Recommendation: Review the Advantage ICF System Installation Videos.

When building with the Advantage ICF System please review your local building code requirements with your local building officials before your permitting stage.
### Typical Advantage ICF System Detail Drawings Index

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### 150-mm (6") Advantage ICF Structural Detail Drawing Description

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### 200-mm (8") Advantage ICF Installation Detail Drawing Description

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<td>Foundation, Main, 2nd Floor</td>
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NOTES:

1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.

2. DOWEL FROM FOOTING TO MATCH SIZE OF VERTICAL REBAR AT A MAXIMUM SPACING OF 24" O.C. WITH MINIMUM 8" TOTAL EMBEDMENT INTO FOOTING AND 3" COVER THICKNESS OR AS PER LOCAL CODE. IF FOOTING IS LESS THAN 11" THICK, USE "L" SHAPE DOWEL.
6" ADVANTAGE ICF SYSTEM
TYPICAL DIMENSIONS

LEDGER PLATE CONNECTION

BOLT DIA. AND SPACING
PER DESIGN REQUIREMENT

JOIST HANGER

CONCRETE BLOCKOUTS

WOOD PROTECTED FROM
CONCRETE AS PER LOCAL
BUILDING CODE.

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE
ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
6" ADVANTAGE ICF SYSTEM
TYPICAL DIMENSIONS

LEDGER CONNECTION
SEE NOTE BELOW

SPACING AS PER
MANUFACTURER
DETAILS

NOTES:

1. FOR SIMPSON STRONG-TIE LEDGER CONNECTION SYSTEM
SEE MANUFACTURER DETAILS AND TABLE @ www.strongtie.com

2. FOR ICF CONNECT LEDGER CONNECTION SYSTEM
SEE MANUFACTURER DETAILS AND TABLE @ www.icfconnect.com
NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE
ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
NOTE: LOCATION OF JOIST BLOCKING AS PER FLOOR MANUFACTURER SPECS.

AIR SPACE
MASONRY TIE

BRICK VENEER WITH STEEL ANGLE SUPPORT

SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE

2–10M CONTINUOUS IN TOP OF WALL TYPICAL

BRICK Ledge ANGLE SEE TECHNICAL MANUAL FOR DESIGN DETAILS

ANCHOR BOLTS OR HILTI BOLTS OR EQUAL

TYPICAL 8" HIGH x 4" WIDE BLOCKOUT IN THE FOAM INSULATION

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
AIR SPACE
MASONRY TIE

BRICK VENEER WITH STEEL ANGLE SUPPORT

BRICK LEDGE ANGLE SEE TECHNICAL MANUAL FOR DESIGN DETAILS

ANCHOR BOLTS OR HILTI BOLTS OR EQUAL

TYPICAL 8" HIGH x 4" WIDE BLOCKOUT IN THE FOAM INSULATION

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
NOTE:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. WOOD BEAMS MAY NEED TO BE PROTECTED SEE LOCAL BUILDING CODE OR FLOOR MANUFACTURER’S SPECIFICATIONS.
3. ENGINEER TO CONFIRM BEARING CAPACITY REQUIRED FOR SPECIFIC BEAMS.
NOTE:
COLUMN DIMENSIONS AS REQUIRED BY ENGINEER

1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE
   ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. WOOD BEAMS MAY NEED TO BE PROTECTED SEE LOCAL
   BUILDING CODE OR FLOOR MANUFACTURER’S SPECIFICATIONS.
3. ENGINEER TO CONFIRM BEARING CAPACITY REQUIRED FOR
   SPECIFIC BEAMS.
NOTES:

1. WRAP BUCK TO ENSURE WOOD IS NOT IN DIRECT CONTACT WITH CONCRETE.
2. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
3. SEE TECHNICAL MANUAL FOR REINFORCING.
**NOTES:**

1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. REBAR OVERLAP TO BE 450 MM (18”) FOR 10M AND 650 MM (26”) FOR 15M.
3. MULTI STRAPS INSTALLED PRIOR TO POUR AS PER INSTALLATION MANUAL.
TO MATCH WALL HORIZONTAL REINFORCEMENT TYPICAL ALTERNATE LAYERS REVERSED

NOTE: CORNER BARS ALTERNATE OVERLAP (LEG LEFT FIRST COURSE, LEG RIGHT SECOND COURSE) PER VERTICAL COURSE OF BLOCK

1 EXTRA VERTICAL BAR

24” TYPICAL EACH LEG

NOTE:
TEES REQUIRE EXTRA BRACING ON BACK AND INSIDE CORNERS DURING CONCRETE POUR SEE INSTALLATION MANUAL

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL

6" ADVANTAGE ICF SYSTEM

TYPICAL "T" INTERSECTION
EXTerior finish as required by code

2" x 12" Sill plate c/w anchor bolts as per local building code

Top row tapered top block.

