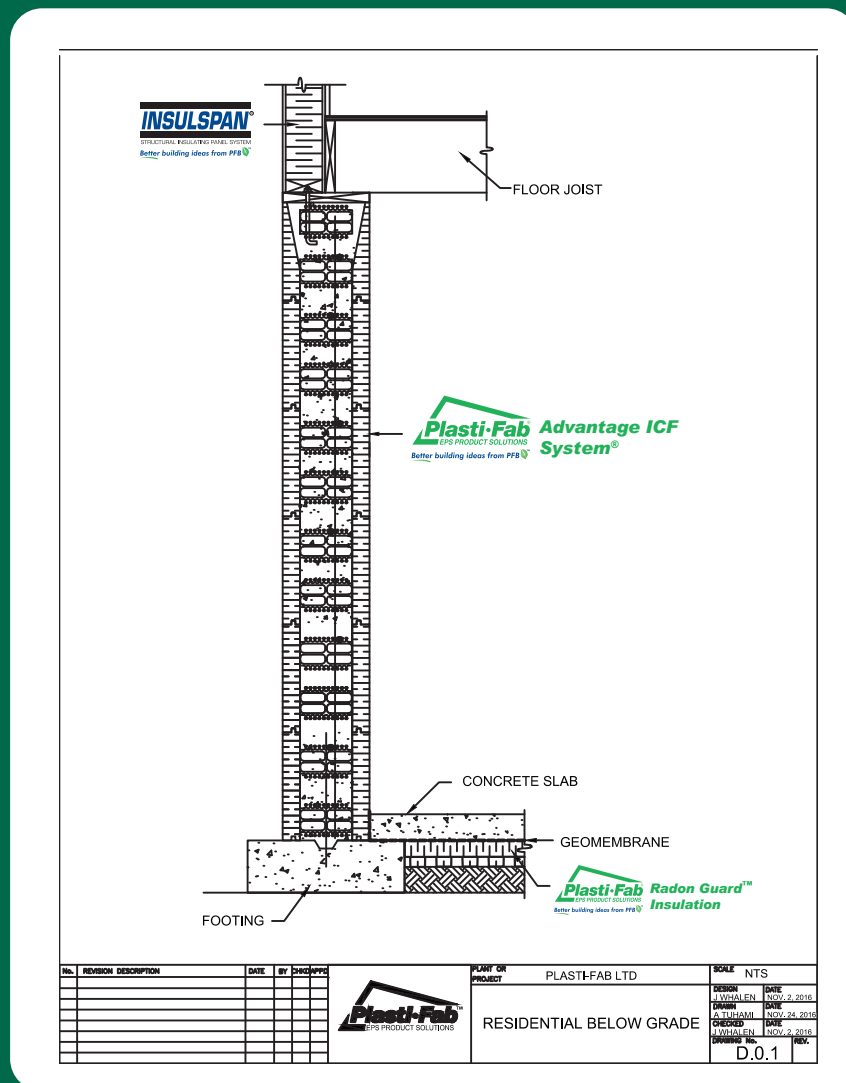


The Advantage ICF System® Installation Detail Drawings



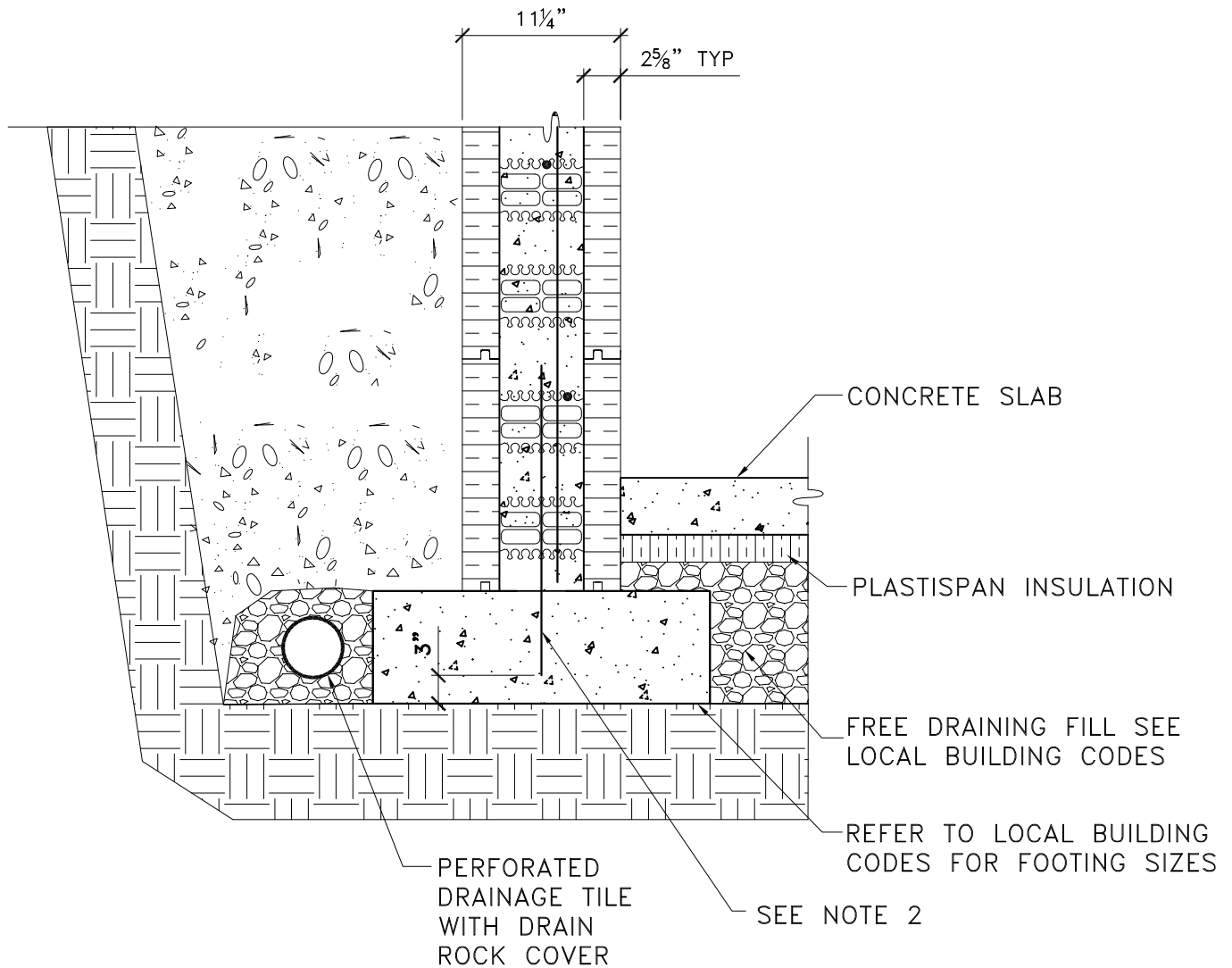
The Advantage ICF System®

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

150-mm (6") Advantage ICF Install Detail Drawing Description	Detail	Version	Page
Wall to Footing Connection Detail	D.1.6	July 2009	1
Floor Ledger with Anchor Bolts	D.2.6	July 2009	2
Floor Joist and Ledger Connectors	D.3.6	July 2009	3
Floor Joist for Wood Stud Main Floor	D.4.6	July 2009	4
Brick Angle Ledge Detail – Top of Wall	D.5.6	July 2009	5
Brick Angle Ledge Detail – Intermediate height	D5.6A	July 2009	5
Beam Pocket Details	D.6.6	July 2009	7
Full Height Column Footings to Underside of Beam	D.7.6	July 2009	8
Opening Detail	D.8.6	July 2009	9
Typical Corner Detail	D.9.6	July 2009	10
Typical "T" Wall Connection	D.10.6	July 2009	11
SIP Wall Connection	D.11.6	July 2009	12
SIP Wall Connection with Concrete Slab	D.12.6	July 2009	13
Brick Ledge Detail	D.13.6	July 2009	14
Floor Ledge Detail	D.14.6	July 2009	15
Floor Ledge Detail Plan View	D.14.6A	July 2009	16
Floor Truss Ledge Detail	D.14.6B	Oct 2009	17
Precast Concrete Floor Detail	D15.6	July 2009	18
150-mm (6") Advantage ICF Structural Detail Drawing Description			
Knee or Pony Wall	S.1.6	July 2009	19
Foundation and main Floor	S.2.6	July 2009	20
Foundation and Wood Stud Main	S.3.6	July 2009	21
Frost Wall	S.4.6	July 2009	22
Foundation, Main, 2nd Floor	S.5.6	July 2009	23
Full Height Frost Wall	S.6.6	July 2009	24
Brick Ledge Detail 6" to 6" Walls	S.7.6	July 2009	25
200-mm (8") Advantage ICF Installation Detail Drawing Description			
Wall to Footing Connection Detail	D.1.8	July 2009	26
Floor Ledger with Anchor Bolts	D.2.8	July 2009	27
Floor Joist and Ledger Connectors	D.3.8	July 2009	28
Floor Joist for Wood Stud Main Floor	D.4.8	July 2009	29
Brick Angle Ledge Detail – Top of Wall	D.5.8	July 2009	30
Brick Angle Ledge Detail – Intermediate height	D5.8A	July 2009	31
Beam Pocket Details	D.6.8	July 2009	32
Full Height Column Footings to Underside of Beam	D.7.8	July 2009	33
Opening Detail	D.8.8	July 2009	34
Typical Corner Detail	D.9.8	July 2009	35
Typical "T" Wall Connection	D.10.8	July 2009	36
SIP Wall Connection	D.11.8	July 2009	37
SIP Wall Connection with Concrete Slab	D.12.8	July 2009	38
Brick Ledge Detail	D.13.8	July 2009	39
Floor Ledge Detail	D.14.8	July 2009	40
Floor Ledge Detail Plan View	D.14.8A	July 2009	41
Floor Truss Ledge Detail	D.14.8B	Oct 2009	42
Precast Concrete Floor Detail	D15.8	July 2009	43
200-mm (8") Advantage ICF Structural Detail Drawing Description			
Knee or Pony Wall	S.1.8	July 2009	44
Foundation and main Floor	S.2.8	July 2009	45
Foundation and Wood Stud Main	S.3.8	July 2009	46
Frost Wall	S.4.8	July 2009	47
Foundation, Main, 2nd Floor	S.5.8	July 2009	48
Full Height Frost Wall	S.6.8	July 2009	49
Brick Ledge Detail 8" to 8" Walls	S.7.8	July 2009	50
Brick Ledge Detail 8" to 6" Walls	S.7.8A	July 2009	51



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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



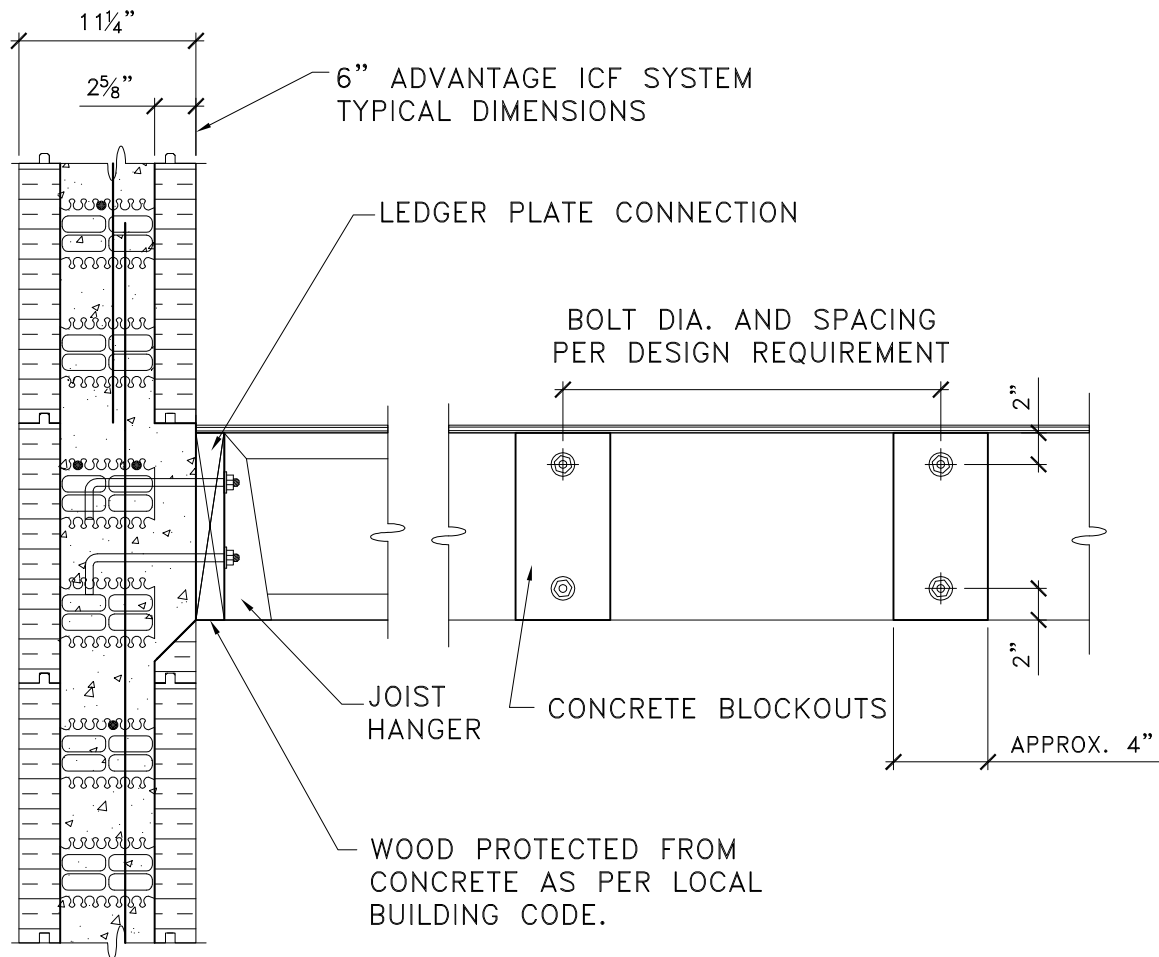
PLANT OR PROJECT **6" ADVANTAGE ICF SYSTEM**

WALL TO FOOTING CONNECTION DETAIL

SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.1.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD

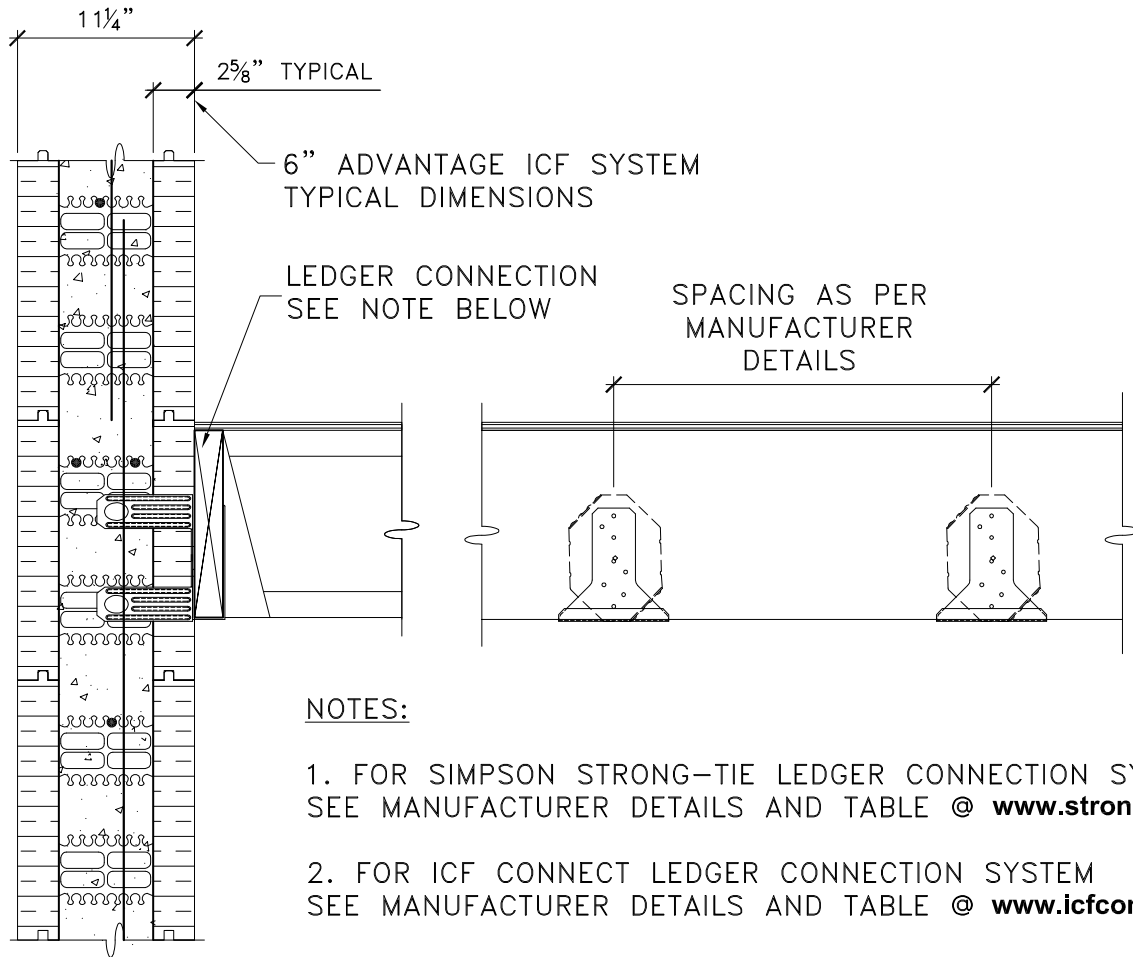


PLANT OR
PROJECT 6" ADVANTAGE ICF SYSTEM

**FLOOR LEDGER
WITH ANCHOR
BOLTS**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.
D.2.6	



No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD

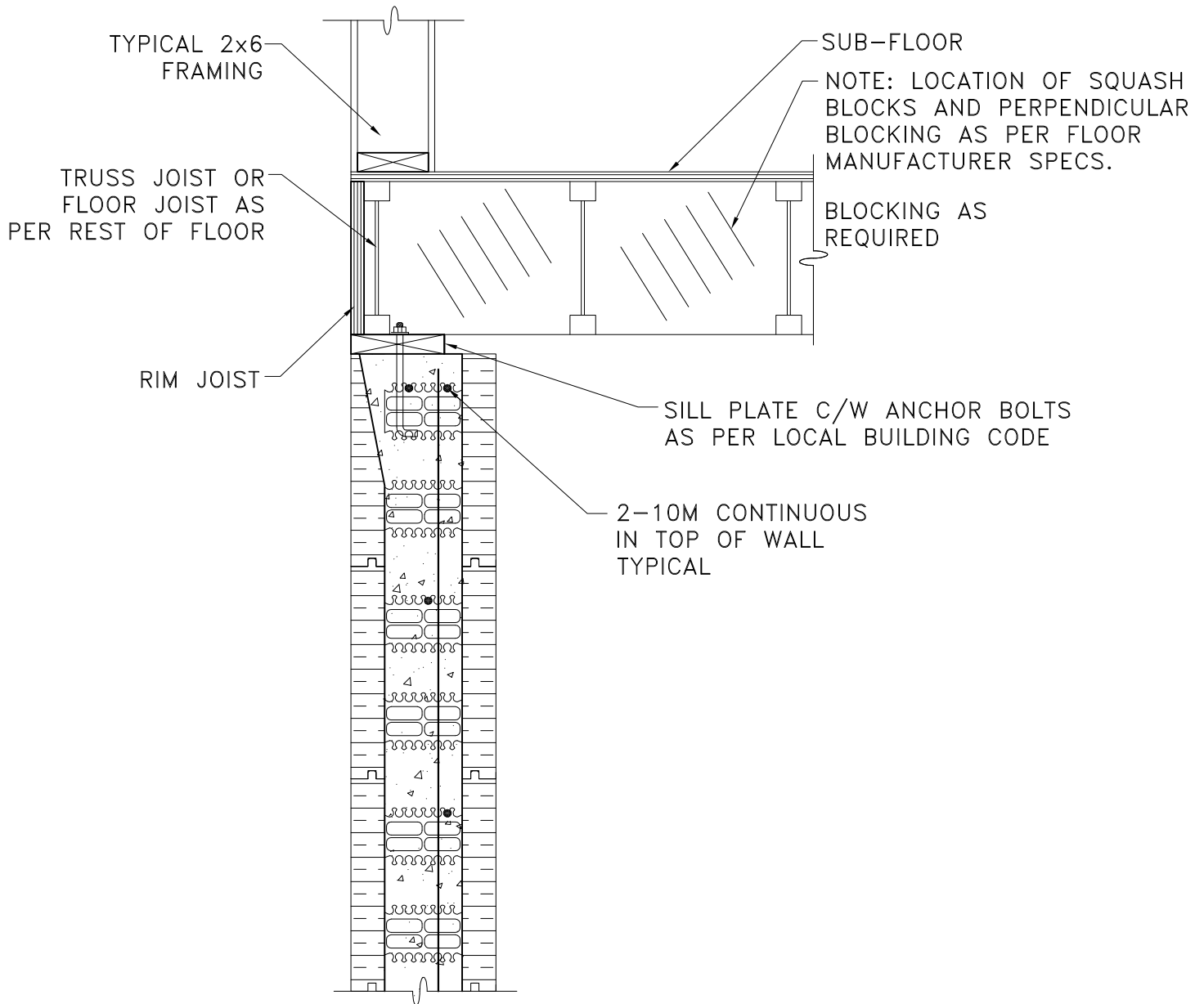


PLANT OR PROJECT **6" ADVANTAGE ICF SYSTEM**

FLOOR JOIST AND LEDGER CONNECTORS

SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No. D.3.6	REV.



