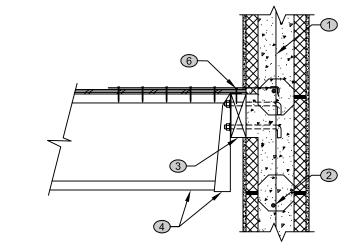


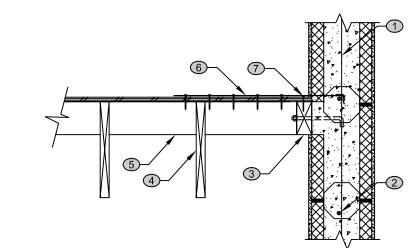
- VERTICAL REINFORCING
- ② HORIZONTAL REINFORCING
- 3" DEEP BOND BEAM WITH (1) #4 CONTINUOUS BAR
- 4 2X NAILER PLATE WITH 1/2" DIAMETER ANCHOR BOLTS AT 48" O.C.
- (5) 2X SOLID BLOCKING BETWEEN TRUSSES WITH 16d AT 6" O.C. FASTENED TO WALL TOP NAILER
- 6 H2.5 CLIP TO EACH ROOF TRUSS.
- FASTENED DIRECTLY TO TOP NAILER STRUCTURAL SHEATHING
- 8 BOUNDARY FASTENERS

#### ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND

PER SECTION R611 - 2012

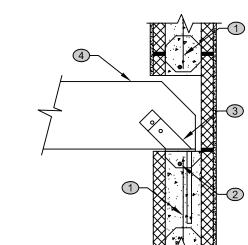


- VERTICAL REINFORCING
- ② HORIZONTAL REINFORCING 3 LEDGER PER DESIGN. CUT CONCRETE FORMS TO PROVIDE A 4" DIAMETER CONCRETE BEARING SURFACE AT ANCHOR BOLTS
- 4 FLOOR JOIST AND HANGER PER DESIGN
- 6 BOUNDARY FASTENERS
- ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND SPACING PER SECTION R611 - 2012



- VERTICAL REINFORCING
- (2) HORIZONTAL REINFORCING
- 3 LEDGER PER DESIGN. CUT CONCRETE FORMS TO PROVIDE A 4" DIAMETER CONCRETE BEARING SURFACE AT ANCHOR BOLTS
- 4 FLOOR JOIST PER DESIGN
- 5 TRUSS BLOCKING PER TRUSS MFGR.
- 6 ANCHOR STRAP PER DESIGN. PROVIDE A MINIMUM #4 BAR X 32" LONG CENTERED AT ANCHOR STRAP
- 7 BOUNDARY FASTENERS

ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND SPACING PER SECTION R611 - 2012



VERTICAL REINFORCING

SPACING

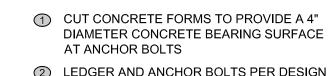
- ② HORIZONTAL REINFORCING
- 3 SIMPSON BEAM SEAT PER DESIGN

PER SECTION R611 - 2012

- 4 WOOD BEAM PER DESIGN
  - ICF SCREEN GRID TO BE PER IRC 2012

FOOTING WIDTH, REBAR SIZE AND

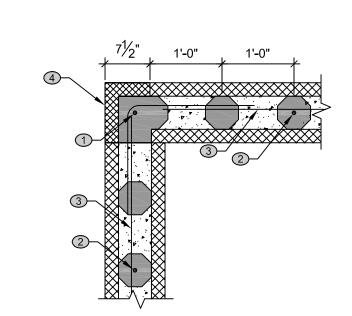
#### (101) TYPICAL ROOF TRUSS AT ICF WALL



2 LEDGER AND ANCHOR BOLTS PER DESIGN

ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND SPACING PER SECTION R611 - 2012

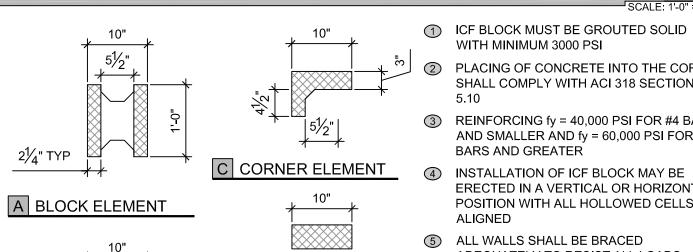




- 1 #4 VERTICAL CORNER BAR MINIMUM
- ② VERTICAL REINFORCING 3 HORIZONTAL REINFORCING
- ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND PER SECTION R611 - 2012

4 CUT END ELEMENT AS SHOWN IN DETAIL

## (103) FLOOR LEDGER AT ICF WALL



D 4" FLAT

3 REINFORCING fy = 40,000 PSI FOR #4 BARS AND SMALLER AND fy = 60,000 PSI FOR #5 BARS AND GREATER INSTALLATION OF ICF BLOCK MAY BE ERECTED IN A VERTICAL OR HORIZONTAL POSITION WITH ALL HOLLOWED CELLS