Note: Detail to be used in conjunction with Advantage ICF System Technical & Installation Manual
NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL

GYPSUM WALL BOARD
INSULSPAN SIP PANEL
SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE
CONCRETE SLAB
STEEL DOWEL RECOMMENDED
TIE BLOCK ABOVE BRICK LEDGE DOWN WITH ADVANTAGE BANDING, ZIP STRAP, OR REBAR WIRE TO KEEP TOP BLOCK FROM FLOATING

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

10M STIRRUP SEE TECHNICAL MANUAL PAGE 8 OR PER LOCAL ENGINEER

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
TIE BLOCK ABOVE BRICK LEDGE DOWN WITH ADVANTAGE BANDING, ZIP STRAP, OR REBAR WIRE TO KEEP TOP BLOCK FROM FLOATING

2x4 TREATED LEDGE PLATE C/W BOLTS AS PER LOCAL BUILDING CODE

10M STIRRUP SEE TECHNICAL MANUAL PAGE 8 OR PER LOCAL ENGINEER

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
SPACE BETWEEN FLOOR JOISTS & EPS 1/2" - 3/4"
KEEP FROM SQUEAKING

FLOOR JOIST TYPICAL

BLOCKING BETWEEN FLOOR JOISTS PER JOIST SUPPLIER'S REQUIREMENTS

NOTE:
FOR USE WITH DETAIL D.14.6

NOTE:
FASTEN FLOOR JOISTS TO 2x SILL PLATE AS PER LOCAL BUILDING CODE REQUIREMENTS

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
TIE BLOCK ABOVE BRICK LEDGE DOWN WITH ADVANTAGE BANDING, ZIP STRAP, OR REBAR WIRE TO KEEP TOP BLOCK FROM FLOATING

2x4 TREATED LEDGE PLATE C/W BOLTS AS PER LOCAL BUILDING CODE

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

10M STIRRUP SEE TECHNICAL MANUAL PAGE 8 OR PER LOCAL ENGINEER

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS
NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
NOTES:
1. ENSURE APPROPRIATE FROST COVER.
2. THIS IS A LATERALLY UNSUPPORTED WALL. REFER TO LOCAL BUILDING CODES.
3. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
4. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.

FREE DRAINING GRANULAR FILL C/W WEEPING TILE

2% SLOPE

2” X 12” CONTINUOUS SILL PLATE C/W BOLTS AS PER LOCAL BUILDING CODE

2-10M CONTINUOUS IN TOP OF WALL

½” GYPSUM BOARD

VERTICAL REBAR PLACED TO THE EARTH FACE OF WALL

DOWELS TO MATCH SIZE AND SPACING OF VERTICAL REBAR

MAX. BACKFILL HEIGHT PER LOCAL BUILDING CODE

REFER TO LOCAL BUILDING CODES FOR FOOTING SIZES
NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.

SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE
2-10M IN TOP OF WALL TYPICAL
VERTICAL REBAR PLACED TO THE WALL CENTRELINE
1\(\frac{1}{2}\)" DIAMETER ANCHOR BOLTS
SEE D2.6 OR D3.6 FOR TYP. ATTACHMENT DETAILS
CONCRETE BLOCKOUTS FOR LEDGER BOLTS SPACING SEE TECHNICAL MANUAL
VERTICAL REBAR PLACED TO THE INSIDE FACE OF WALL
DOWELS PER D.1.6
Dimpled membrane or dampproof as per local building code
Free draining granular fill C/W weeping tile

REFER TO LOCAL BUILDING CODES FOR FOOTING SIZES
NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
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2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE
2-10M IN TOP OF WALL TYPICAL
VERTICAL REBAR PLACED TO THE WALL CENTRELINE

½" DIAMETER ANCHOR BOLTS
SEE D2.6 OR D3.6 FOR TYP. ATTACHMENT DETAILS
VERTICAL REBAR PLACED TO THE WALL CENTRELINE

CONCRETE BLOCKOUTS FOR LEDGER BOLTS SPACING SEE TECHNICAL MANUAL

½" DIAMETER ANCHOR BOLTS
SEE D2.6 OR D3.6 FOR TYP. ATTACHMENT DETAILS
CONCRETE BLOCKOUTS FOR LEDGER BOLTS SPACING SEE TECHNICAL MANUAL