No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



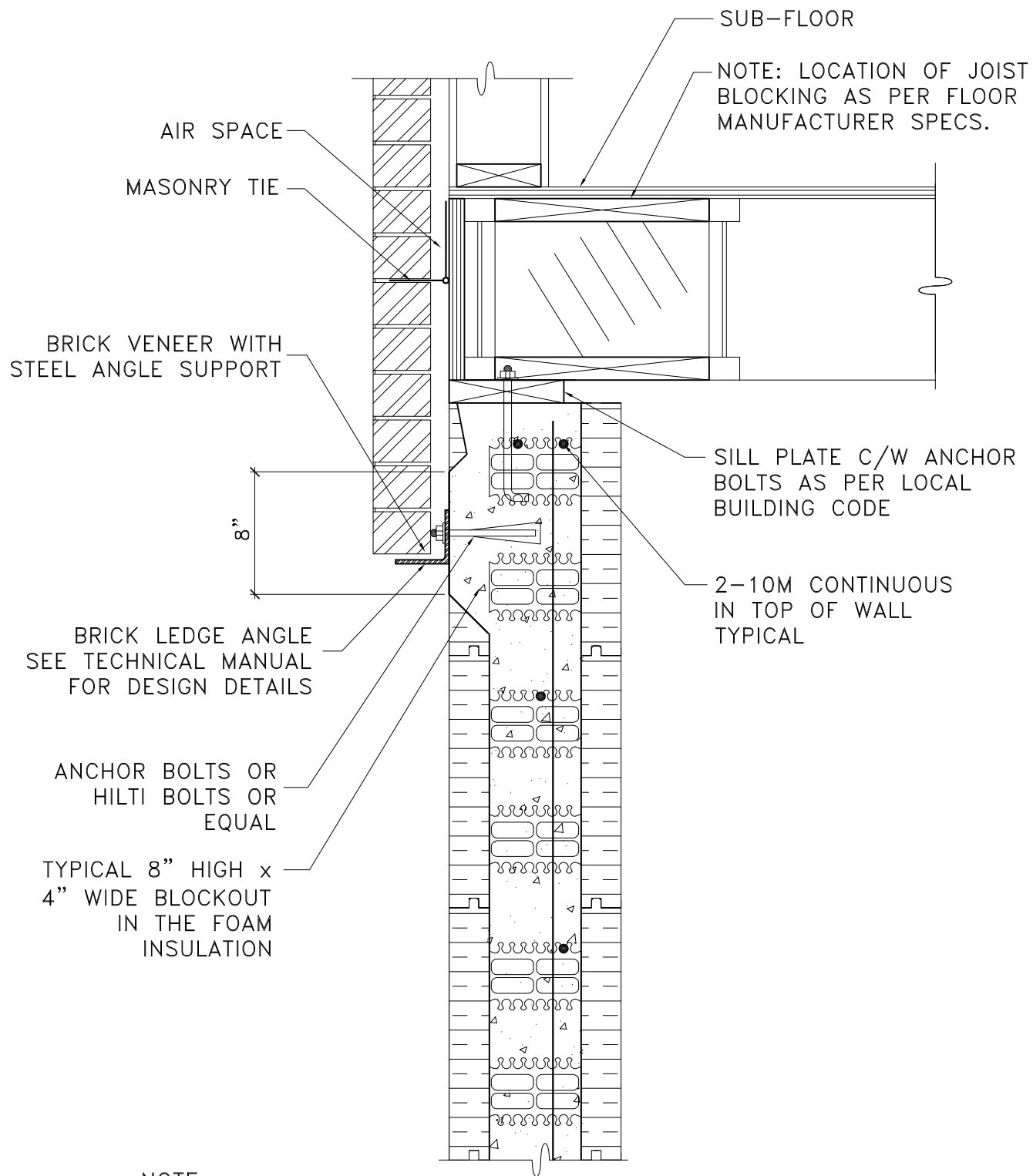
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

FLOOR JOIST FOR WOOD STUD MAIN FLOOR

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.4.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



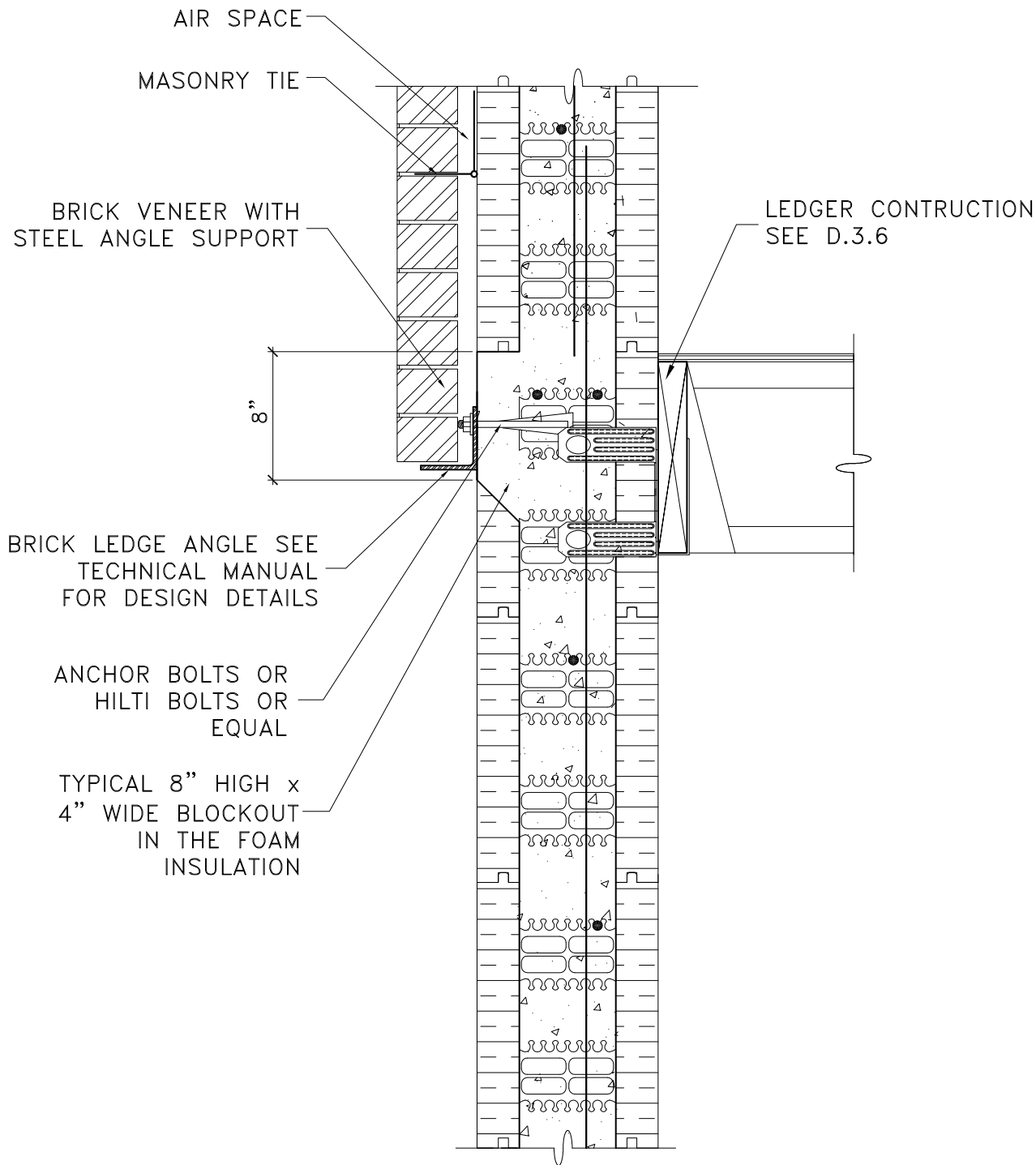
PLANT OR
PROJECT **6" ADVANTAGE ICF SYSTEM**

BRICK ANGLE LEDGE DETAIL - TOP OF WALL

SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.5.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



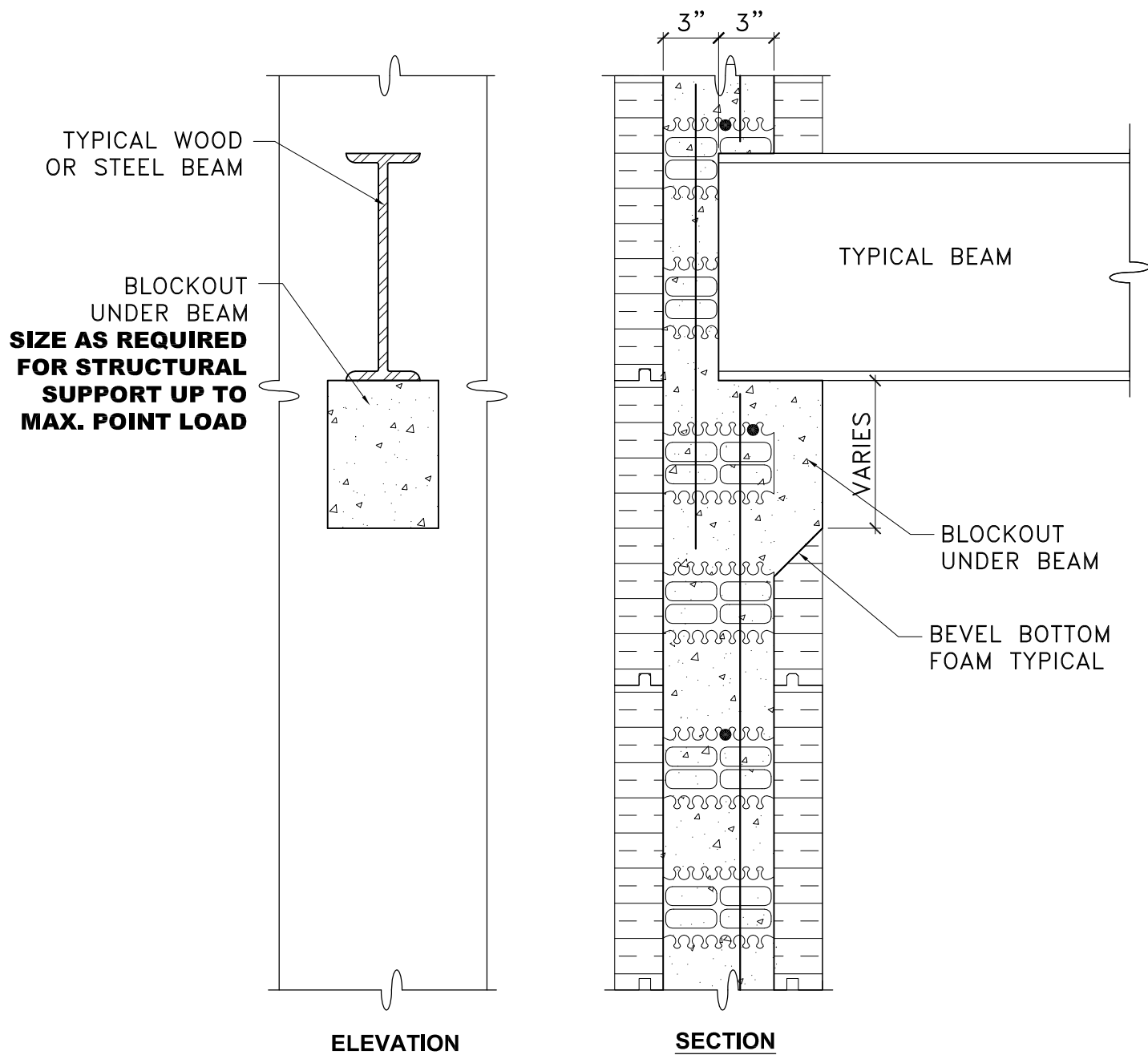
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

BRICK ANGLE LEDGE DETAIL - INTERMEDIATE HEIGHT

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.5.6A



NOTE:

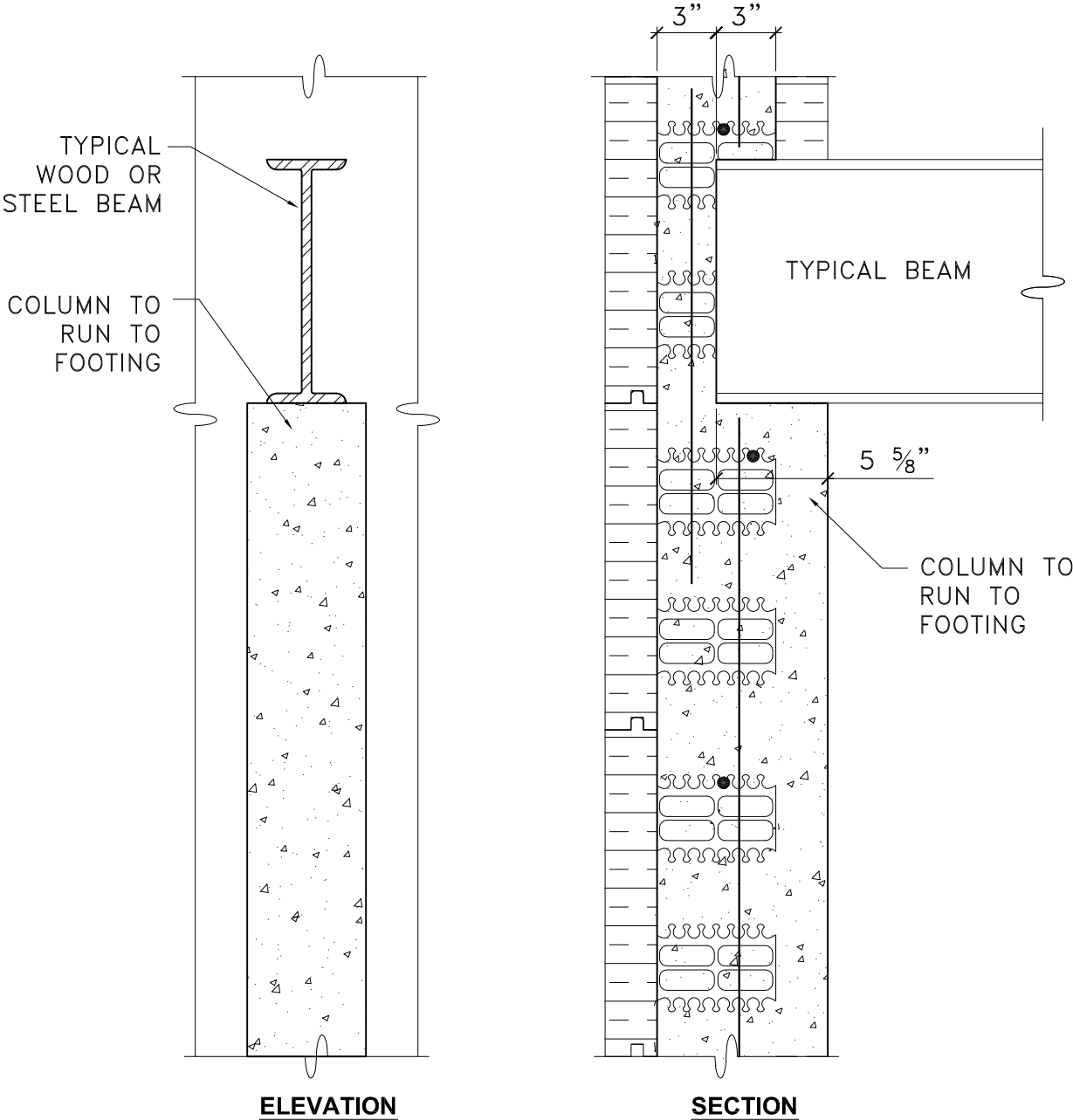
1. DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF SYSTEM TECHNICAL & INSTALLATION MANUAL.
2. WOOD BEAMS MAY NEED TO BE PROTECTED SEE LOCAL BUILDING CODE OR FLOOR MANUFACTURER'S SPECIFICATIONS.
3. ENGINEER TO CONFIRM BEARING CAPACITY REQUIRED FOR SPECIFIC BEAMS.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM		SCALE NTS	
BEAM POCKET DETAILS		DESIGN G DOREN	DATE JULY, 08
		DRAWN L XIE	DATE JULY, 08
		CHECKED J WHALEN	DATE JULY, 08
		DRAWING No.	REV.
		D.6.6	

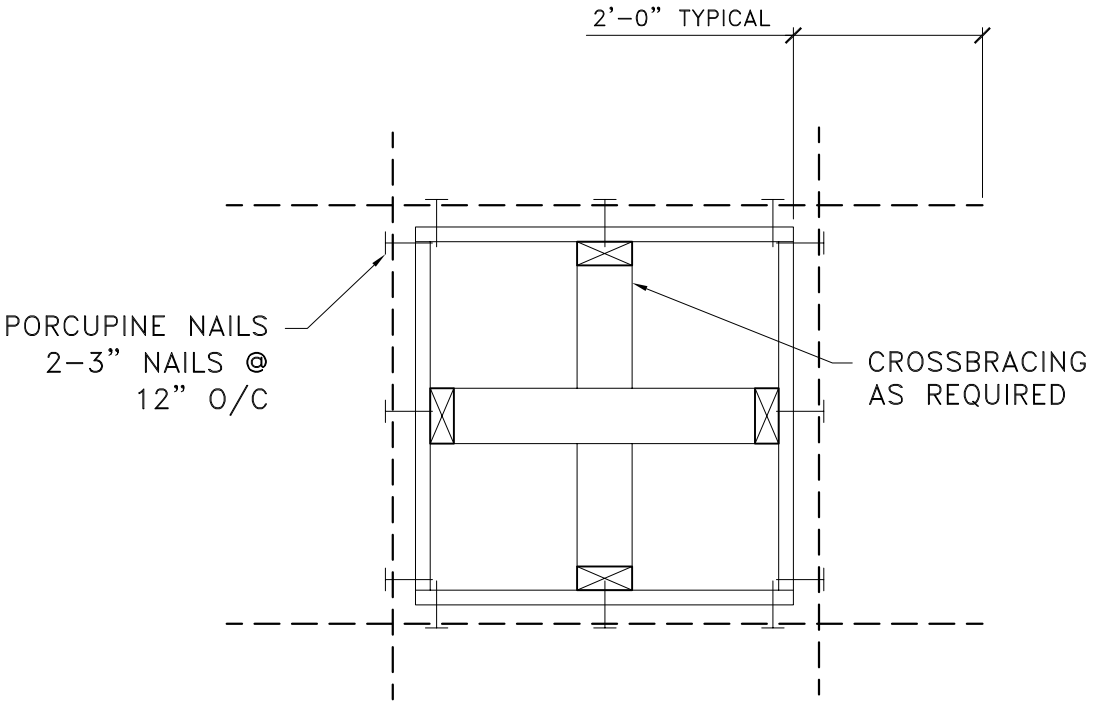
NOTE:
COLUMN DIMENSIONS AS REQUIRED BY ENGINEER



- 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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD	PLANT OR PROJECT	SCALE
						6" ADVANTAGE ICF SYSTEM	NTS
						FULL HEIGHT COLUMN FOOTINGS TO UNDERSIDE OF BEAM	DESIGN G DOREN
							DATE JULY, 09
							DRAWN L XIE
							DATE JULY, 09
							CHECKED J WHALEN
							DATE JULY, 09
							DRAWING No.
							REV.
							D.7.6



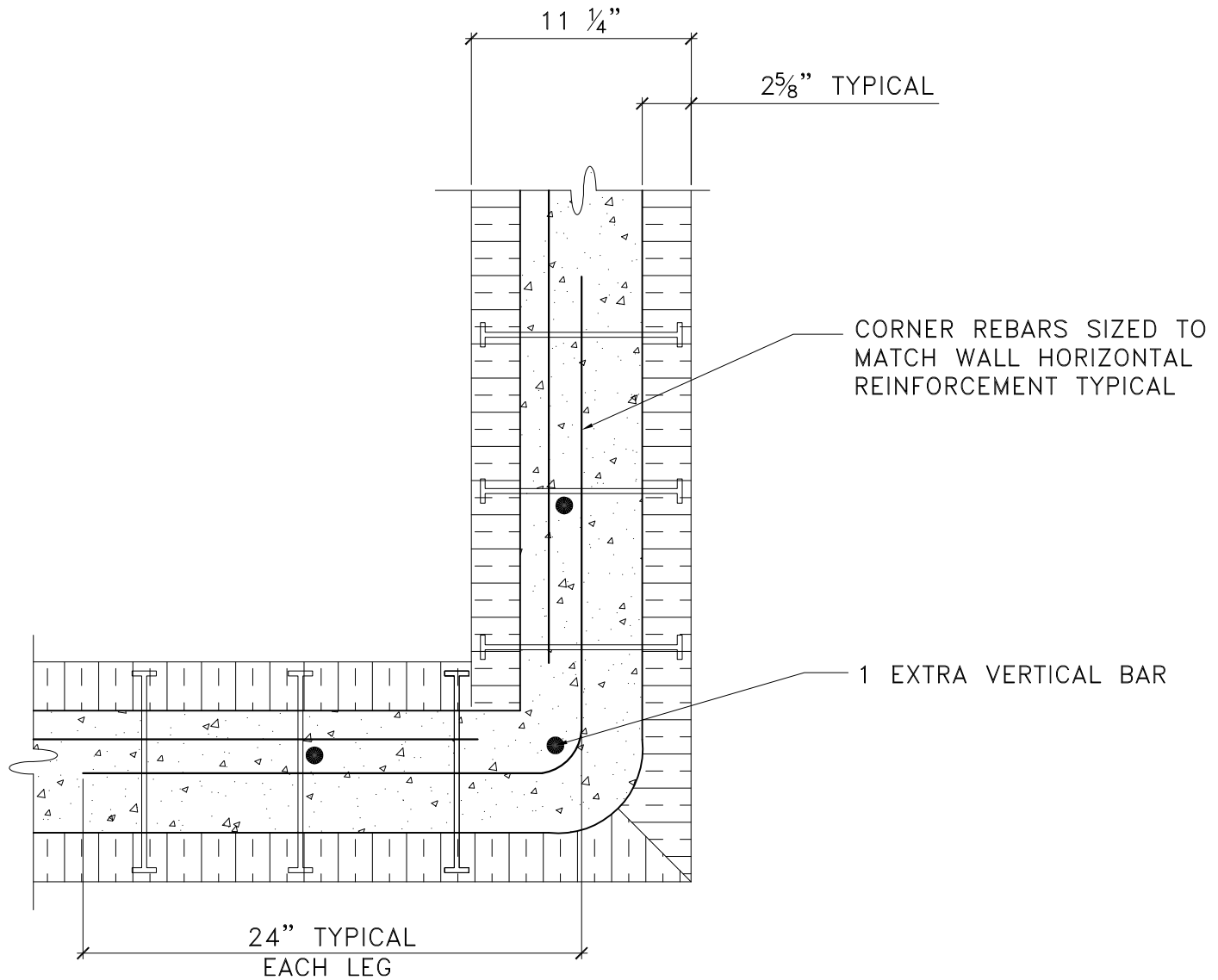


NOTES:

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.

