RIGHT CORNER/JAMB

2'4"

2'4"

2'4"

4"

4"

2 1/2"

LEFT CORNER/JAMB

BLACK REBAR DENOTES FULL CELL (0.00460417 CUBIC YARD)

WHITE REBAR DENOTES INTERIOR STRETCHER CELL (0.0027328 CUBIC YARD)

FULL CELL REBAR IS PLACED 4" IN FROM THE EXTERIOR EDGES
(SAME AS STANDARD CMU)

STRETCHER CELL REBAR IS 2 1/2" IN FROM THE INTERIOR EDGES OR 5 1/2"
FROM THE EXTERIOR EDGES

TYPICAL VERTICAL REBAR PLACEMENT PER ENGINEERING IS ONE #5 @ 48" O.C.
AND ADJACENT TO EVERY WINDOW AND DOOR OPENING

STRETCHER
ALL REBAR TYPICALLY #5

SHOP DRAWING
OVERVIEW

BLACK FULL CELL REBAR

WHITE STRETCHER CELL REBAR

SUBSEQUENT ENLARGED DETAIL SECTION

COMPLETE BUILDING CAN BE SEEN ON SD9
Best design practices call for all dimensions to be evenly divisible by 8” (block module).

4’ dimension is where a 4040 window will be located with a 4’0” sill height and an 8’0” crossover.

First dimension layer: Rebar placement
Second dimension layer: Jamb-to-Jamb

REBAR 40 BAR DIAMETERS FROM FINISHED FLOOR HEIGHT

3’4” DOOR OPENING

OMNI BLOCK
AN INSULATED CONCRETE BLOCK
INVESTOR NEWSLETTER ISSUE N°3 FALL 2007

ALL NON-REBAR CELLS FILLED WITH OMNI BLOCK INSULATION INSERTS (NOT SHOWN)

RED DENOTES RIGHT CORNER/JAMB
BLUE DENOTES LEFT CORNER/JAMB

4' DIMENSION IS WHERE A 4040 WINDOW WILL BE LOCATED WITH A 4'0" SILL HEIGHT AND AN 8'0" CROSSOVER

3'4" DOOR OPENING

FIRST DIMENSION LAYER: REBAR PLACEMENT
SECOND DIMENSION LAYER: JAMB-TO-JAMB

BEST DESIGN PRACTICES CALL FOR ALL DIMENSIONS TO BE EVENLY DIVISIBLE BY 8" (BLOCK MODULE)

OmniBlock
AN INSULATED CONCRETE BLOCK
ALL NON-REBAR CELLS FILLED WITH OMNI BLOCK INSULATION INSERTS (NOT SHOWN)

SHOP DRAWING
SECTION DETAIL - SECOND COURSE

BEST DESIGN PRACTICES CALL FOR ALL DIMENSIONS TO BE EVENLY DIVISIBLE BY 8" (BLOCK MODULE)

ALTERNATE LEFT AND RIGHT CORNER/JAMB BLOCK TO BUILD WINDOW COLUMNS

IN LIEU OF MID-WALL BOND BEAMS LADDER ROD IS PLACED IN MORTAR BED EVERY OTHER COURSE PER ENGINEERING (NOT SHOWN)

4' DIMENSION IS WHERE A 4040 WINDOW WILL BE LOCATED WITH A 4'0" SILL HEIGHT AND AN 8'0" CROSSOVER

FIRST DIMENSION LAYER: REBAR PLACEMENT
SECOND DIMENSION LAYER: JAMB-TO-JAMB

ALTERNATE APPROPRIATE CORNER/JAMB BLOCK WITH STANDARD 8X8X8 BLOCK TO BUILD DOOR JAMBS

DATE: 08-16-18  PAGE: SD5  SHOP DRAWING  SECTION DETAIL - SECOND COURSE
SHOP DRAWING
SECTION DETAIL - 4 FT LIFT

REBAR LAP 40 BAR DIAMETERS

3’4” DOOR OPENING

4’ DIMENSION IS WHERE A 4040 WINDOW WILL BE LOCATED WITH A 4’0” SILL HEIGHT AND AN 8’0” CROSSOVER

DIMENSIONS: JAMB-TO-JAMB
SHOP DRAWING
SECTION DETAIL - 8 FT LIFT

40 x 40 WINDOW OPENING

3' 4" DOOR OPENING

REBAR LAP 40 BAR DIAMETERS

DIMENSIONS: JAMB-TO-JAMB
Use Omni Block if one #5 top-of-wall is required or Standard bond beam CMU if two #5 are required.

3080 door (3'4" x 8'2" opening)

3080 window opening

Block above door opening cut to a height of 6" to allow for door frame.

Dimensions: jamb-to-jamb
COMPLETE BUILDING FROM SD2 DRAWING

CLOSE-ENDED BLOCK BOTH ENDS REQUIRE STANDARD 8X8X16 CMU