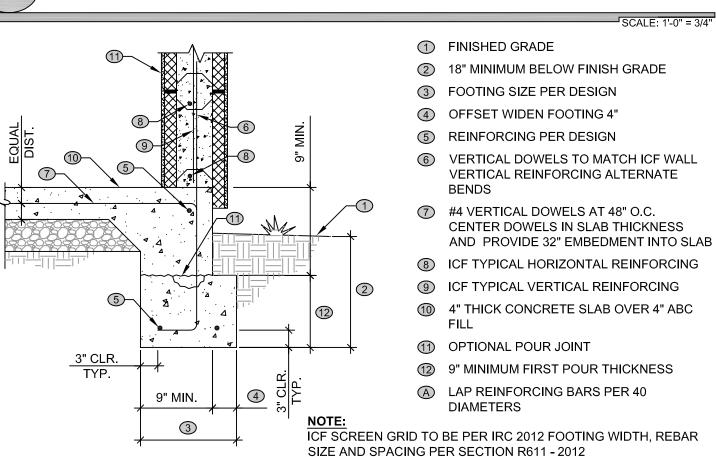
PLACING OF CONCRETE INTO THE CORES

SHALL COMPLY WITH ACI 318 SECTION

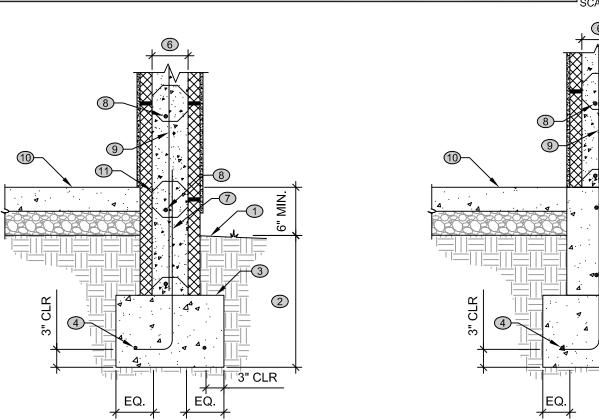
WITH MINIMUM 3000 PSI

- 5 ALL WALLS SHALL BE BRACED ADEQUATELY TO RESIST ALL LOADS DURING THE PLACEMENT OF CONCRETE
- ALL CELLS SHALL BE GROUTED SOLID 7 VERTICAL AND HORIZONTAL SPACING OF REINFORCING BARS SHALL BE 48" O.C. MAXIMUM. REFER TO ENGINEERING PLANS OR CURRENT IRC CODE FOR SPECIAL REINFORCING REQUIREMENTS

#### (104) WOOD BEAM AT ICF WALL



### (###)TYPICAL LEDGER AT ICF WALL



**B** WALL SUPPORTED BY TOP OF CONCRETE STEM

¹¹³3" CLR

#### (###) TYPICAL ICF WALL CORNER

- finished grade
- 2 18" MINIMUM BELOW FINISH GRADE
- 3 FOOTING SIZE PER DESIGN
- 4 REINFORCING PER DESIGN (5) FOOTING STEM WALL WITH CONTINUOUS
- #4 BAR TOP AND BOTTOM
- VERTICAL DOWELS TO MATCH ICF WALL
- VERTICAL REINFORCING
- 10 4" THICK CONCRETE SLAB OVER 4" ABC
- CONCRETE CORE
- ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND SPACING
- 6 ICF CONCRETE CORE THICKNESS
- VERTICAL REINFORCING ALTERNATE
- 8 HORIZONTAL REINFORCING
- 11 CAST SLAB DIRECTLY AGAINST THE ICF

# PER SECTION R611 - 2012

A ACTUAL REBAR QUANTITY MAY DIFFER FROM DRAWN DETAIL. (1) TOP OR BOTTOM

BAR SHALL BE CENTER ON FTG WIDTH, (3)

OR MORE BARS SHALL BE SPACE EVENLY

- (B) LAP REINFORCING BARS PER 40 DIAMETERS
- © CONTRACTOR IS PERMITTED TO USE
- OPTION (A) OR (B) PER THIS DETAIL FOOTING STEM WIDTH AT OPTION (B) MAY BE DECREASED TO MATCH ICF CONCRETE CORE THICKNESS AT CONTRACTORS DISCRETION