No.	REVISION	DESCRIPTION	DATE	BY	CHKD	APPD	 ADVANTAGE ICF SYSTEM®	PLANT OR PROJECT	6" ADVANTAGE ICF SYSTEM	SCALE	NTS	
										DESIGN	DATE	
										G DOREN	JULY, 09	
										DRAWN	DATE	
										L XIE	JULY, 09	
										CHECKED	DATE	
									J WHALEN	JULY, 09		
									DRAWING No.		REV.	
									D.8.6			





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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



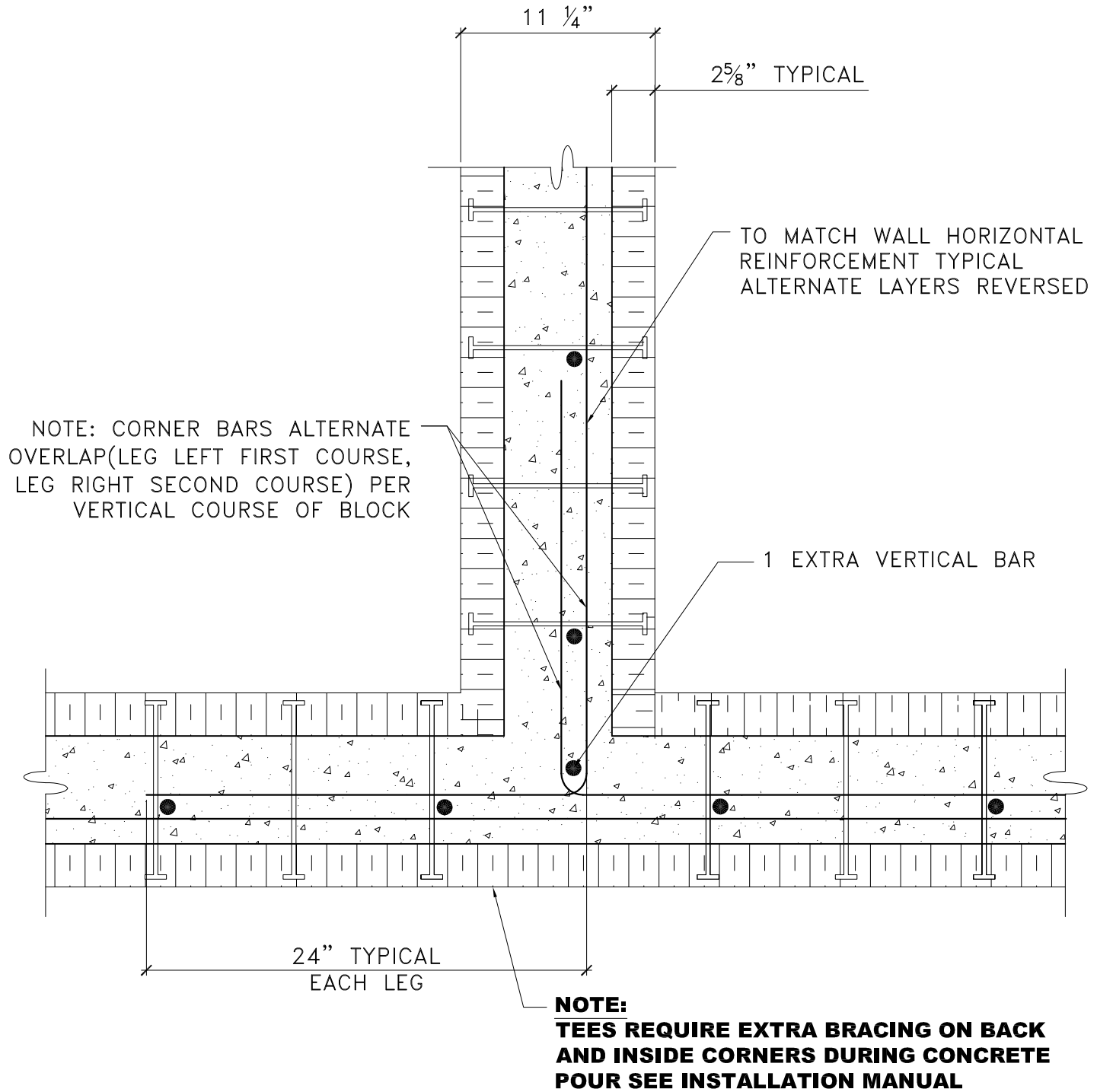
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

TYPICAL CORNER DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.9.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



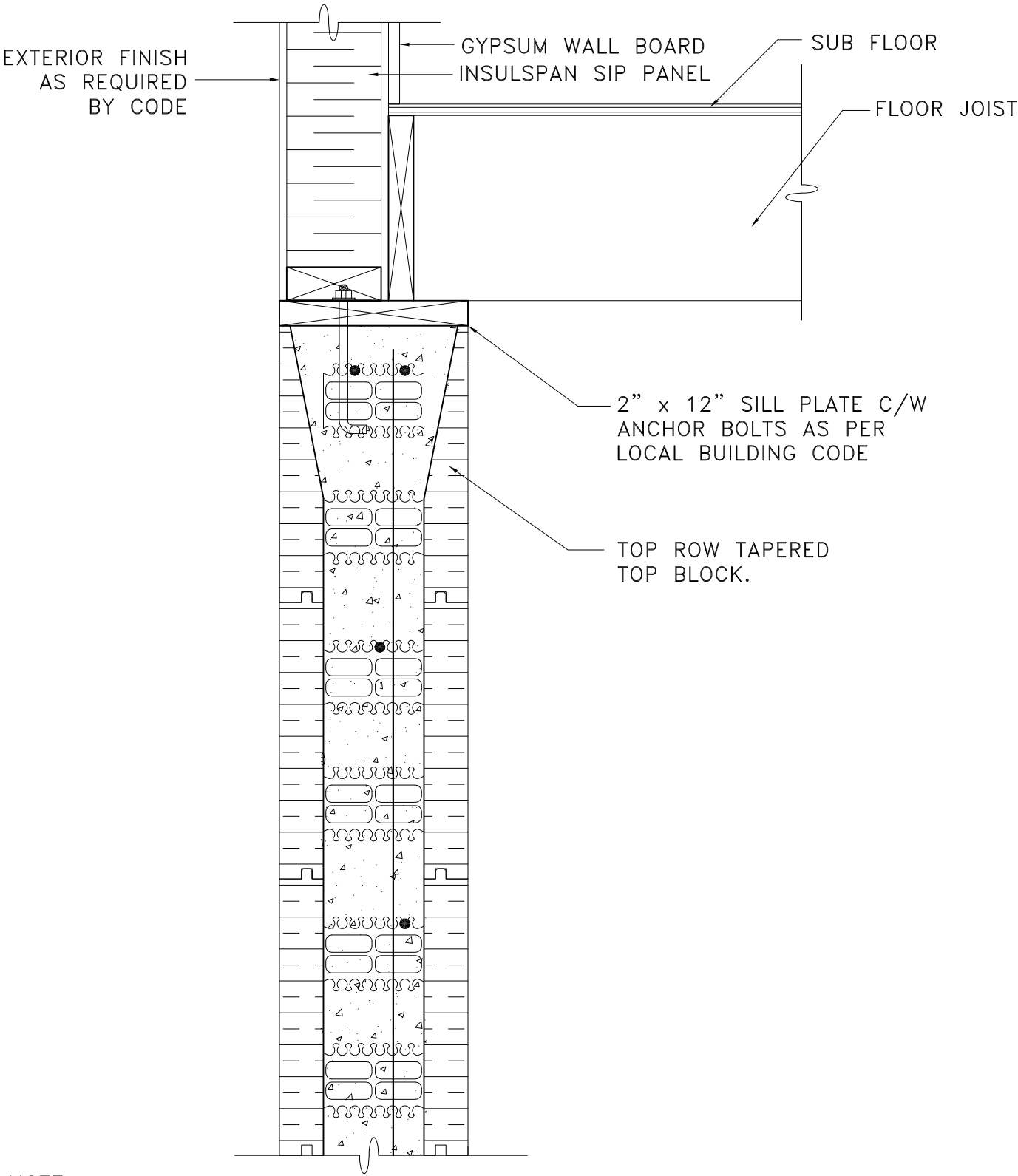
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

TYPICAL "T" INTERSECTION

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.10.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



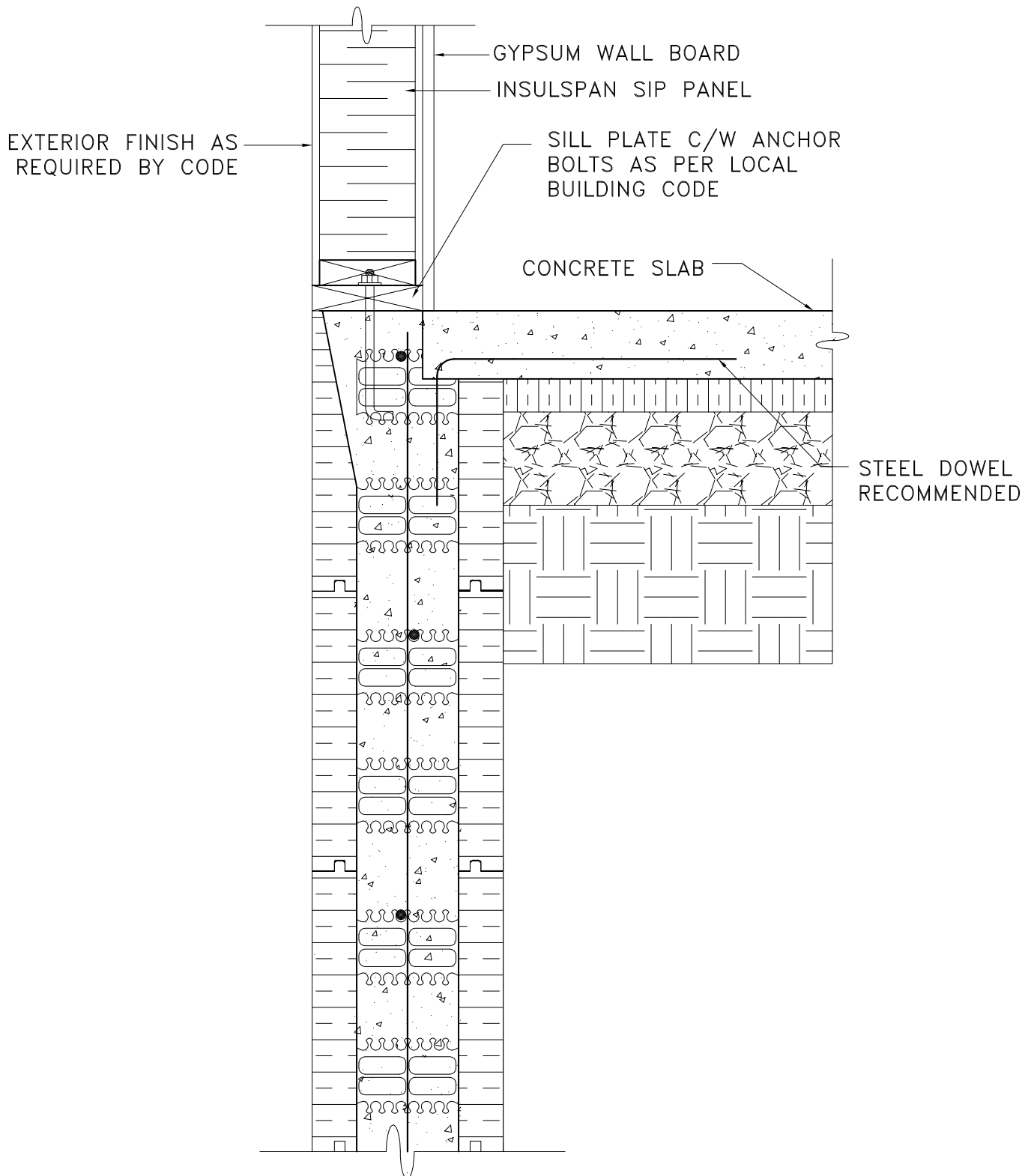
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

SIP WALL CONNECTION

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.11.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



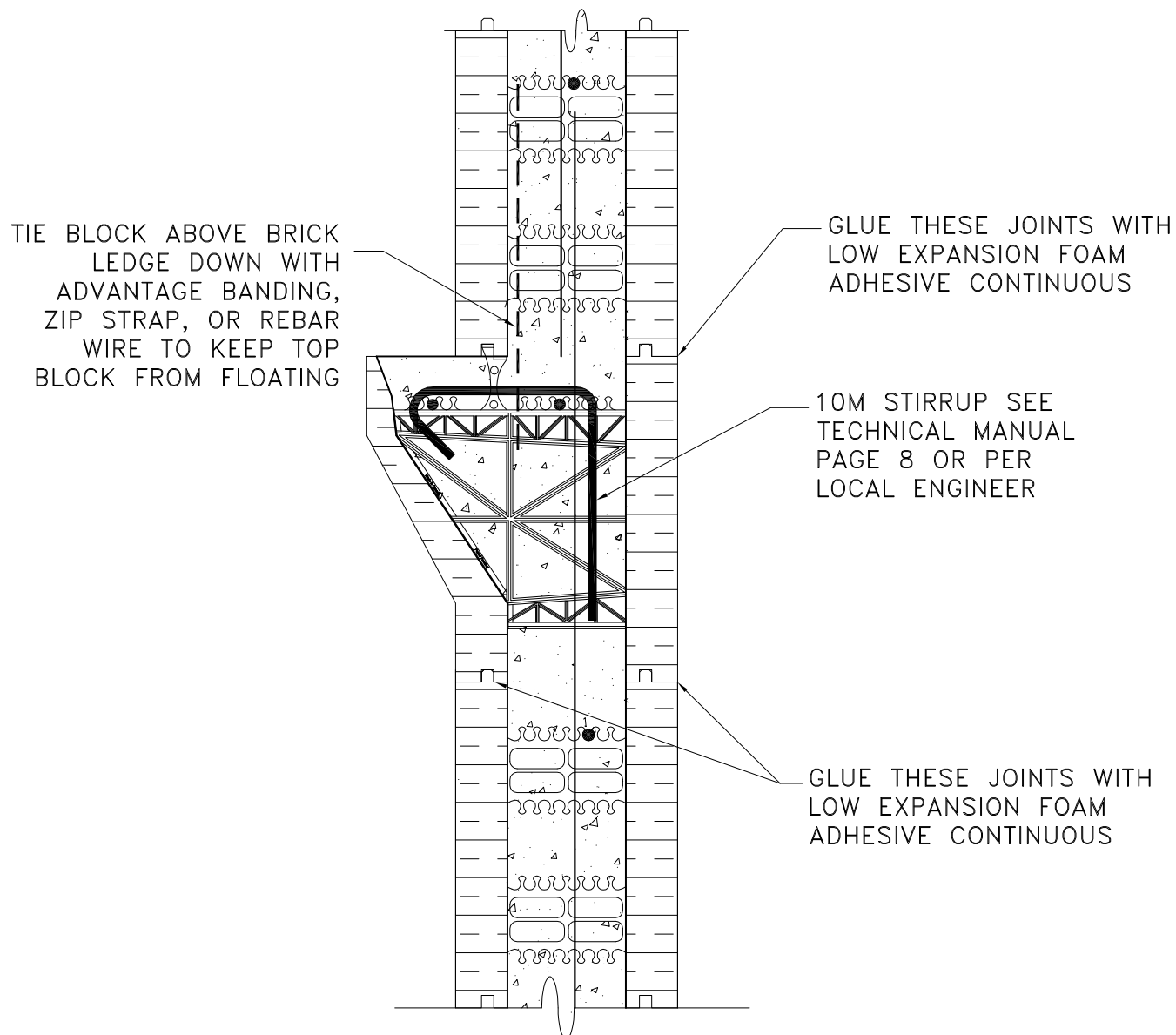
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

**SIP WALL CONNECTION
WITH CONCRETE SLAB**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.12.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT **6" ADVANTAGE ICF SYSTEM**

BRICK LEDGE DETAIL

SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.13.6

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



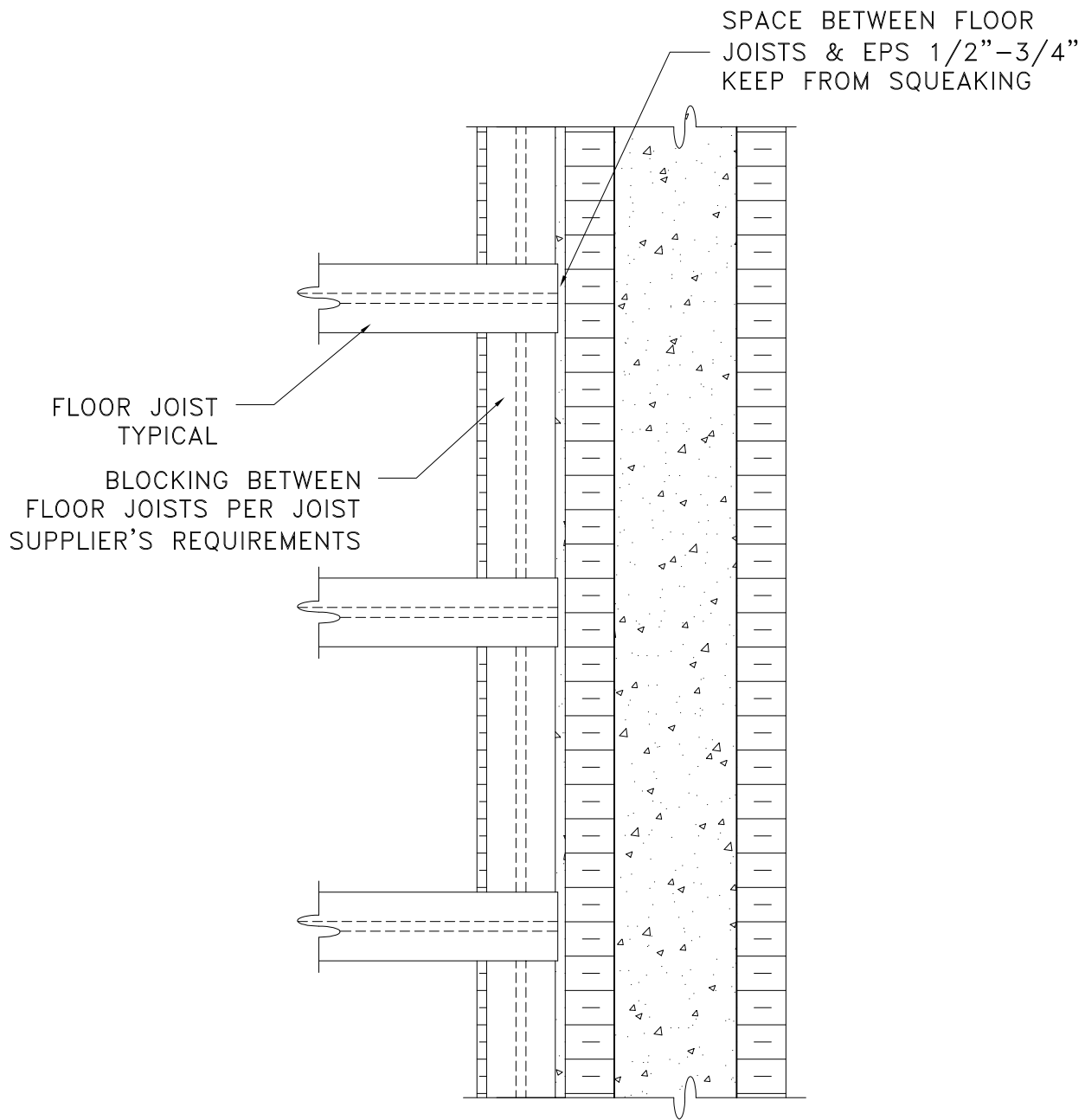
PLANT OR
PROJECT **6" ADVANTAGE ICF SYSTEM**

