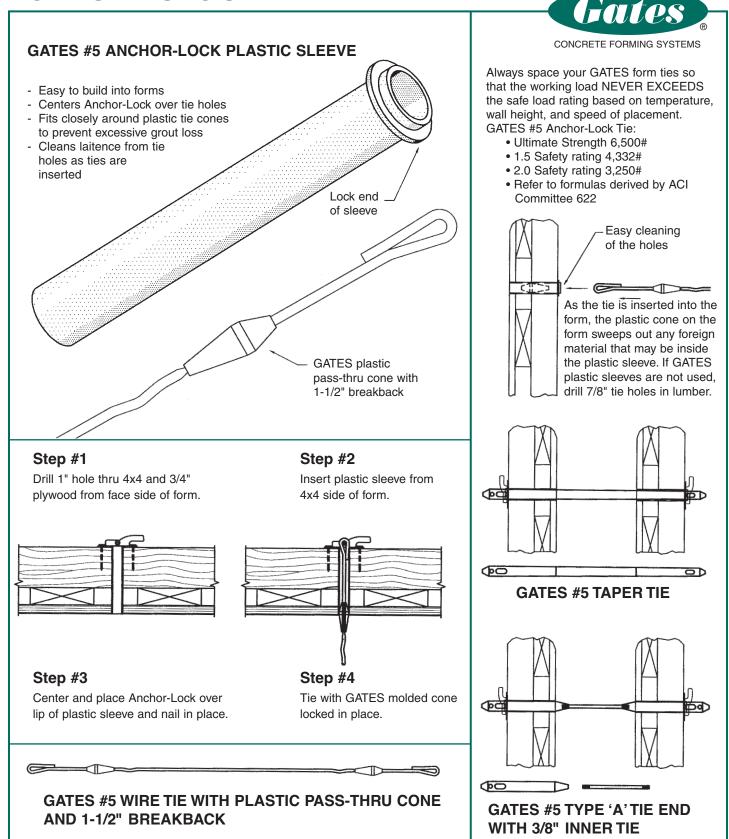


6

PROPER PICK-UP OF GANGS



GATES PLASTIC SLEEVE



Gates & Sons, Inc.

90 SOUTH FOX STREET, DENVER, COLORADO (303) 744-6185 1(800) 333-8382 E-MAIL: info@gatesconcreteforms.com www.gatesconcreteforms.com