#### (107) TYPICAL ICF WALL STANDARDS

B END ELEMENT

B WALL SUPPORTED BY TOP OF CONCRETE STEM

3" CLR

EQ. A WALL SUPPORTED BY TOP OF FOOTING

#### (108) ICF WALL AT CONTINUOUS FOOTING

finished grade

2 18" MINIMUM BELOW FINISH GRADE

3 FOOTING SIZE PER DESIGN 4) REINFORCING PER DESIGN

(5) FOOTING STEM WALL WITH CONTINUOUS

#4 BAR TOP AND BOTTOM 6 ICF CONCRETE CORE THICKNESS

VERTICAL DOWELS TO MATCH ICF WALL

VERTICAL REINFORCING ALTERNATE

8 HORIZONTAL REINFORCING

VERTICAL REINFORCING

10 4" THICK CONCRETE SLAB OVER 4" ABC

(1) CAST SLAB DIRECTLY AGAINST THE ICF CONCRETE CORE

BAR SHALL BE CENTER ON FTG WIDTH, (3) OR MORE BARS SHALL BE SPACE EVENLY

B LAP REINFORCING BARS PER 40

DIAMETERS © CONTRACTOR IS PERMITTED TO USE

OPTION (A) OR (B) PER THIS DETAIL

(A) ACTUAL REBAR QUANTITY MAY DIFFER

FROM DRAWN DETAIL. (1) TOP OR BOTTOM

**D** FOOTING STEM WIDTH AT OPTION (B) MAY BE DECREASED TO MATCH ICF CONCRETE CORE THICKNESS AT CONTRACTORS DISCRETION

ICF SCREEN GRID TO BE PER IRC 2012

FOOTING WIDTH, REBAR SIZE AND

PER SECTION R611 - 2012

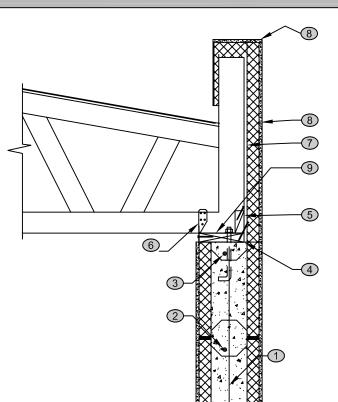
SPACING

# (110) ICF WALL AT INTERIOR CONTINUOUS FOOTING

□ 3" CLR

# (109) ICF WALL AT CONTINUOUS FOOTING

A WALL SUPPORTED BY TOP OF FOOTING



- 1 VERTICAL REINFORCING
- ② HORIZONTAL REINFORCING 3" DEEP BOND BEAM WITH (1) #4
- CONTINUOUS BAR 4 2X NAILER PLATE WITH 1/2" DIAMETER
- ANCHOR BOLTS AT 48" O.C. (5) 2X SOLID BLOCKING BETWEEN TRUSSES WITH 16d AT 6" O.C. FASTENED TO WALL
- TOP NAILER (6) H2.5 CLIP TO EACH ROOF TRUSS. FASTENED DIRECTLY TO TOP NAILER
- STRUCTURAL SHEATHING
- (8) FOAM EPS WITH LATH OVERLAPING
- ICF MIN. 12" 9 2 X 8 WD. PLATE

ICF SCREEN GRID TO BE PER IRC 2012 FOOTING WIDTH, REBAR SIZE AND SPACING PER SECTION R611 - 2012

(111) ROOF TRUSS WITH PARAPET AT ICF WALL

#### ICF 12" O.C. SCREEN GRID NOTES:

ICF TO BE PER IRC 2012 SCREEN GRID.

LIFTS EACH)

CONCRETE POUR.

- SCREEN GRID ICF MUST BE GROUTED SOLID WITH 2500 PSI, 3/8" MINUS GROUT.
- PLACING THE CONCRETE IN THE CORES MUST BE ACCOMPLISHED IN ACCORDENCE WITH SECTION R611 OF THE IRC 2012.
- RENFORCING fy = 40,000 PSI A-615 GRADE 40. UNLESS NOTED OTHERWISE. SEE ENGINEERING OR
- THE CONCRETE GROUT MUST HAVE A COMPRESSIVE STRENTH OF 2500 PSI AFTER 28 DAYS. WITH A SLUMP OF 7" CLEAN-OUTS ARE NOT REQUIRED. VIBRATION IS NOT REQUIRED. GROUT 10' LIFTS (2-5'

2012 IRC SCREEN GRID PERSCIPTIVE DESIGN.

- ICF MAY BE ERECTED EITHER VERTICAL OR HORIZONTAL AND REINFORCING AS REQUIRED PER STRUCTURAL DESIGN OR IRC 2012.
- ICF WALLS MUST BE ADEQUATELY BRASED PER IRC 2012 TO RESIST LATERIAL FORCE DURING
- VERTICAL AND HORI ZONTAL RENFORCING SPACING SHALL BE A MINIMUM OF 48" O.C. UNLESS NOTED OTHERWISE. SEE ENGINEERING OR 2012 IRC SCREEN GRID PERSCIPTIVE DESIGN FOR SIZE OF RENFORCING.

**TYPICAL** 

**DETAILS**