FLOOR LEDGE DETAIL

SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.14.6



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

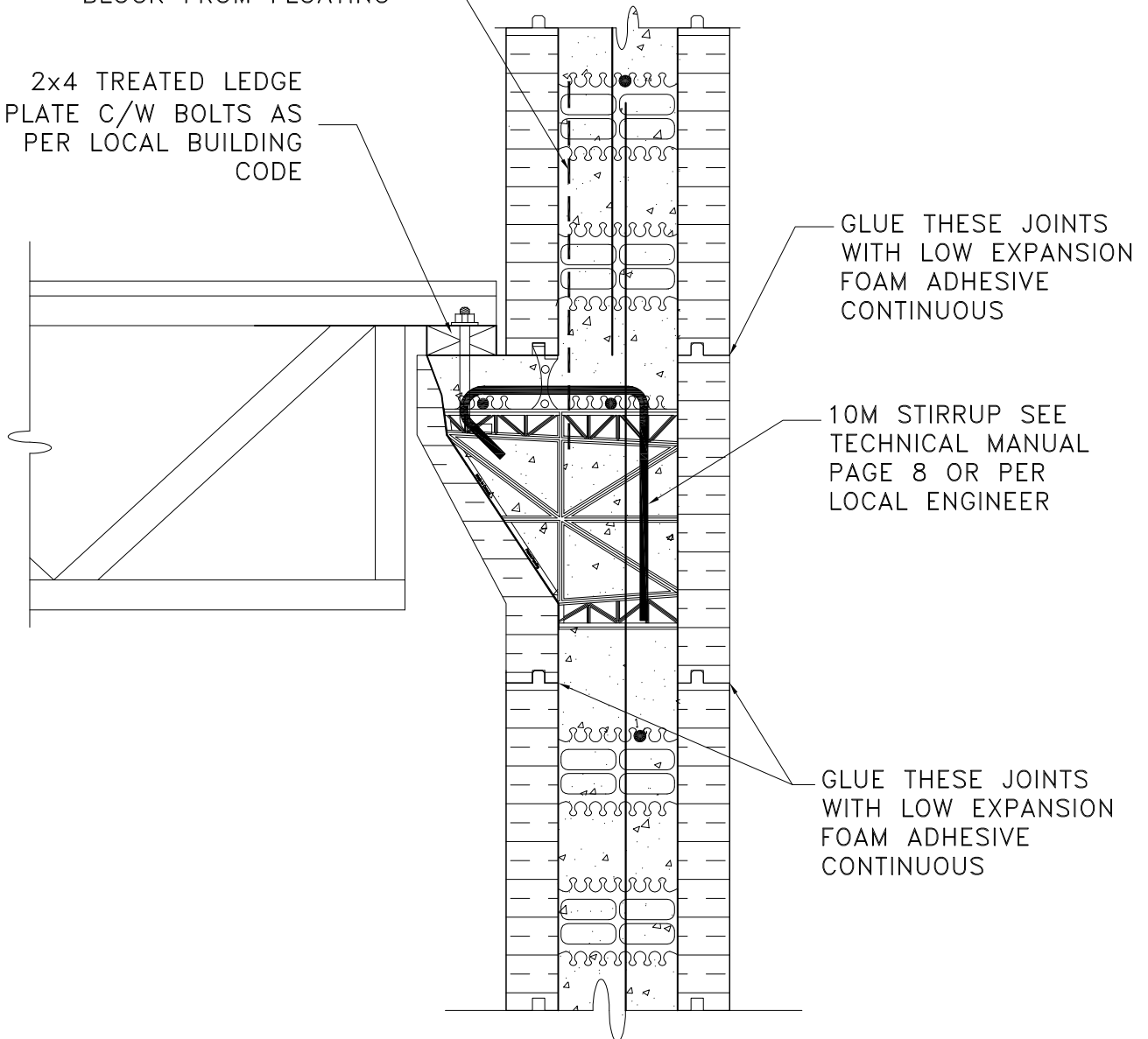
FLOOR LEDGE DETAIL PLAN VIEW

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.
D.14.6A	

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD

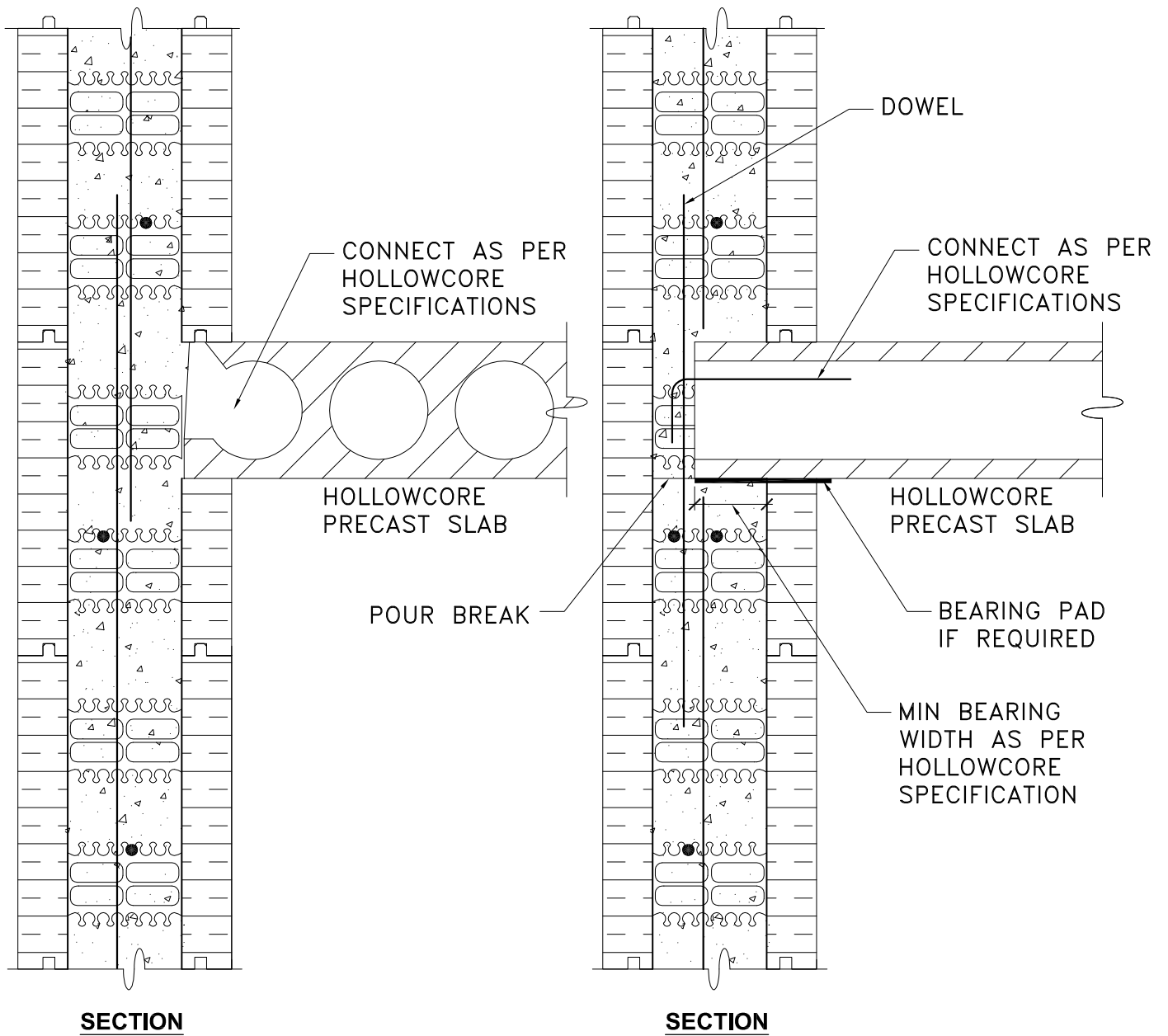


PLANT OR
PROJECT **6" ADVANTAGE ICF SYSTEM**

**FLOOR TRUSS
LEDGE DETAIL**

SCALE **NTS**

DESIGN G DOREN	DATE OCT, 09
DRAWN L XIE	DATE OCT, 09
CHECKED J WHALEN	DATE OCT, 09
DRAWING No. D.14.6B	REV.

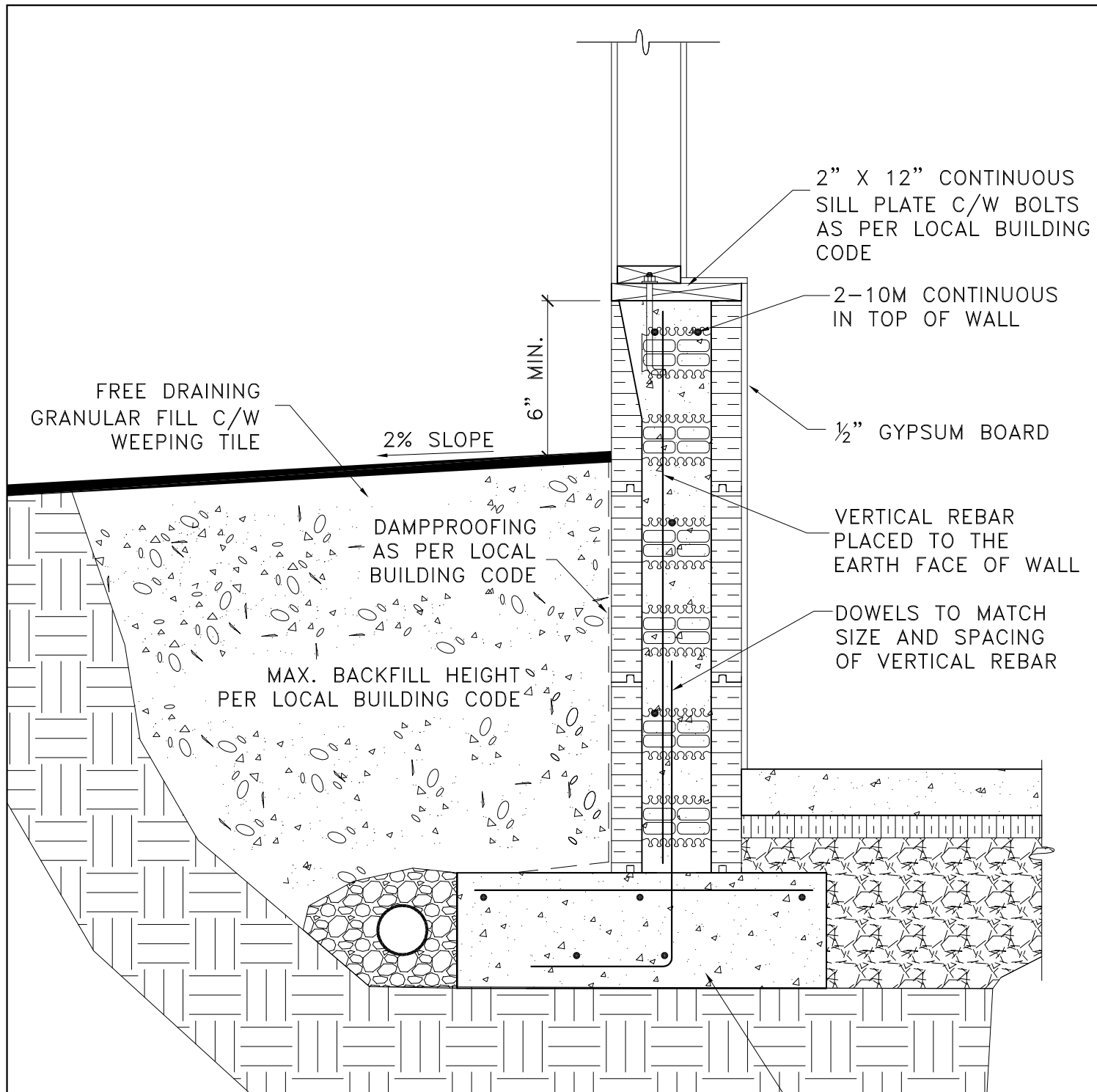


NOTE:
 DETAIL TO BE USED IN CONJUNCTION WITH ADVANTAGE ICF
 SYSTEM TECHNICAL & INSTALLATION MANUAL

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM		SCALE NTS	
DESIGN G DOREN	DATE JULY, 09	PRECAST CONCRETE FLOOR DETAIL D.15.6	
DRAWN L XIE	DATE JULY, 09		
CHECKED J WHALEN	DATE JULY, 09		
DRAWING No.	REV.		

**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.

REFER TO LOCAL BUILDING CODES FOR FOOTING SIZES

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



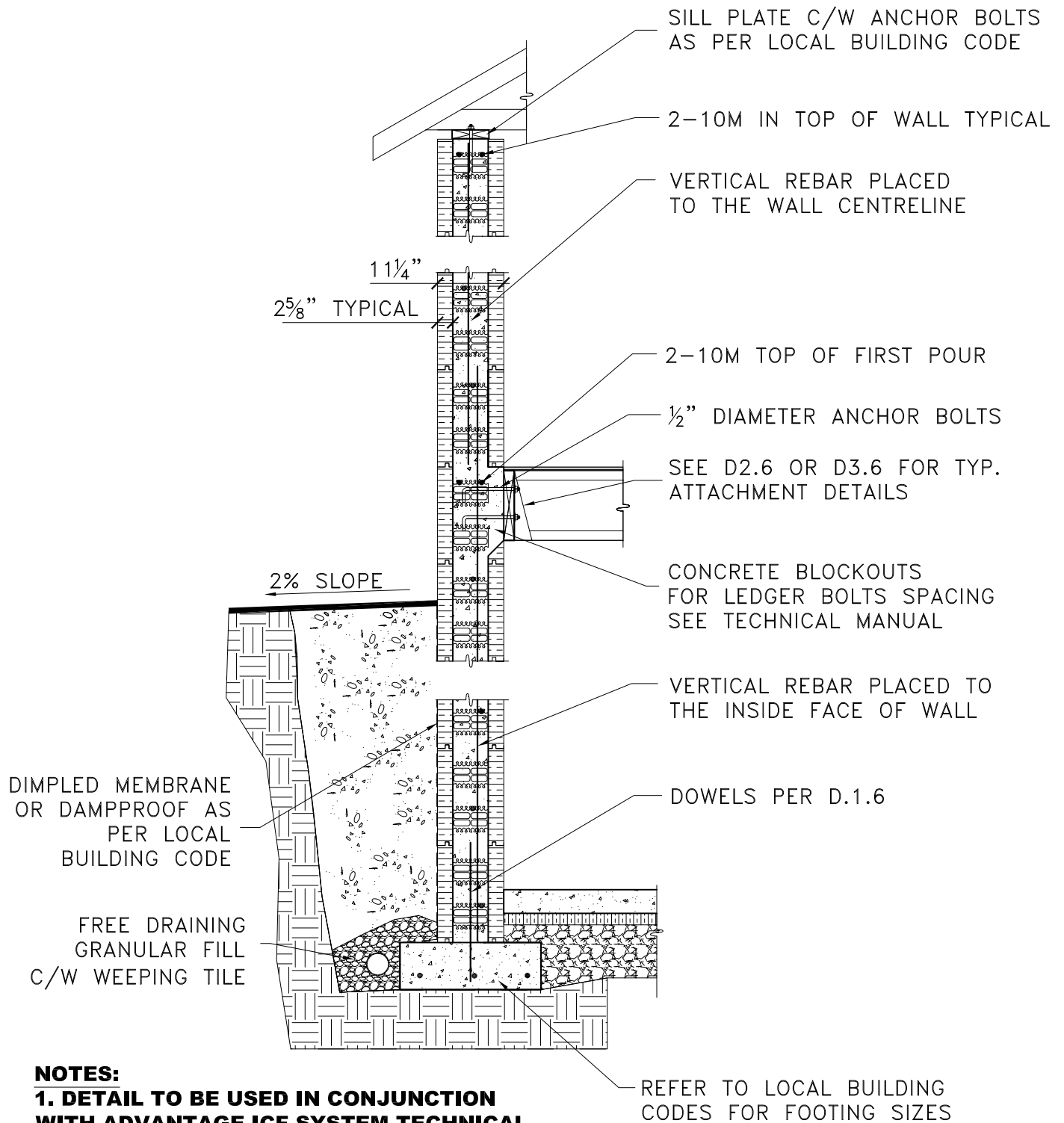
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

KNEE OR PONY WALL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.1.6



No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



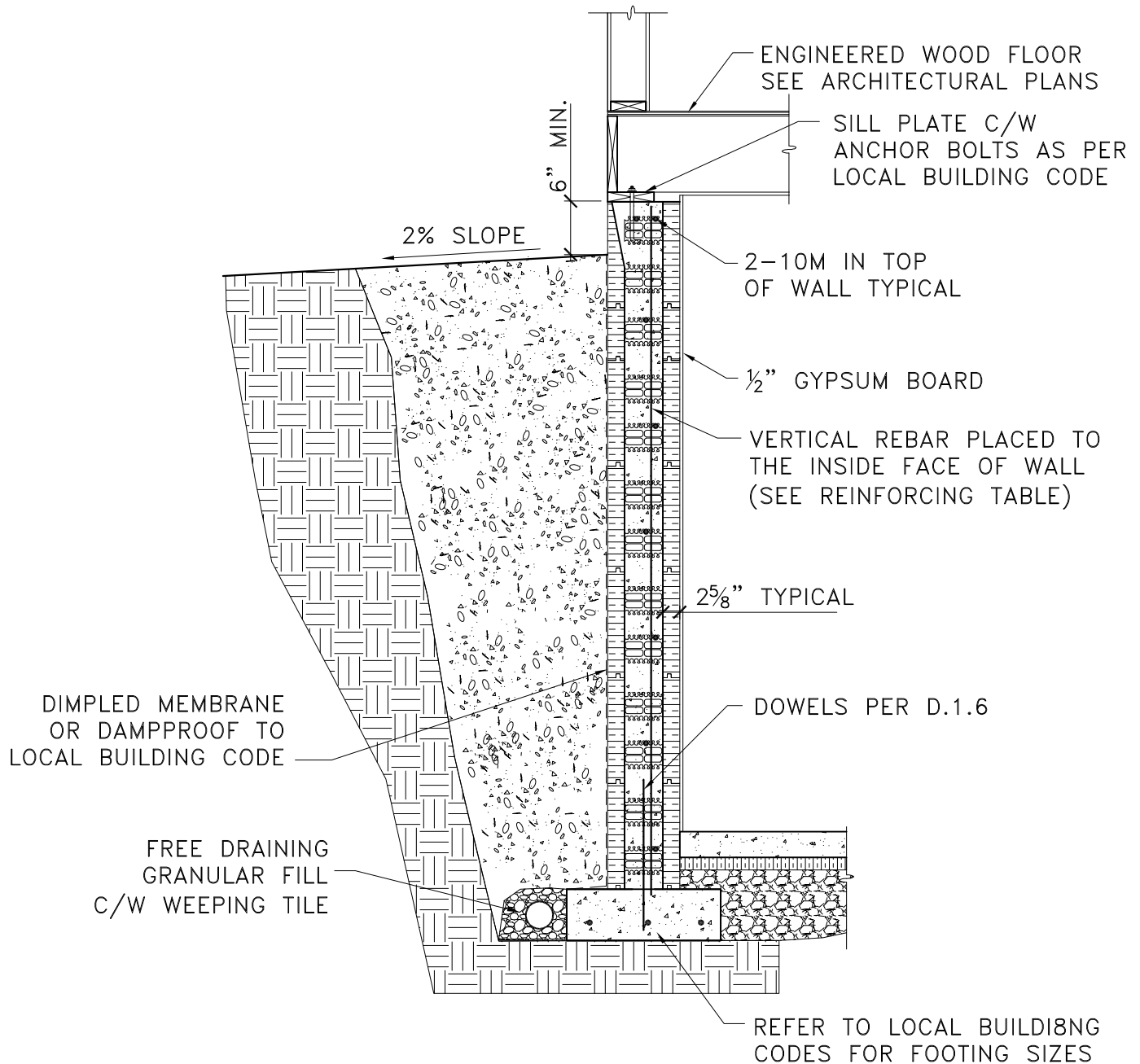
PLANT OR
PROJECT 6" ADVANTAGE ICF SYSTEM

**FOUNDATION AND
MAIN FLOOR**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.2.6

**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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



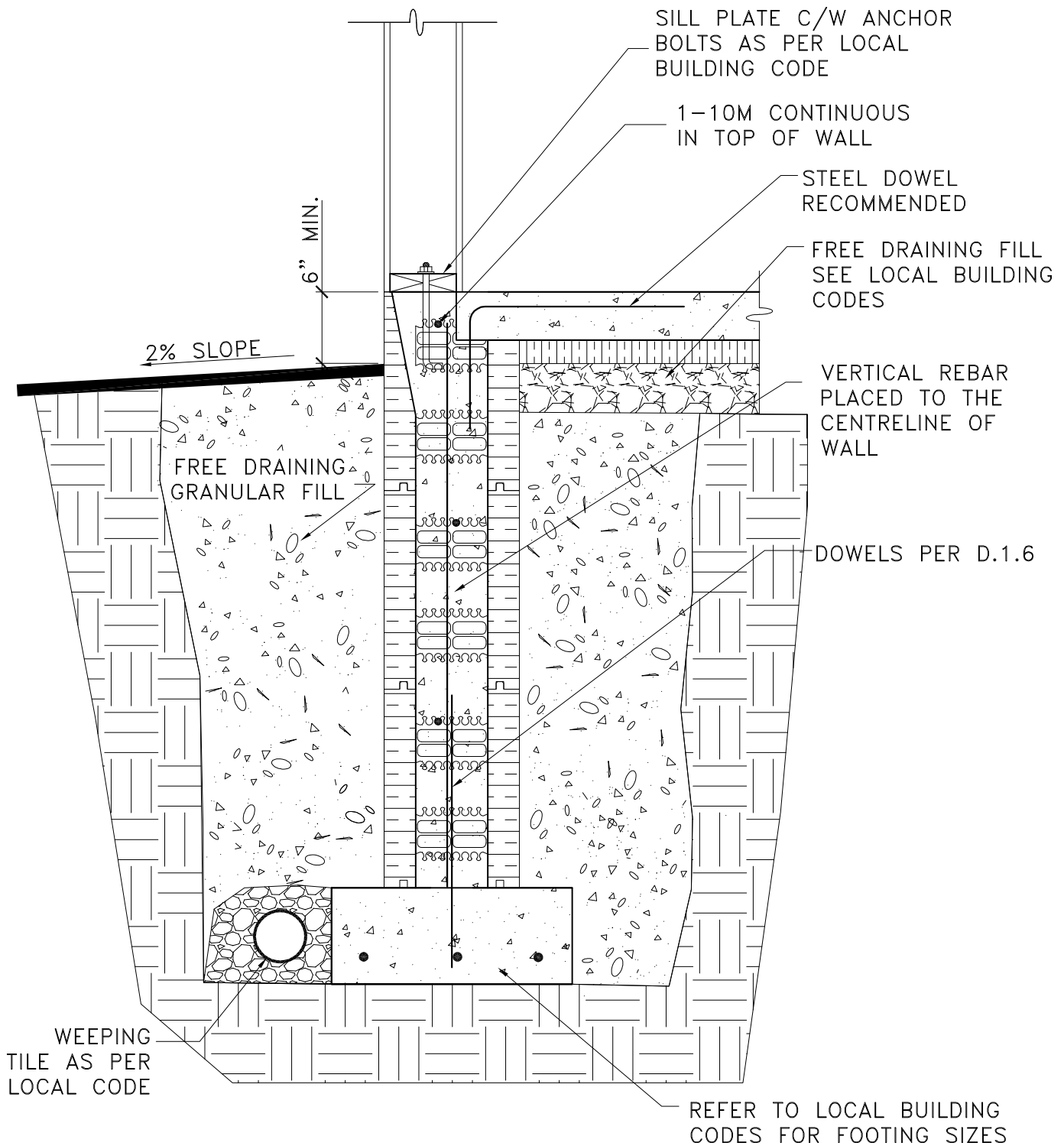
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