DIMPLED MEMBRANE OR DAMPPROOF TO LOCAL BUILDING CODE

FREE DRAINING GRANULAR FILL C/W WEEPING TILE

2% SLOPE
VERTICAL REBAR PLACED TO THE INSIDE FACE OF WALL

DOWELS PER D.1.6

REFER TO LOCAL BUILDING CODES FOR FOOTING SIZES

NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
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2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
BRICK LEDGE FACTORED DESIGN
LOAD: 16 KN/m

1-10M CONT. EXTRA IN BRICK LEDGE

NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
NOTES:

1. **Detail to be used in conjunction with Advantage ICF system technical & installation manual.**

2. **Dowel from footing to match size of vertical rebar at a maximum spacing of 24” O.C. with minimum 8” total embedment into footing and 3” cover thickness or as per local code. If footing is less than 11” thick, use “L” shape dowel.**
NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
8" ADVANTAGE ICF SYSTEM
TYPICAL DIMENSIONS

LEDGER CONNECTION
SEE NOTE BELOW

SPACING AS PER
MANUFACTURER
DETAILS

NOTES:

1. FOR SIMPSON STRONG–TIE LEDGER CONNECTION SYSTEM
SEE MANUFACTURER DETAILS AND TABLE @ www.strongtie.com

2. FOR ICF CONNECT LEDGER CONNECTION SYSTEM
SEE MANUFACTURER DETAILS AND TABLE @ www.icfconnect.com
NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
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ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
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2. WOOD BEAMS MAY NEED TO BE PROTECTED SEE LOCAL BUILDING CODE OR FLOOR MANUFACTURER’S SPECIFICATIONS
3. ENGINEER TO CONFIRM BEARING CAPACITY REQUIRED FOR SPECIFIC BEAMS
NOTE:
COLUMN DIMENSIONS AS REQUIRED BY ENGINEER

TYPICAL WOOD OR STEEL BEAM

COLUMN TO RUN TO FOOTING

NOTE:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
2. WOOD BEAMS MAY NEED TO BE PROTECTED SEE LOCAL BUILDING CODE OR FLOOR MANUFACTURER'S SPECIFICATIONS
3. ENGINEER TO CONFIRM BEARING CAPACITY REQUIRED FOR SPECIFIC BEAMS

FULL HEIGHT COLUMN FOOTINGS TO UNDERSIDE OF BEAM
NOTES:

1. WRAP BUCK TO ENSURE WOOD IS NOT IN DIRECT CONTACT WITH CONCRETE.
2. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
3. SEE TECHNICAL MANUAL FOR REINFORCING.
1. TYPICAL CORNER DETAIL

NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. REBAR OVERLAP TO BE 450 MM (18") FOR 10M AND 650 MM (26") FOR 15M.
3. MULTI STRAPS INSTALLED PRIOR TO POUR AS PER INSTALLATION MANUAL.
NOTE: CORNER BARS ALTERNATE OVERLAP (LEG LEFT FIRST COURSE, LEG RIGHT SECOND COURSE) PER VERTICAL COURSE OF BLOCK

NOTE: 1 EXTRA VERTICAL BAR

NOTE: 24" TYPICAL EACH LEG

NOTE: TO MATCH WALL HORIZONTAL REINFORCEMENT TYPICAL ALTERNATE LAYERS REVERSED

NOTE: TEES REQUIRE EXTRA BRACING ON BACK AND INSIDE CORNERS DURING CONCRETE POUR SEE INSTALLATION MANUAL

NOTE: DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
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NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE
ICF SYSTEM TECHNICAL & INSTALLATION MANUAL

EXTERIOR FINISH AS REQUIRED BY CODE

GYPSUM WALL BOARD

INSULSPAN SIP PANEL

SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE

CONCRETE SLAB

STEEL DOWEL RECOMMEND

8'' ADVANTAGE ICF SYSTEM

SIP WALL CONNECTION WITH CONCRETE SLAB

SCALE: NTS
TIE BLOCK ABOVE BRICK LEDGE DOWN WITH ADVANTAGE BANDING, ZIP STRAP, OR REBAR WIRE TO KEEP TOP BLOCK FROM FLOATING

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

10M STIRRUP SEE TECHNICAL MANUAL PAGE 8 OR PER LOCAL ENGINEER

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
TIE BLOCK ABOVE BRICK LEDGE DOWN WITH ADVANTAGE BANDING, ZIP STRAP, OR REBAR WIRE TO KEEP TOP BLOCK FROM FLOATING

2x4 TREATED LEDGE PLATE C/W BOLTS AS PER LOCAL BUILDING CODE

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

10M STIRRUP SEE TECHNICAL MANUAL PAGE 8 OR PER LOCAL ENGINEER

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
NOTE:
FOR USE WITH DETAIL D.14.8

