USE OF WIRE JOINT REINFORCING FOR TEMPERATURE REINFORCEMENT

Bond beam unit, grouted
1 — #5 bar for 8’ height
2 — #5 bars for 12’ height

Bolts in grouted units as required

For 6” thick walls:
1 #4 @ 4′0″ o.c.
grout cells

For 8” thick walls:
1 #5 @ 4′0″ o.c.
with reinforcing bars

Place vertical bars at ends of wall and at openings

Wire joint reinforcing required in alternate courses for stack bond; use 2 — #9 wires crimped and knurled, spacers welded at 16″ o.c.; wire to comply with ASTM A82; place spacer wires down.

Footing dowel; #5 bar @ 4′0″ o.c. maximum and at ends of wall

Nominal 6″ or 8″ thick

Cleanouts at each bar in block or in footing; omit cleanouts if grout lifts are not over 4′.
1 — #5 bar continuous in footing, minimum

Note—Above provides for minimum temperature reinforcing — additional reinforcing may be required for wind, seismic and other loads. Use of joint reinforcing permits ungrouted cells to be filled easily with perlite, vermiculite or foam for insulation thus reducing the U factor.

*For running use heavy duty, 2-3/16 wires, at 24″ o.c.
*For 4” high block, stack bond use joint reinforcing 2 — #9 wires at 8″ o.c. and 1 — #4 bar in footing.

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