FOUNDATION AND
WOOD STUD MAIN

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.3.6

**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.**

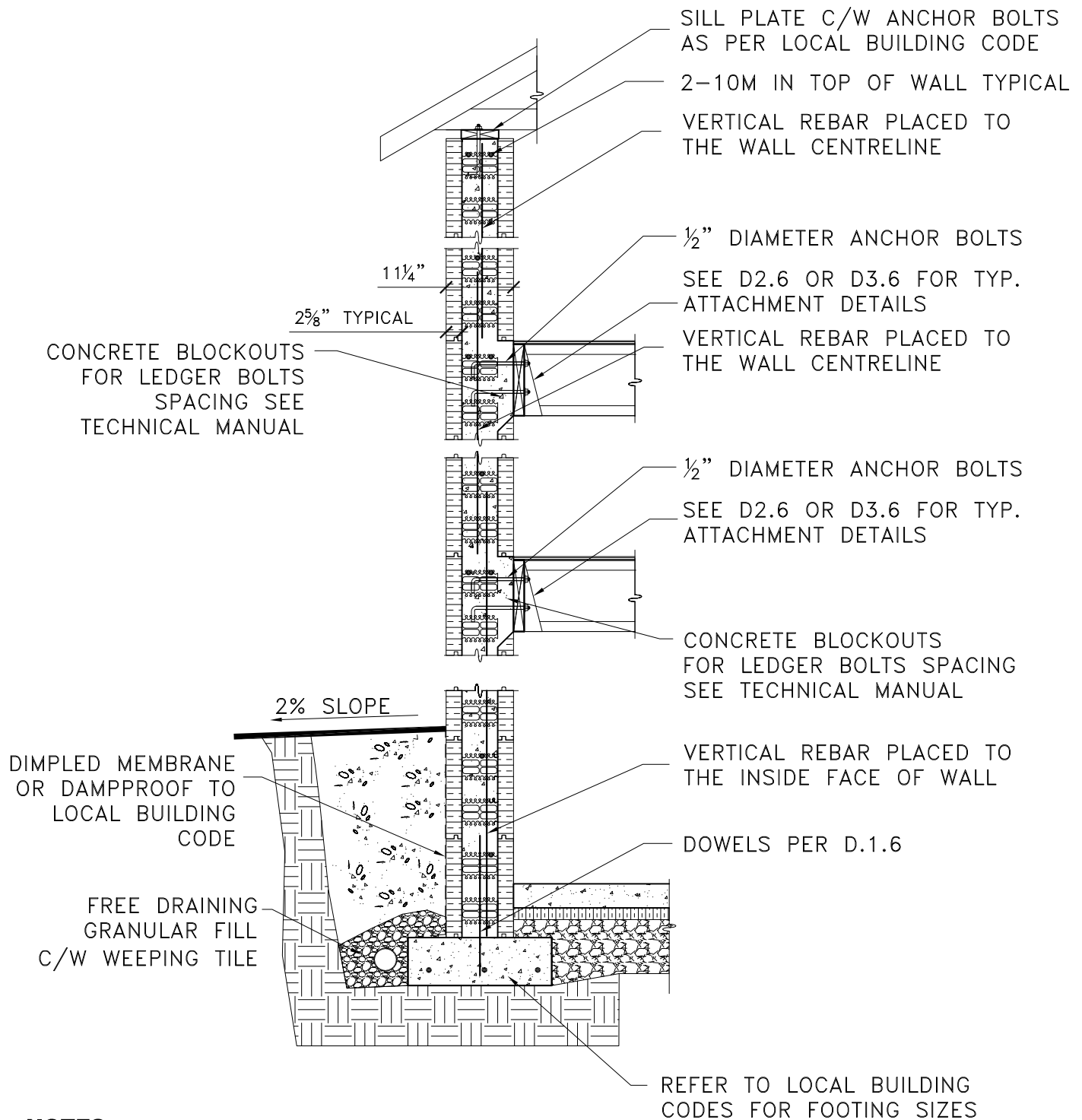
No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD


 PLANT OR PROJECT **6" ADVANTAGE ICF SYSTEM**
FROST WALL

 SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.4.6

**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.**

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



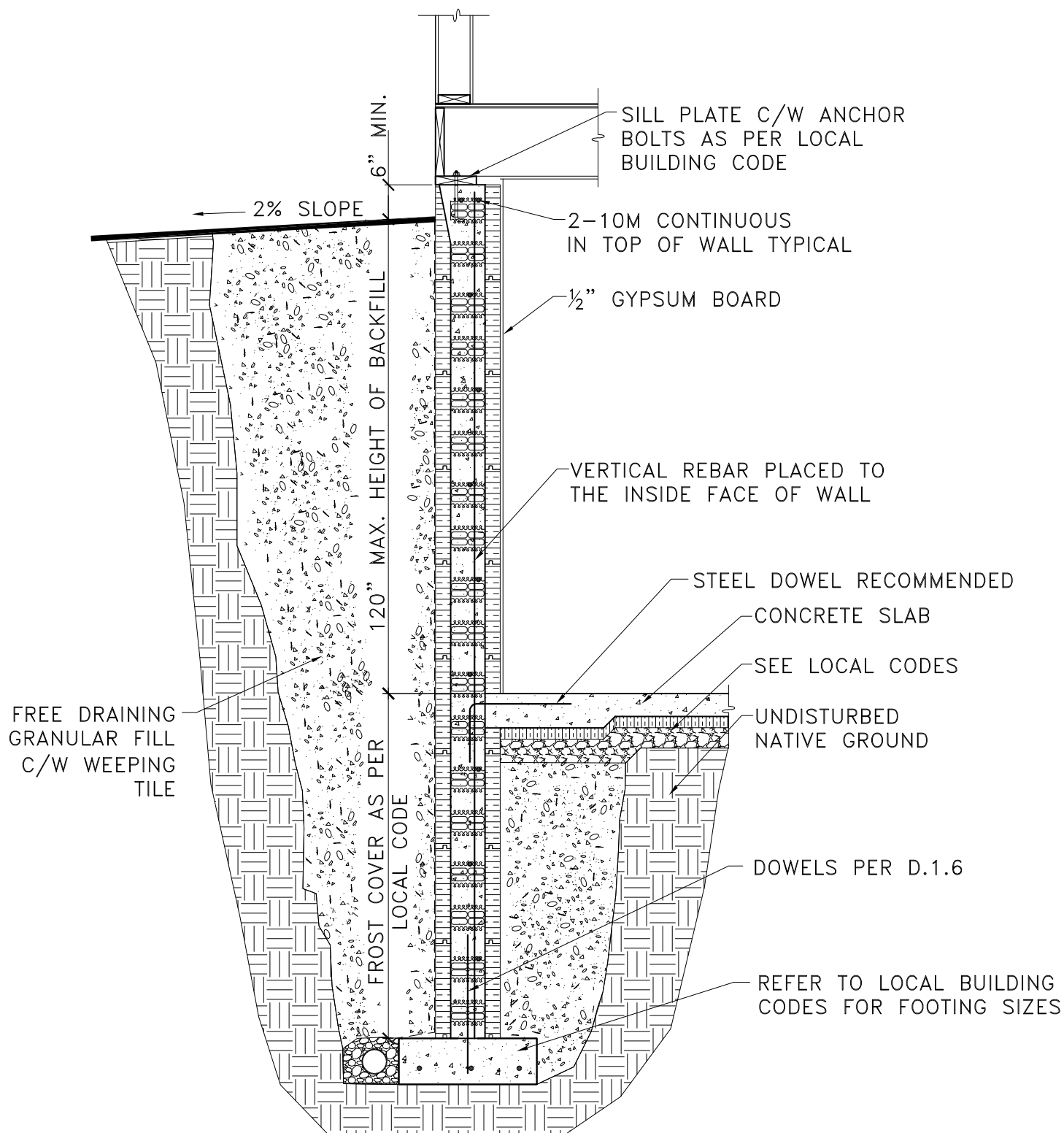
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

**FOUNDATION, MAIN,
2ND FLOOR**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.5.6



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.**

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



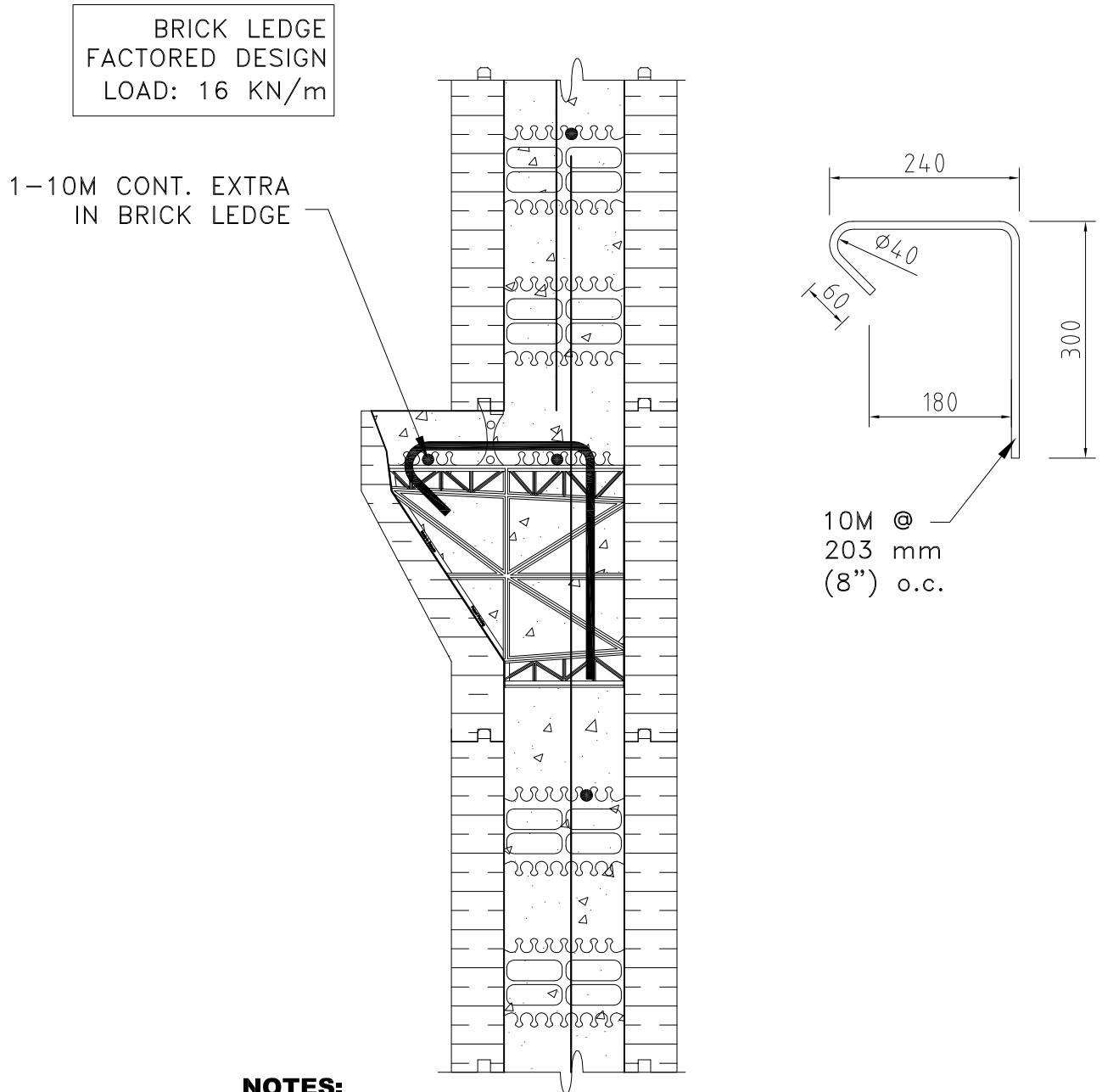
PLANT OR PROJECT	6" ADVANTAGE ICF SYSTEM
------------------	-------------------------

FULL HEIGHT FROST WALL

SCALE	NTS
-------	-----

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV

S.6.6

**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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



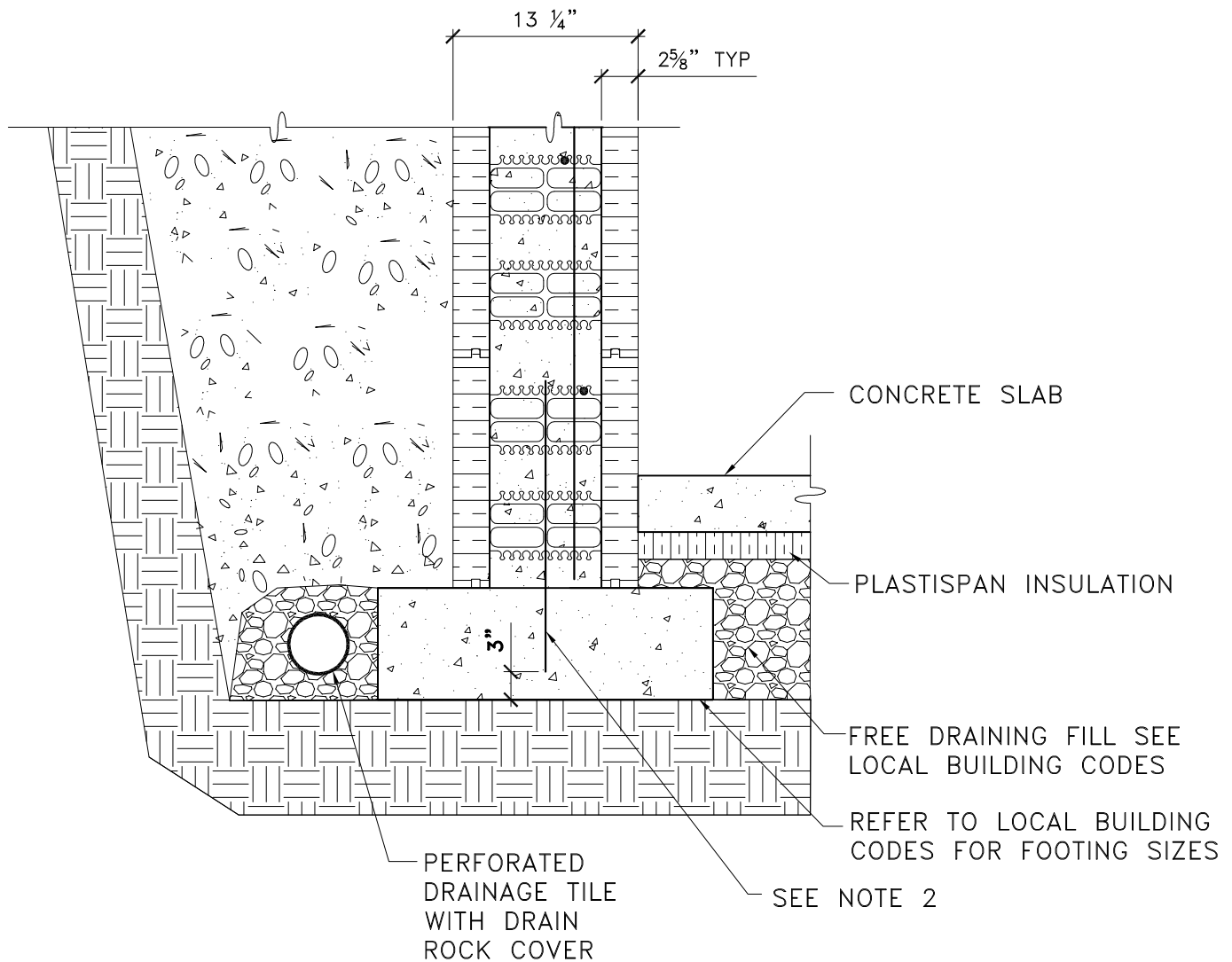
PLANT OR PROJECT 6" ADVANTAGE ICF SYSTEM

BRICK LEDGE DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.7.6



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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



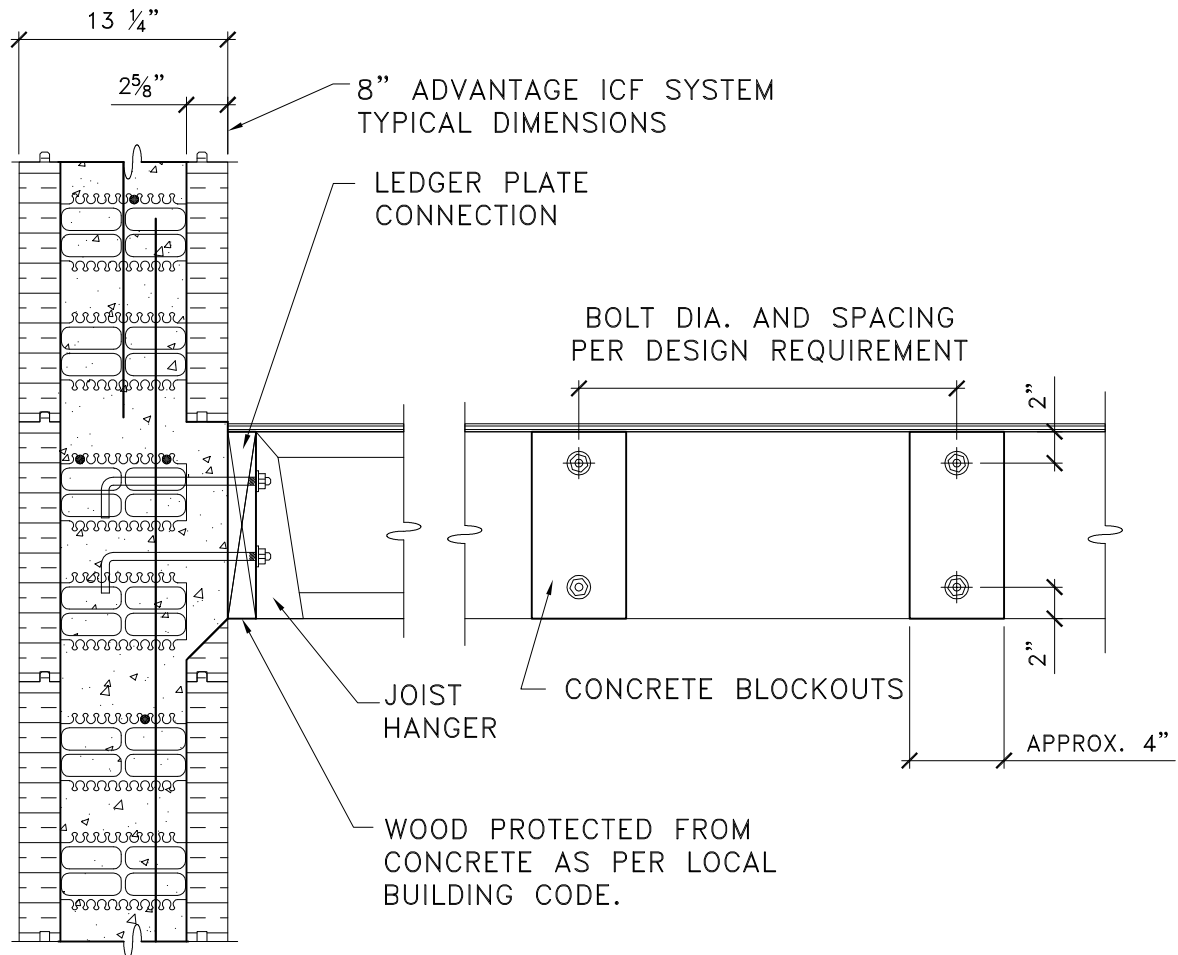
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

WALL TO FOOTING CONNECTION DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.1.8

**NOTE:**

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



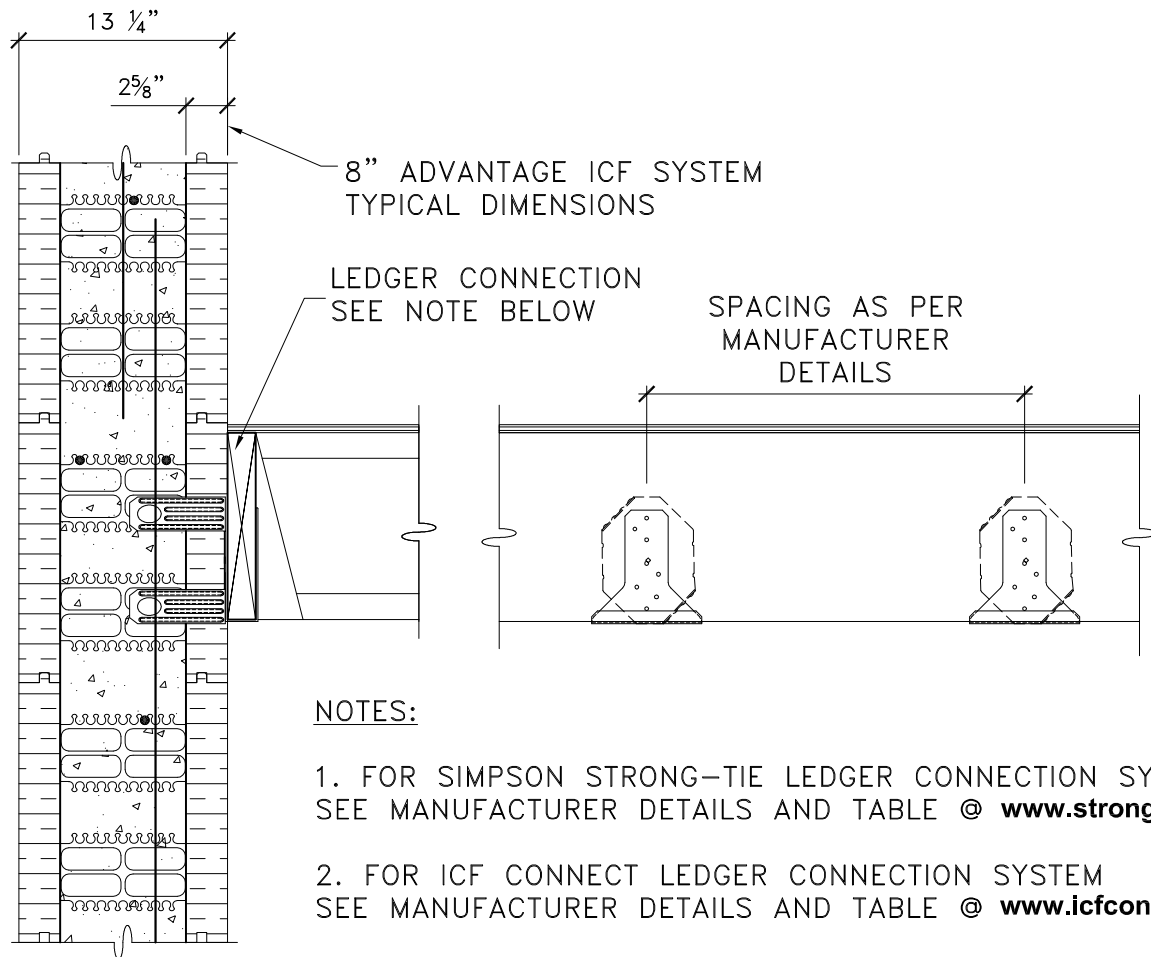
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