NOTE:
FASTEN FLOOR JOISTS TO 2x SILL PLATE AS PER LOCAL BUILDING CODE REQUIREMENTS

NOTE:
DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
TIE BLOCK ABOVE BRICK LEDGE DOWN WITH ADVANTAGE BANDING, ZIP STRAP, OR REBAR WIRE TO KEEP TOP BLOCK FROM FLOATING

2x4 TREATED LEDGE PLATE C/W BOLTS AS PER LOCAL BUILDING CODE

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

10M STIRRUP SEE TECHNICAL MANUAL PAGE 8 OR PER LOCAL ENGINEER

GLUE THESE JOINTS WITH LOW EXPANSION FOAM ADHESIVE CONTINUOUS

NOTE:
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NOTE: DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL
NOTES:
1. ENSURE APPROPRIATE FROST COVER.
2. THIS IS A LATERALLY UNSUPPORTED WALL. REFER TO LOCAL BUILDING CODES.
3. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
4. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE

2-10M IN TOP OF WALL TYPICAL

VERTICAL REBAR PLACED TO THE WALL CENTRELINE

13 1/2"

2 5/8" TYPICAL

1/2" DIAMETER ANCHOR BOLTS

SEE D2.8 OR D3.8 FOR TYP. ATTACHMENT DETAILS

CONCRETE BLOCKOUTS FOR LEDGER BOLTS SPACING SEE TECHNICAL MANUAL

VERTICAL REBAR PLACED TO THE INSIDE FACE OF WALL

2% SLOPE

DOWELS PER D.1.8

DIMPLED MEMBRANE OR DAMPPROOF AS PER LOCAL BUILDING CODE

FREE DRAINING GRANULAR FILL C/W WEEPING TILE

REFER TO LOCAL BUILDING CODES FOR FOOTING SIZES

NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
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2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
SILL PLATE C/W ANCHOR BOLTS AS PER LOCAL BUILDING CODE

2–10M IN TOP OF WALL TYPICAL

VERTICAL REBAR PLACED TO THE WALL CENTRELINE

13 ½"

25/8" TYPICAL

CONCRETE BLOCKOUTS FOR LEDGER BOLTS SPACING SEE TECHNICAL MANUAL

1/2" DIAMETER ANCHOR BOLTS

SEE D2.8 OR D3.8 FOR TYP. ATTACHMENT DETAILS

VERTICAL REBAR PLACED TO THE WALL CENTRELINE

1/2" DIAMETER ANCHOR BOLTS

SEE D2.8 OR D3.8 FOR TYP. ATTACHMENT DETAILS

CONCRETE BLOCKOUTS FOR LEDGER BOLTS SPACING SEE TECHNICAL MANUAL

2% SLOPE

DIMPLED MEMBRANE OR DAMPPROOF TO LOCAL BUILDING CODE

VERTICAL REBAR PLACED TO THE INSIDE FACE OF WALL

FREE DRAINING GRANULAR FILL C/W WEEPING TILE

DOWELS PER D.1.8

REFER TO LOCAL BUILDING CODES FOR FOOTING SIZES

NOTES:
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2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. HORIZONTAL AND VERTICAL REBAR OVERLAP TO BE 450 mm (18") FOR 10M AND 650 mm (26") FOR 15M.
BRICK LEDGE
FACTORED DESIGN
LOAD: 16 KN/m

1-10M CONT. EXTRA IN BRICK LEDGE

NOTES:
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
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**Advantage ICF System Specifications**

**General Product Description**

**EPS Insulation:**
Complies with CAN/ULC-S701, Type 2 and ASTM C578, Type II
Contains no CFCs, HCFCs, HFCs or formaldehyde.
ECP-Certified Insulation

**Concrete:**
20 MPa (2900 psi) at 28 days
Nominal thickness 152-mm (6") or 203-mm (8")

**Sound Transmission:**
STC Rating 50

**Fire Resistance Rating:**
3-hour rating for 152-mm (6") or 4-hour 203-mm (8") concrete wall per National Building Code of Canada 2005, Table D-2.1.1.

**Air & Vapour Barrier:**
Provided by combination of monolithic concrete thickness and EPS insulation.

**Code Evaluation Reports:**
CCMC 13101-R (Canada) and ICC-ES ESR-1578 (USA)

**Energy Efficiency - Typical Effective Thermal Resistance (R-Value):**

**Below Grade:**
Advantage ICF System @ R-22.7 (RSI - 3.99)
Note: R-Value based upon typical construction with 1/2" (127 mm) gypsum board on interior face.

**Above Grade:**
Advantage ICF System @ R-23.5 (RSI - 4.14)
Note: R-Value based upon typical construction with 1/2" (127 mm) gypsum board on interior face and vinyl or metal siding on exterior face.

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**Contact Information**

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