FLOOR LEDGER WITH ANCHOR BOLTS

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.2.8



No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



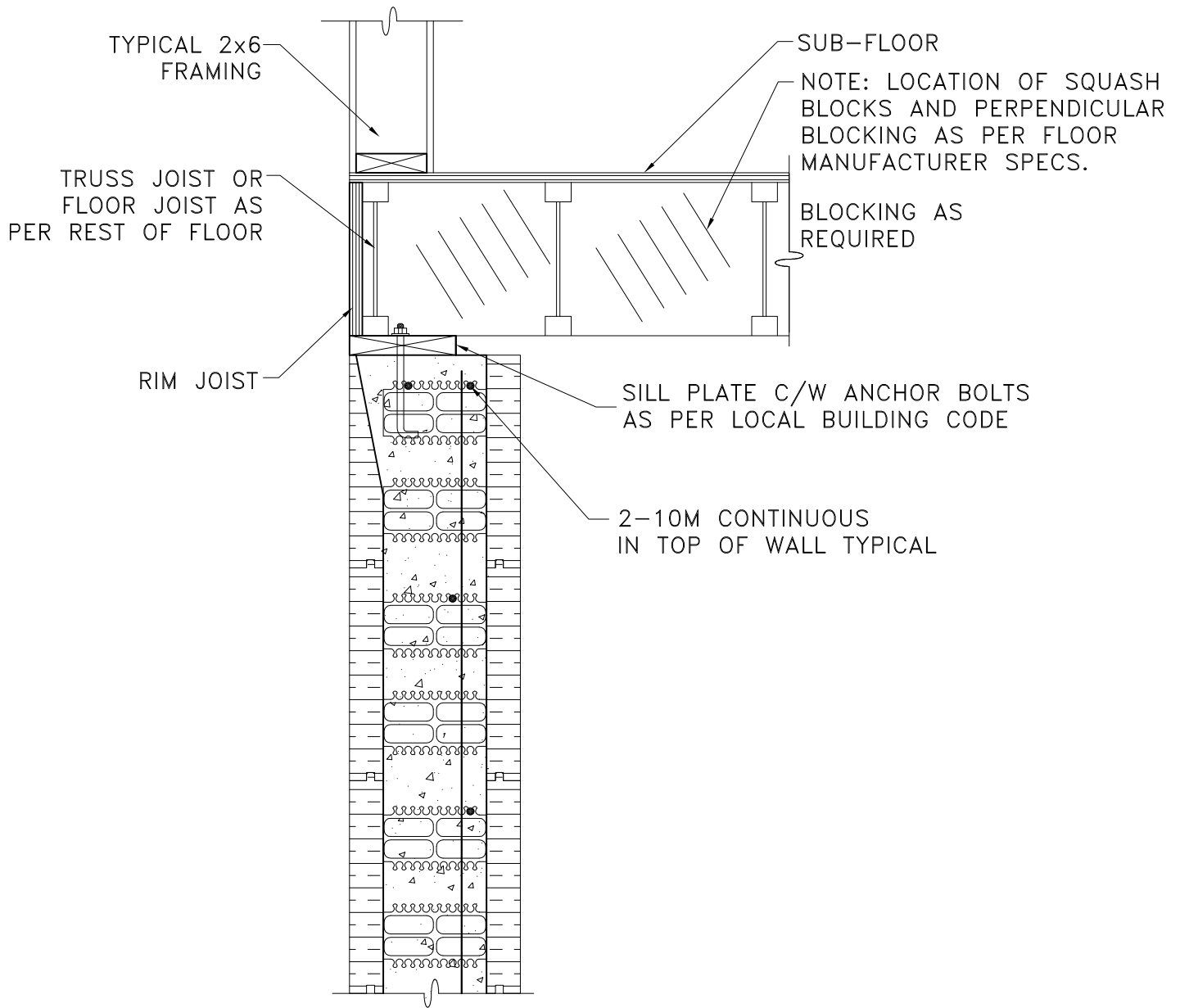
PLANT OR
PROJECT 8" ADVANTAGE ICF SYSTEM

FLOOR JOIST AND LEDGER CONNECTORS

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.3.8



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



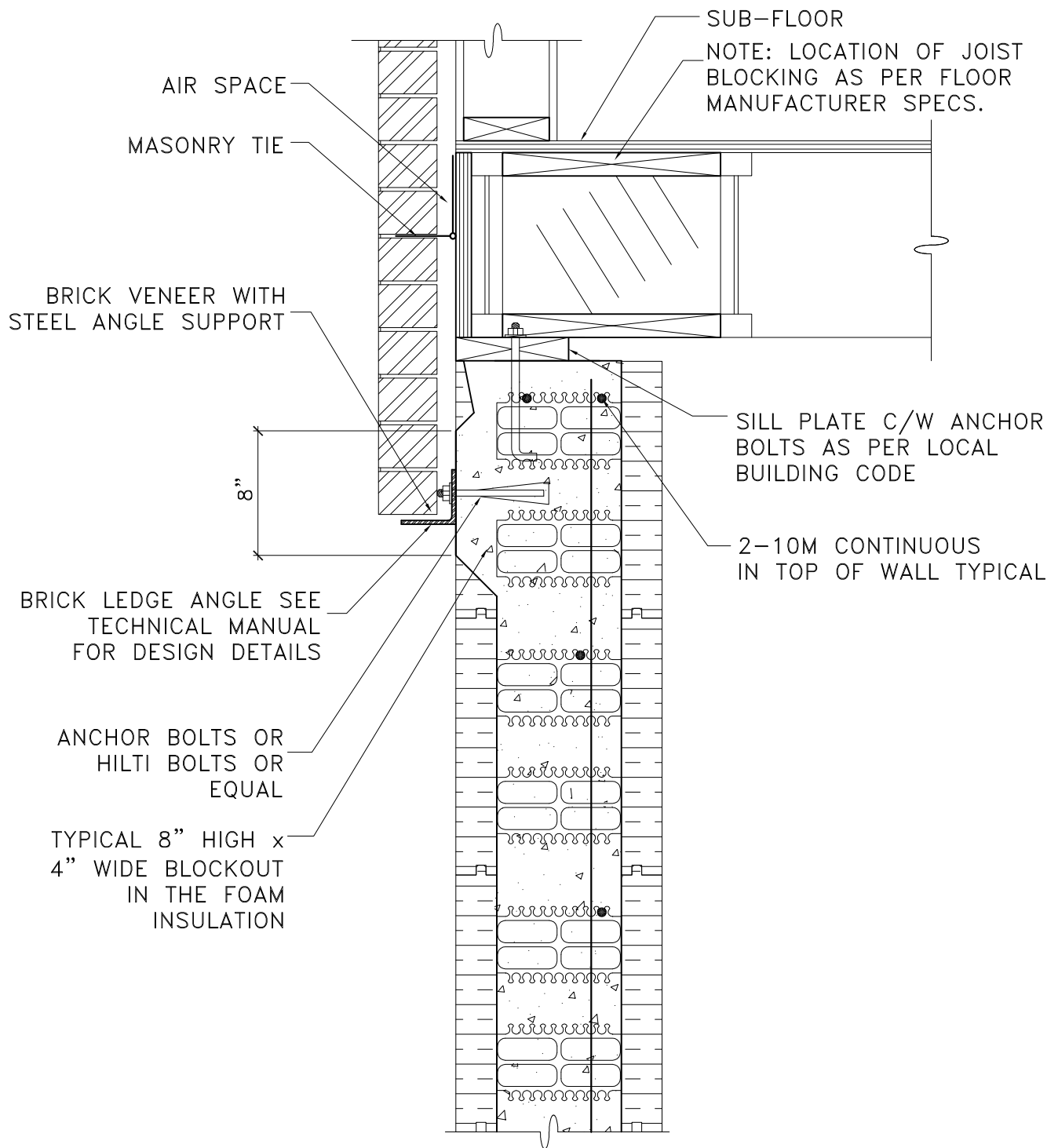
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

FLOOR JOIST FOR WOOD STUD MAIN FLOOR

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.4.8



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



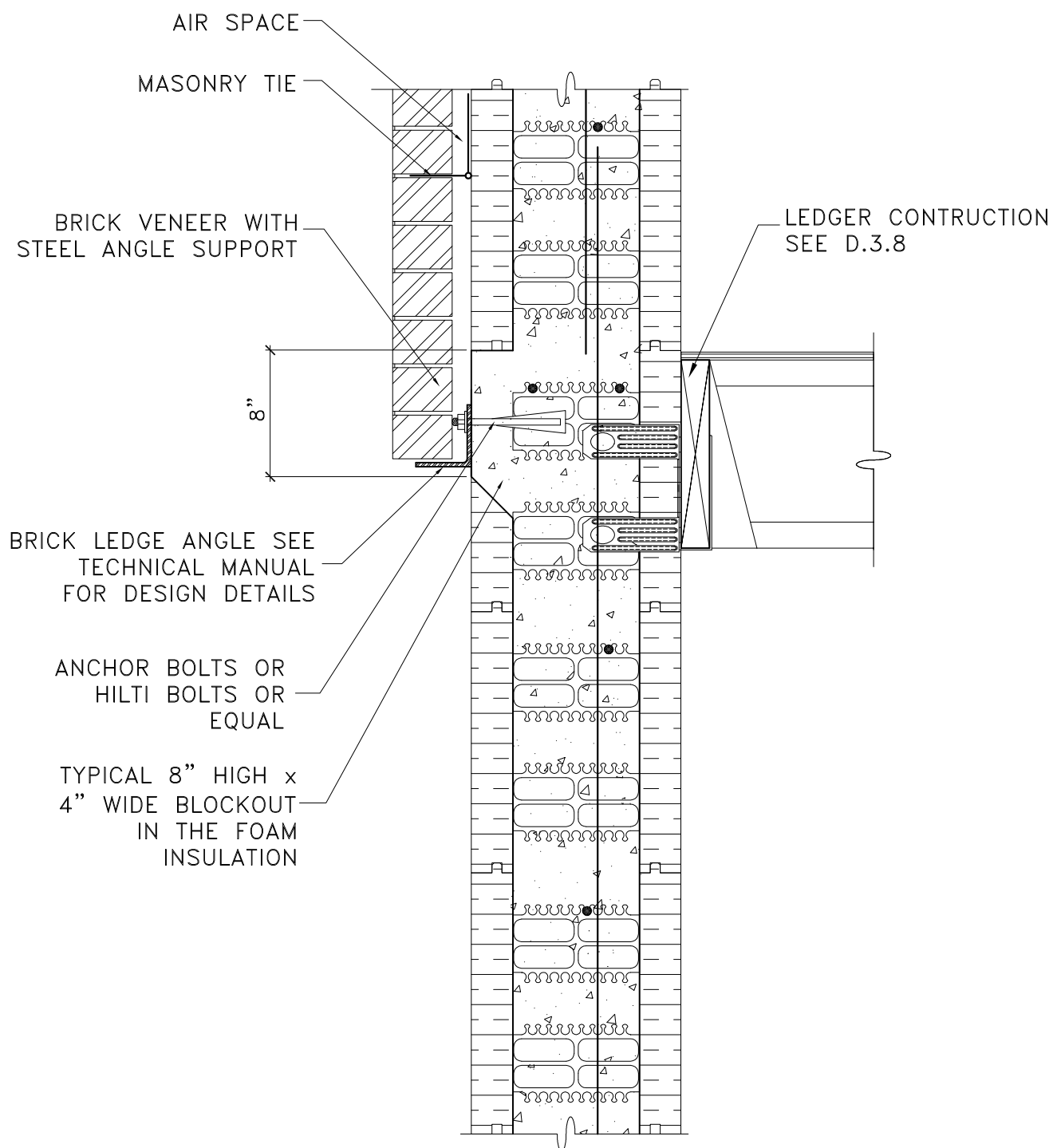
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

**BRICK ANGLE LEDGE
 DETAIL - TOP OF WALL**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.5.8

**NOTE:**

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



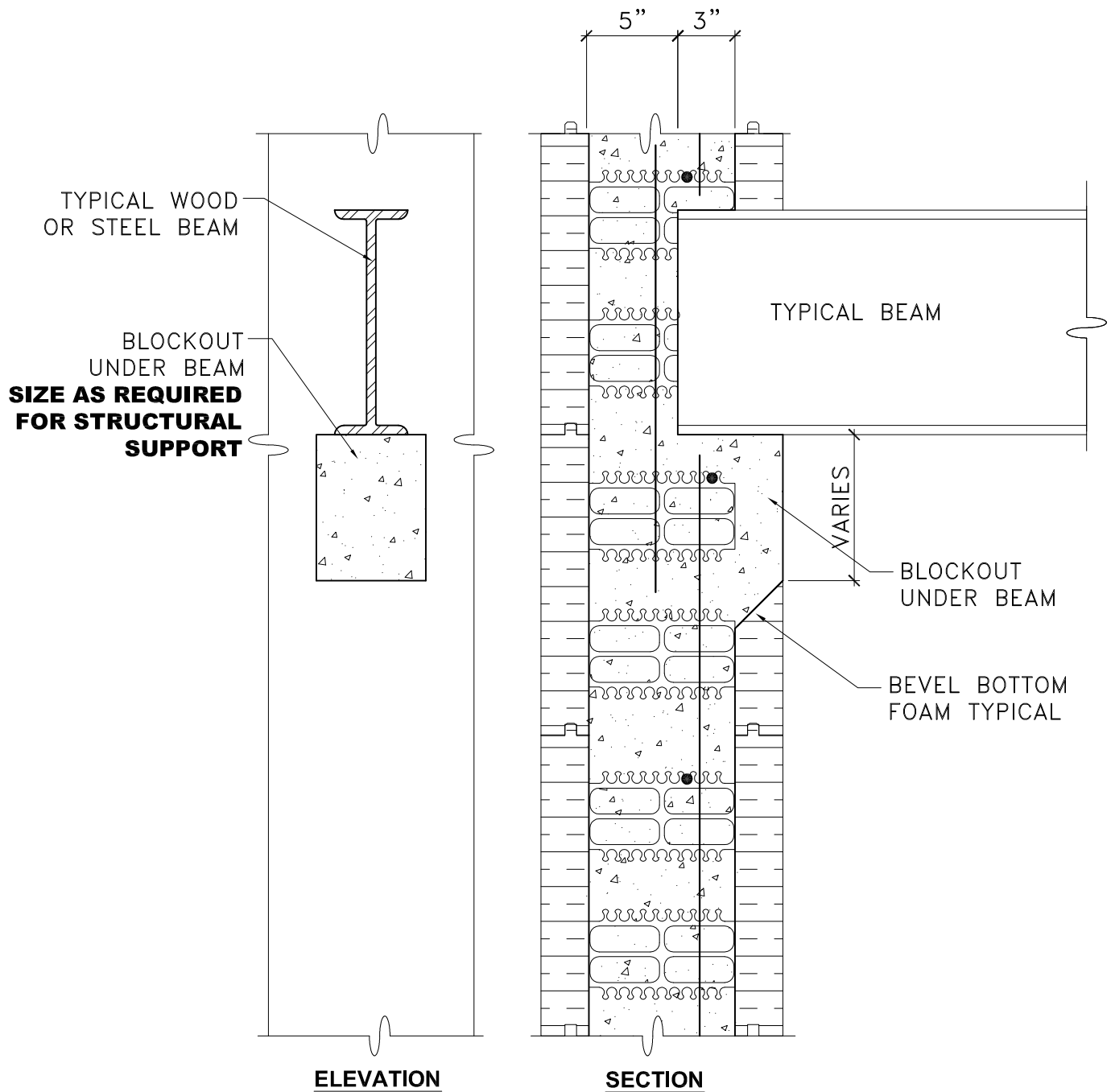
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

**BRICK ANGLE LEDGE
DETAIL - INTERMEDIATE
HEIGHT**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.5.8A

**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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT **8" ADVANTAGE ICF SYSTEM**

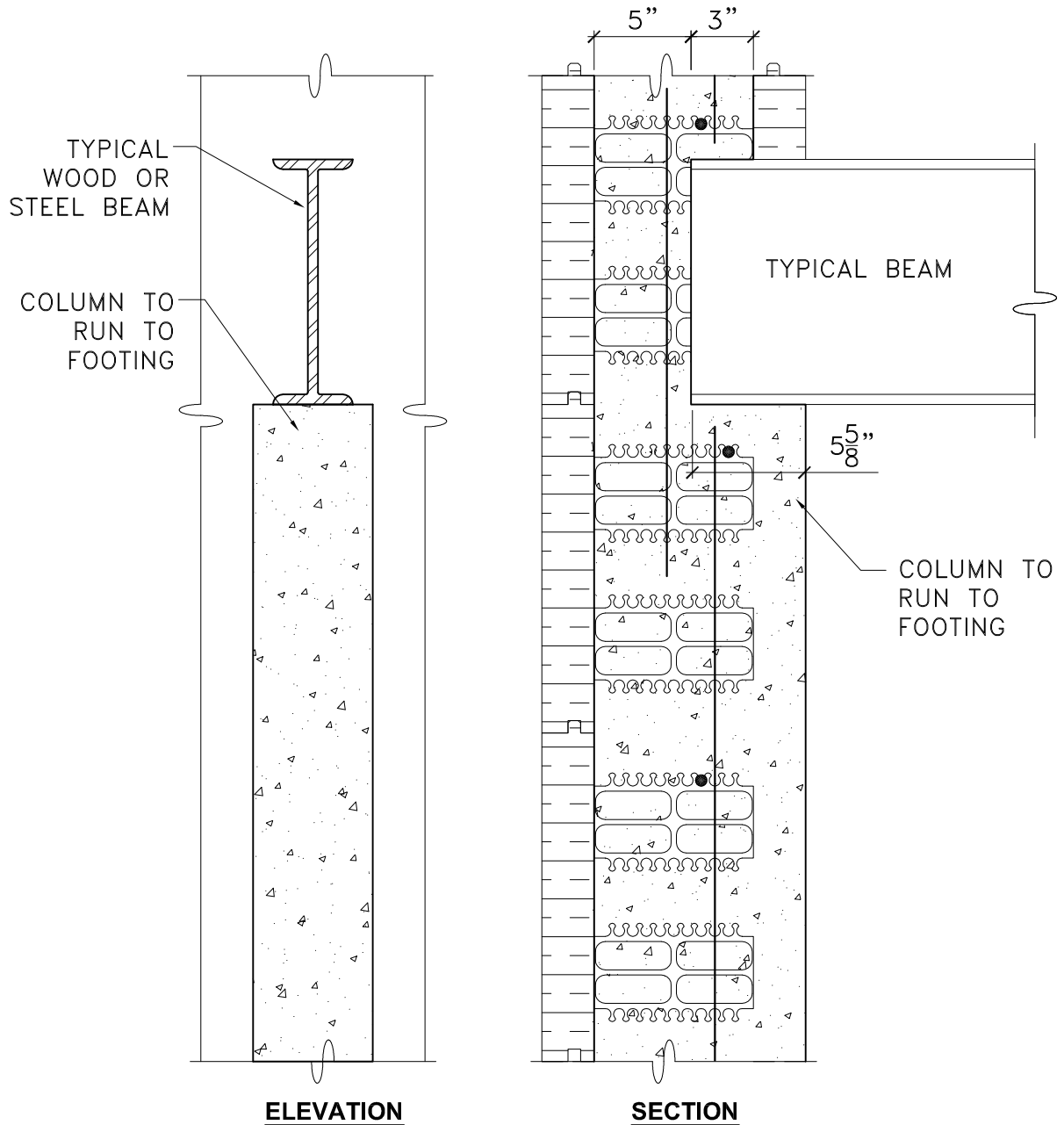
BEAM POCKET DETAILS

SCALE **NTS**

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.6.8

NOTE:
COLUMN DIMENSIONS AS REQUIRED BY ENGINEER



- 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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



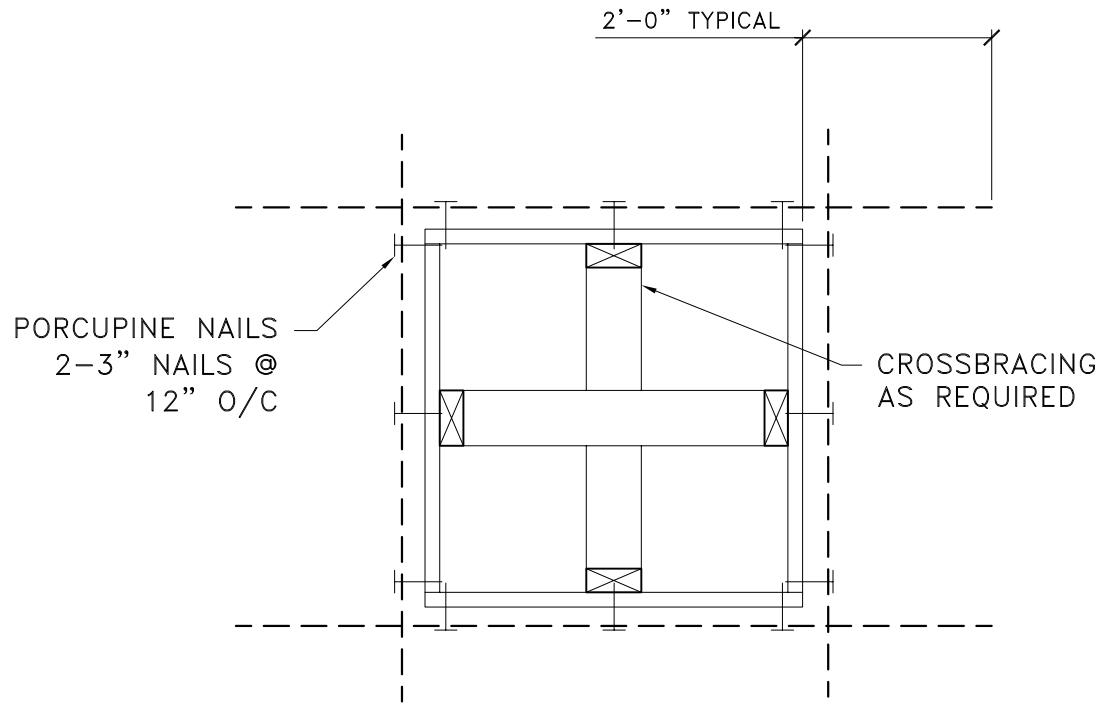
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

**FULL HEIGHT COLUMN
FOOTINGS TO
UNDERSIDE OF BEAM**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.7.8



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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



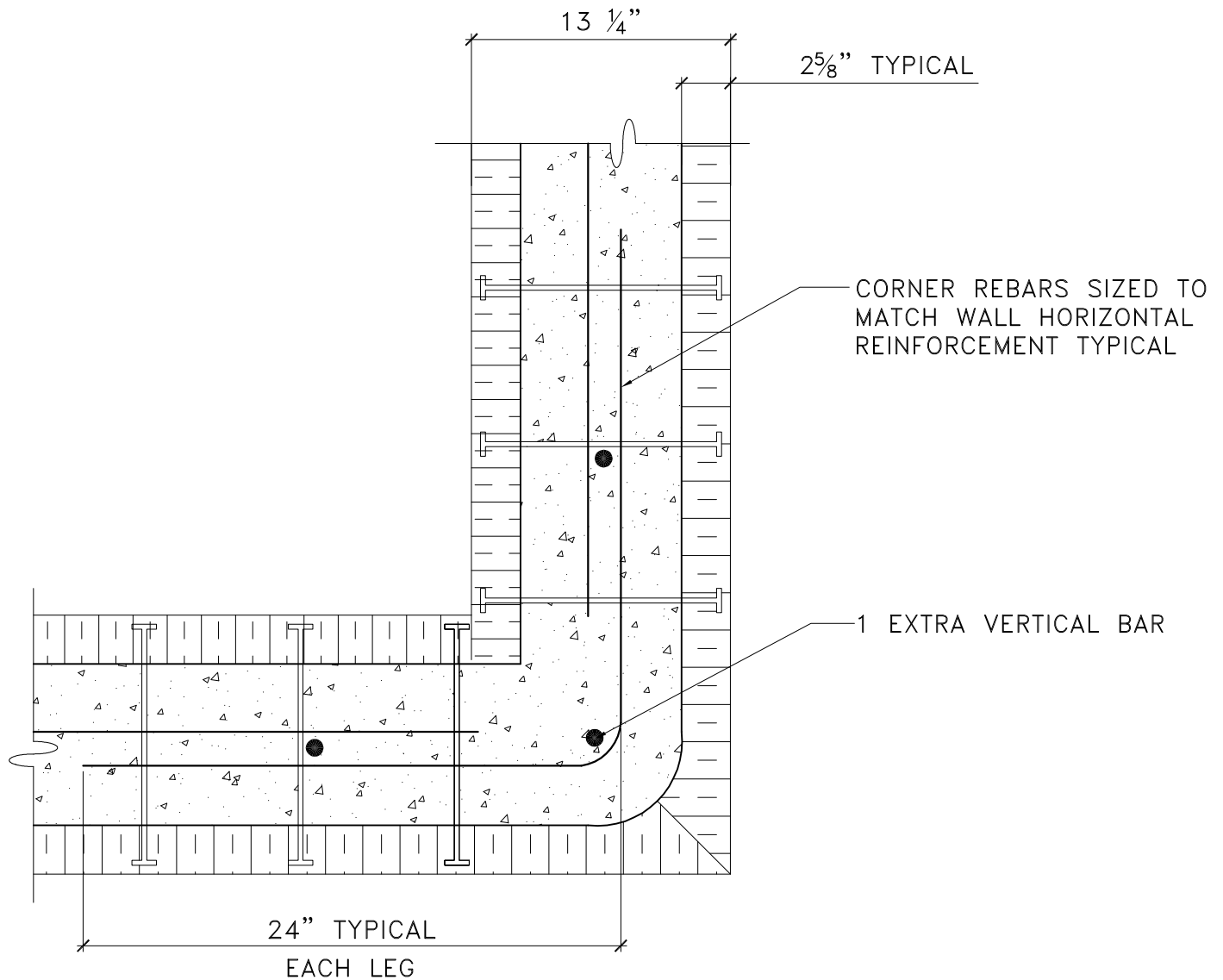
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

OPENING DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.8.8



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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



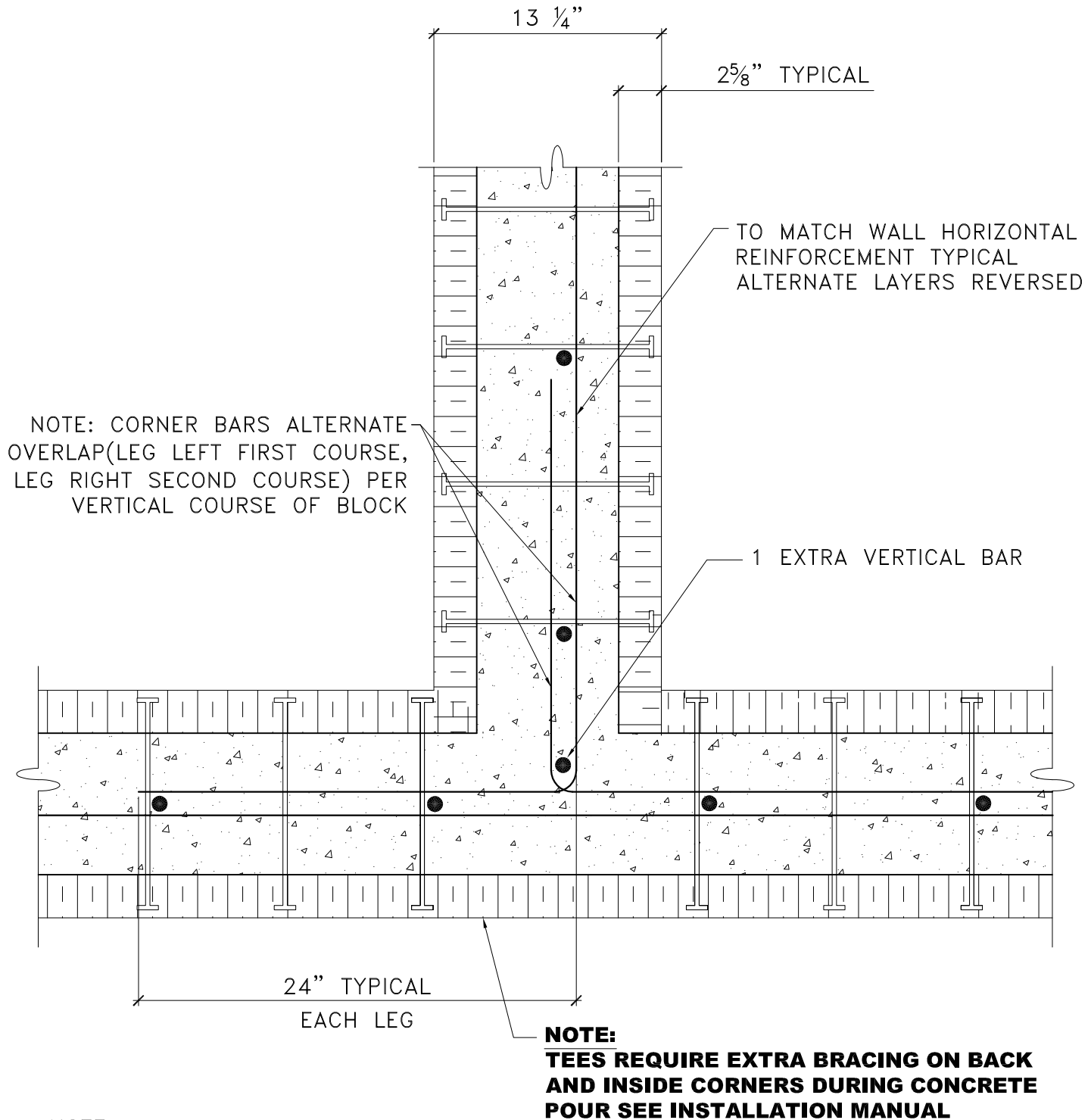
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

**TYPICAL CORNER
DETAIL**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.9.8



NOTE:

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



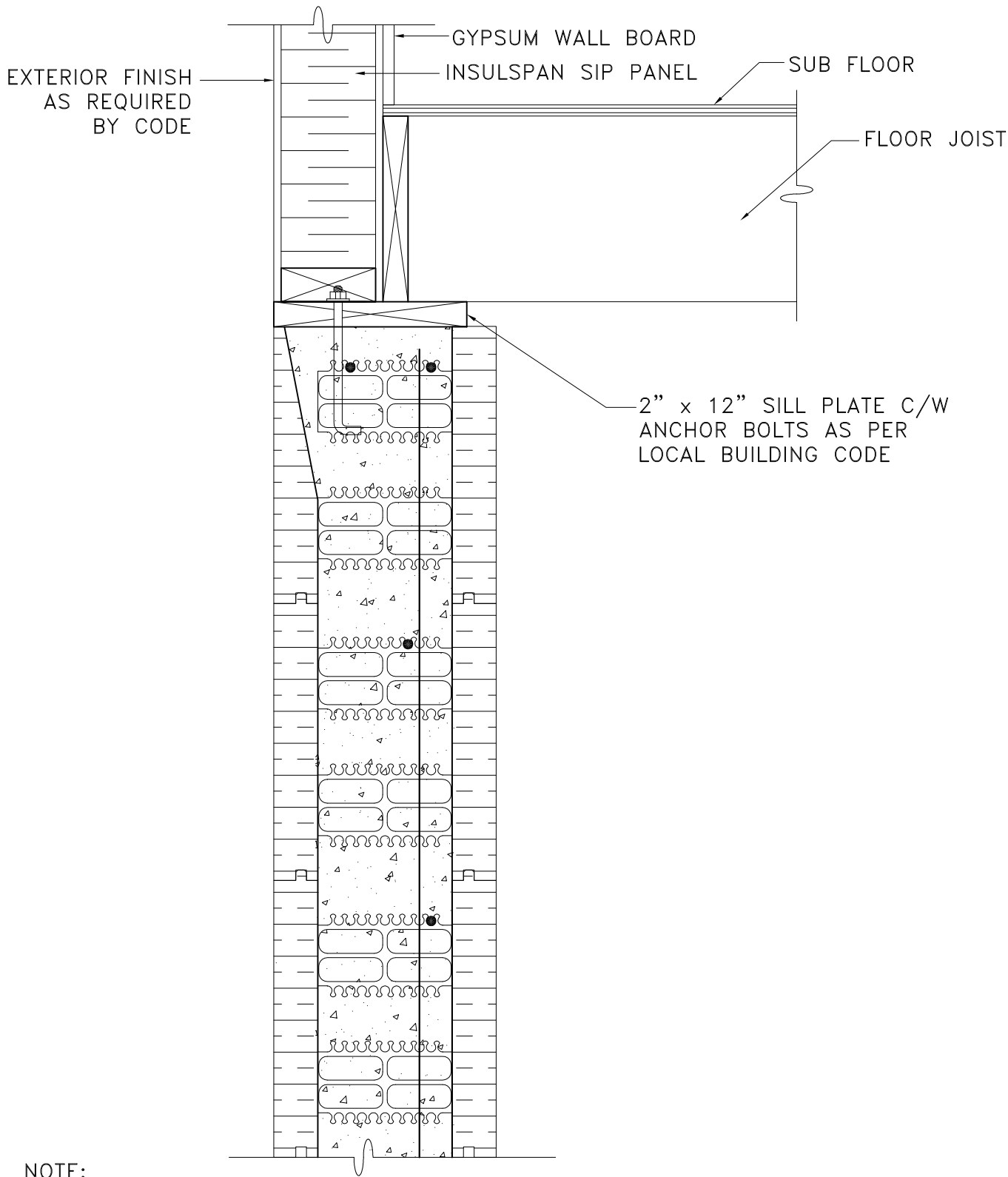
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

**TYPICAL "T"
INTERSECTION**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.10.8



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



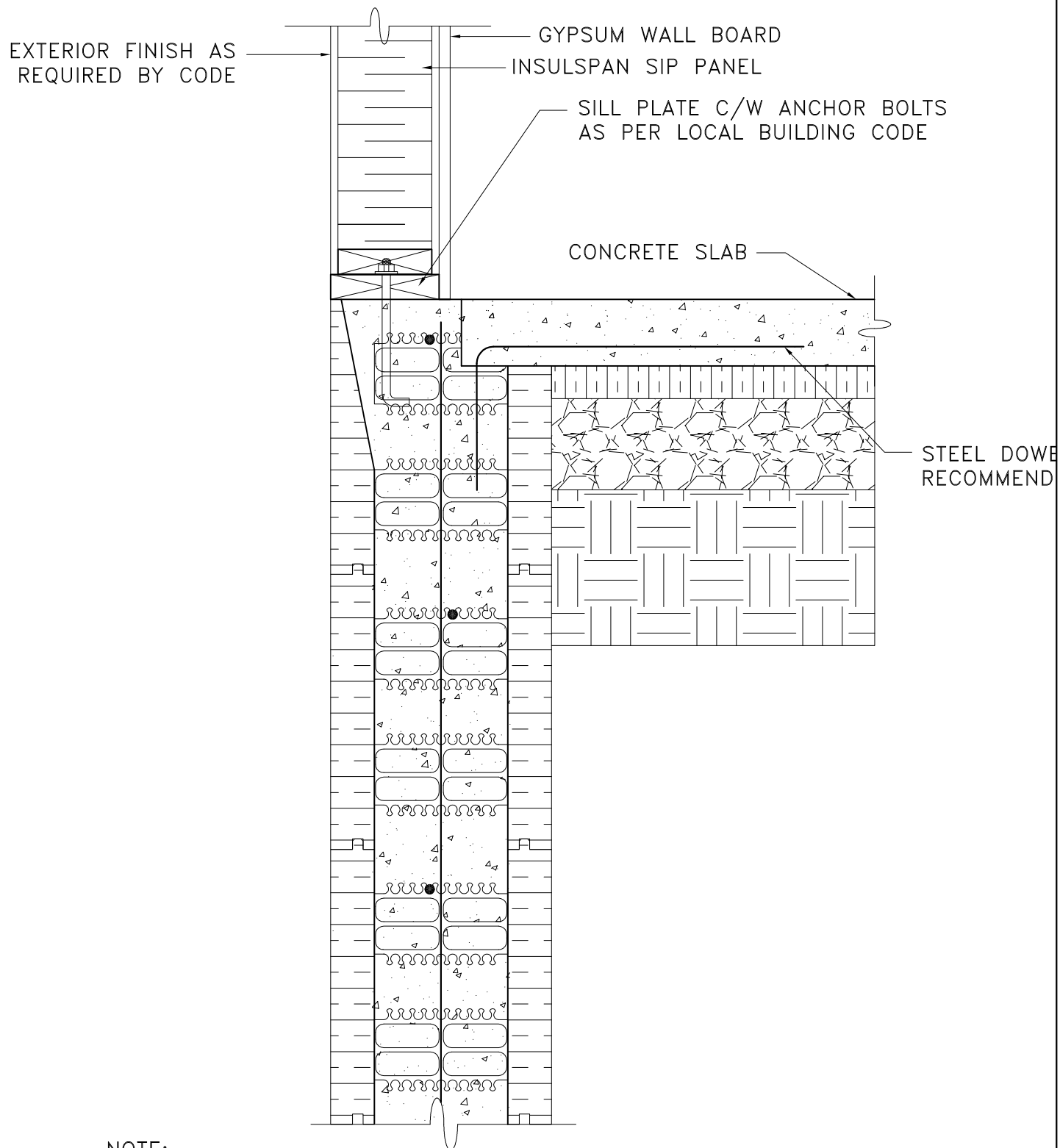
PLANT OR
PROJECT 8" ADVANTAGE ICF SYSTEM

SIP WALL CONNECTION

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.11.8



No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

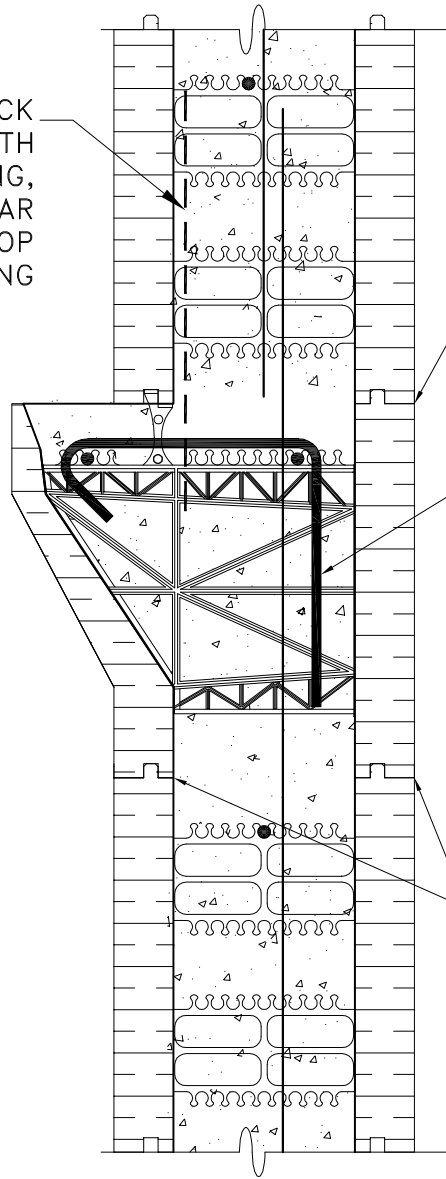
SIP WALL CONNECTION WITH CONCRETE SLAB

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.12.8

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR
PROJECT 8" ADVANTAGE ICF SYSTEM

BRICK LEDGE DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.13.8

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



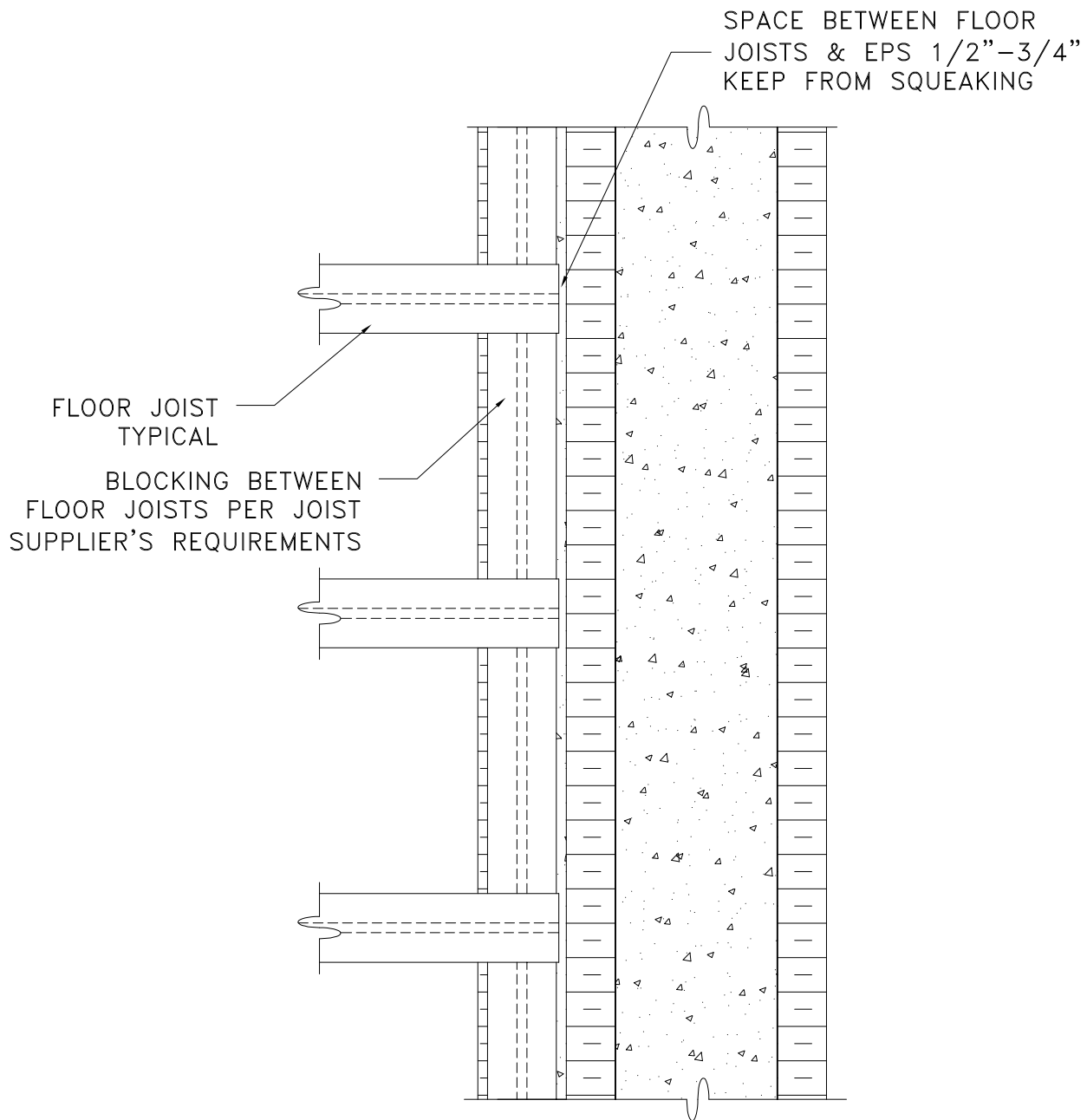
PLANT OR
PROJECT 8" ADVANTAGE ICF SYSTEM

FLOOR LEDGE DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.14.8



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

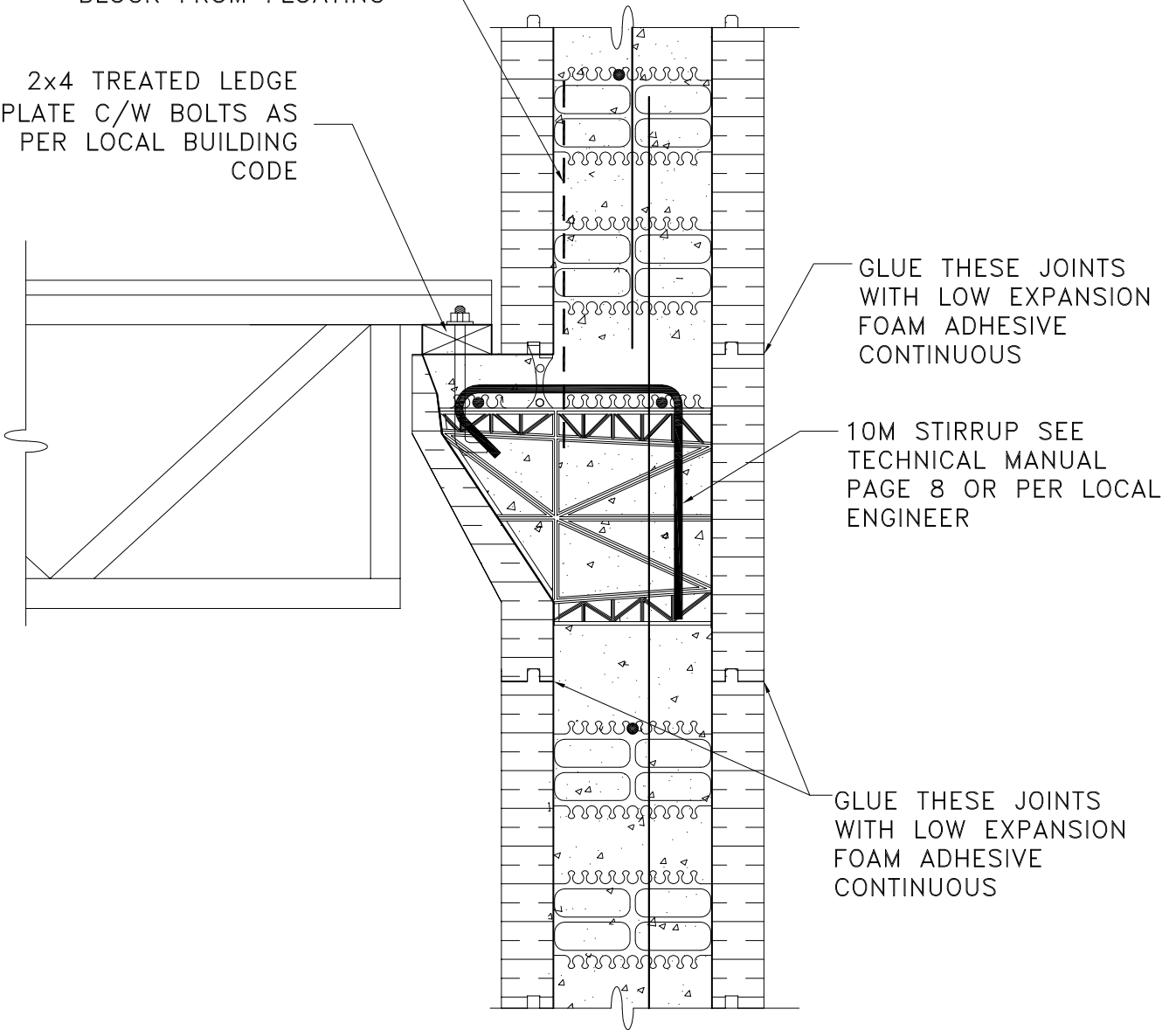
FLOOR LEDGE DETAIL PLAN VIEW

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No. D.14.8A	REV.

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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



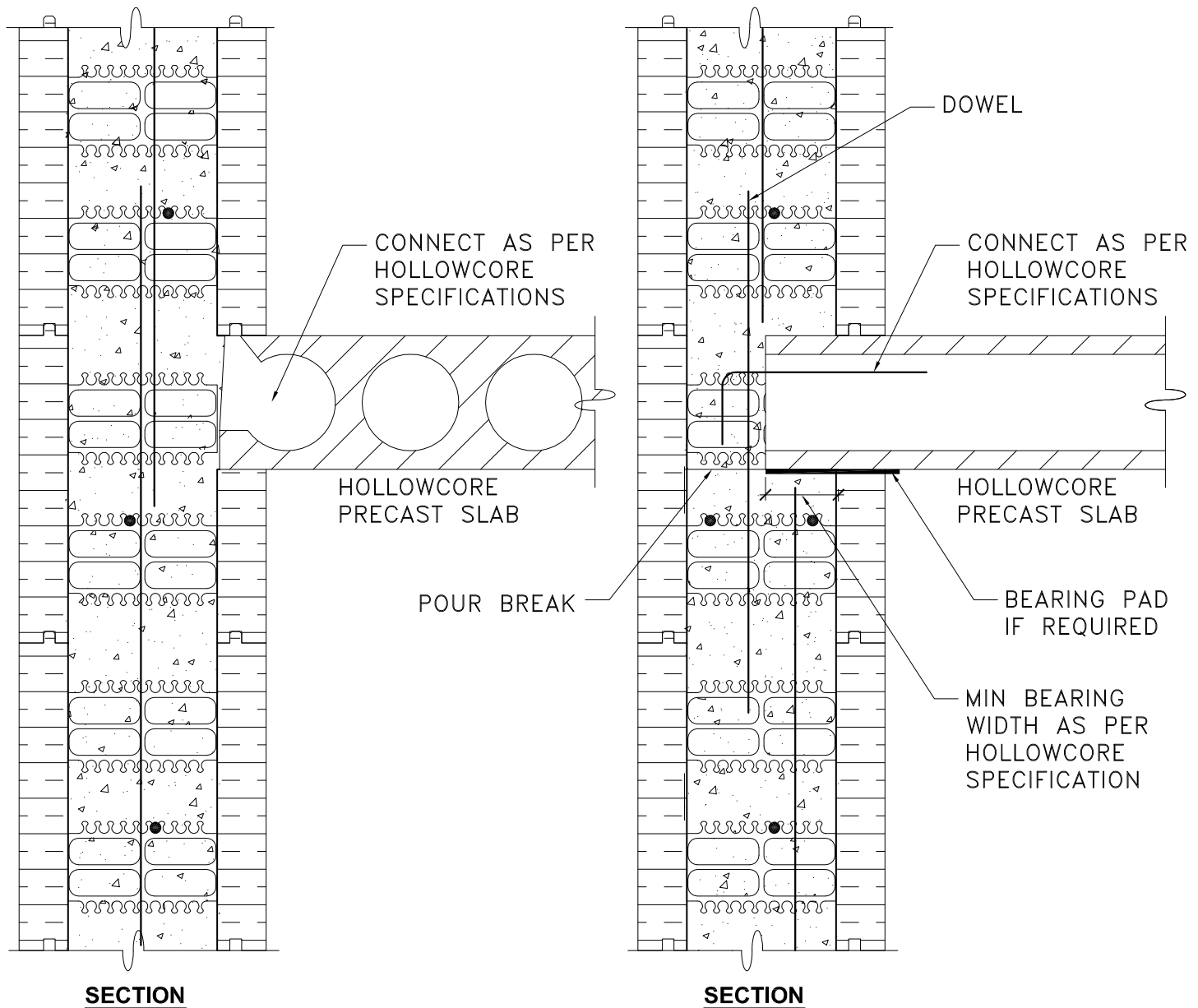
PLANT OR
PROJECT 8" ADVANTAGE ICF SYSTEM

FLOOR TRUSS LEDGE DETAIL

SCALE NTS

DESIGN G DOREN	DATE OCT, 09
DRAWN L XIE	DATE OCT, 09
CHECKED J WHALEN	DATE OCT, 09
DRAWING No.	REV.

D.14.8



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

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



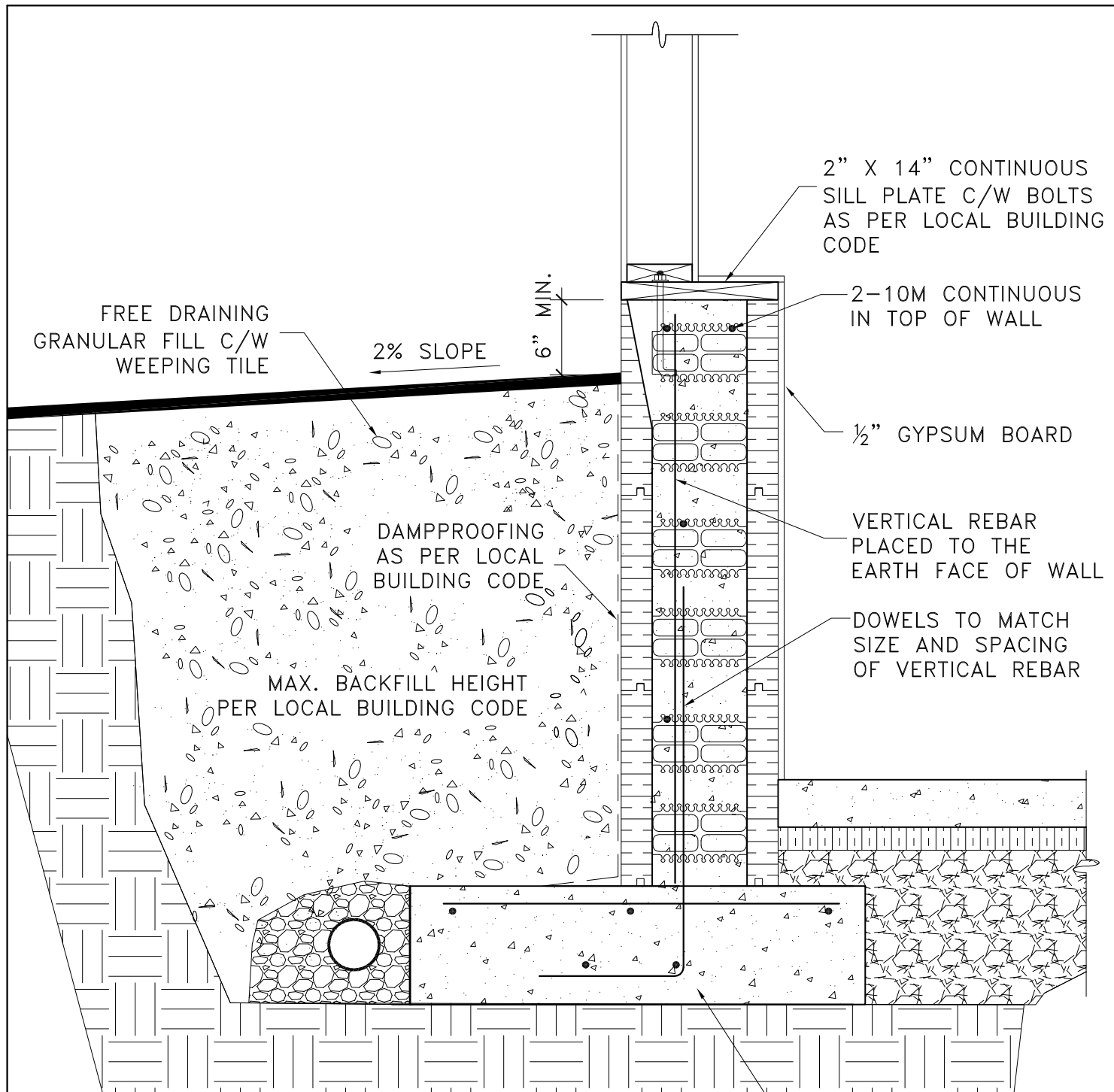
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

PRECAST CONCRETE FLOOR DETAIL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

D.15.8

**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.**

REFER TO LOCAL
BUILDING CODES FOR
FOOTING SIZES

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



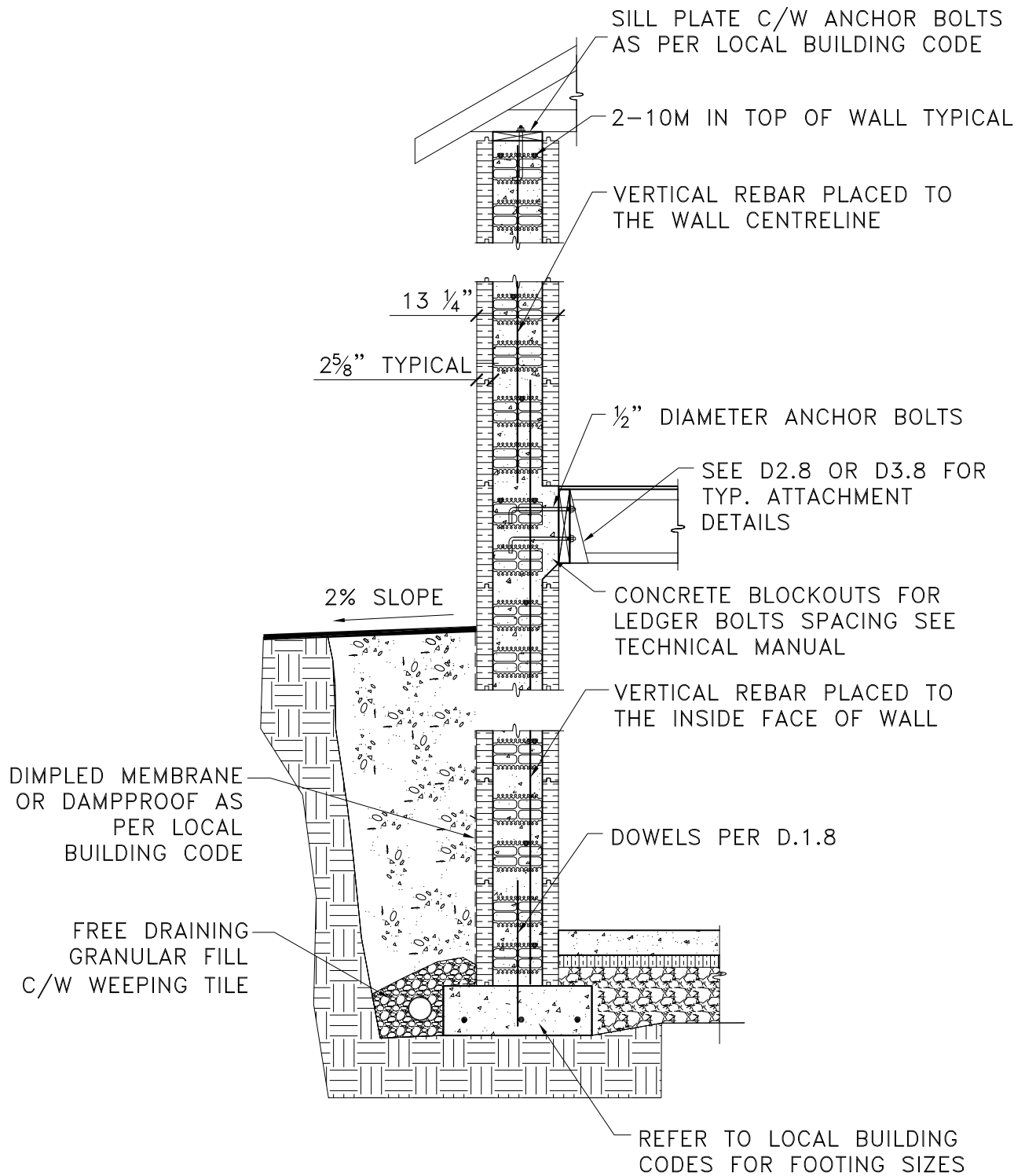
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

KNEE OR PONY WALL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.1.8

**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.**

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



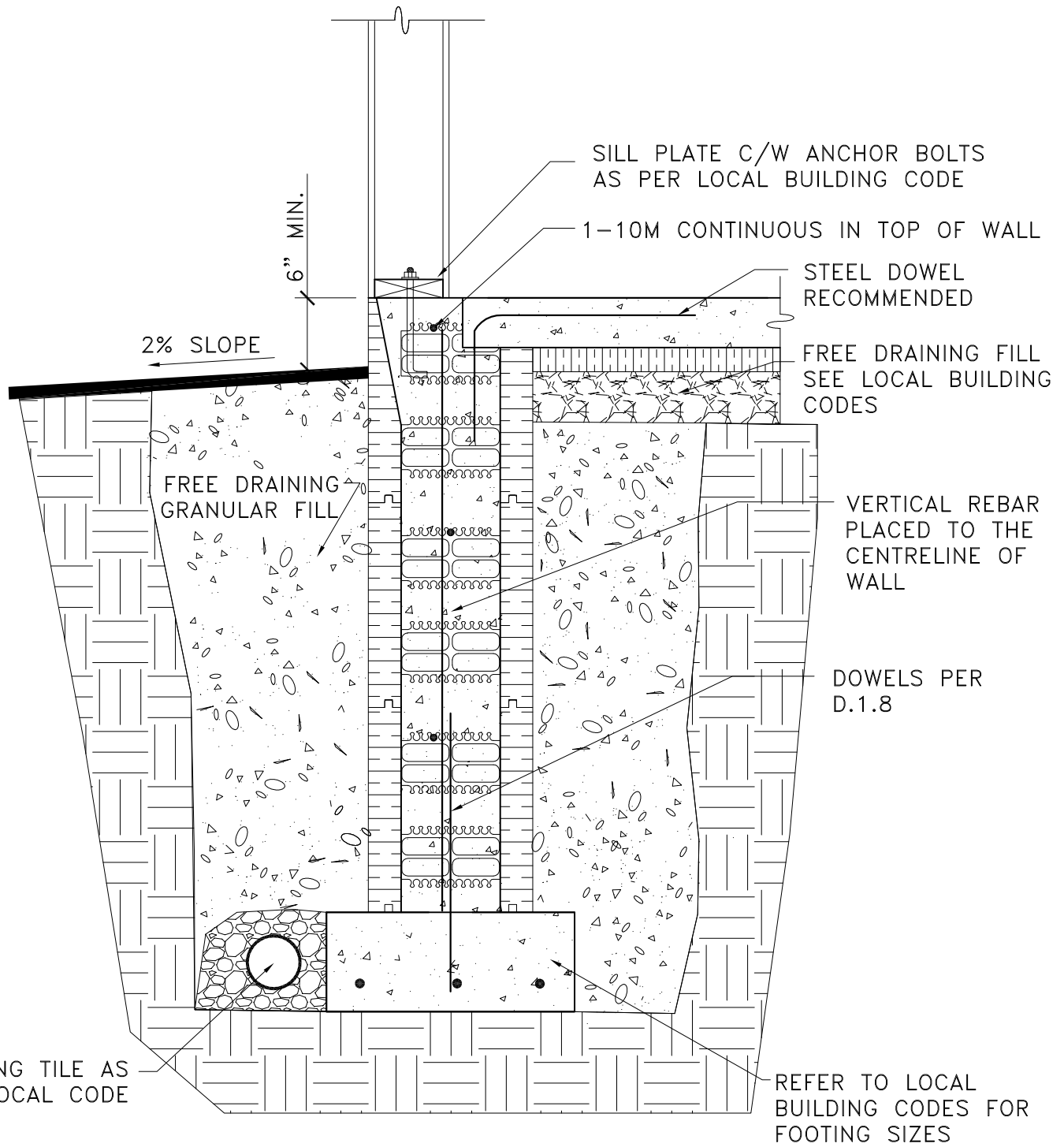
PLANT OR
PROJECT 8" ADVANTAGE ICF SYSTEM

**FOUNDATION AND
MAIN FLOOR**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.2.8



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.**

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



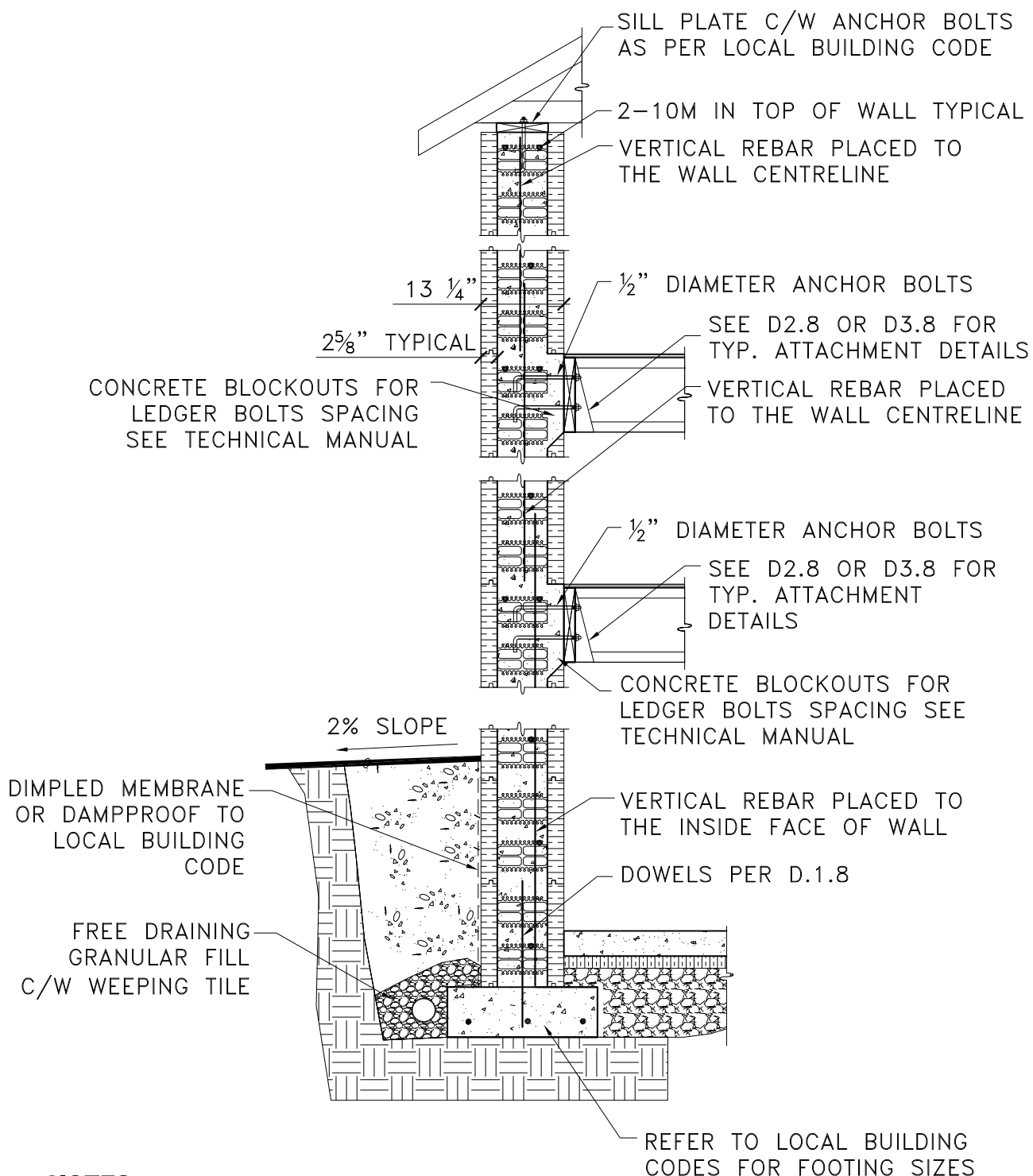
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

FROST WALL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.4.8

**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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



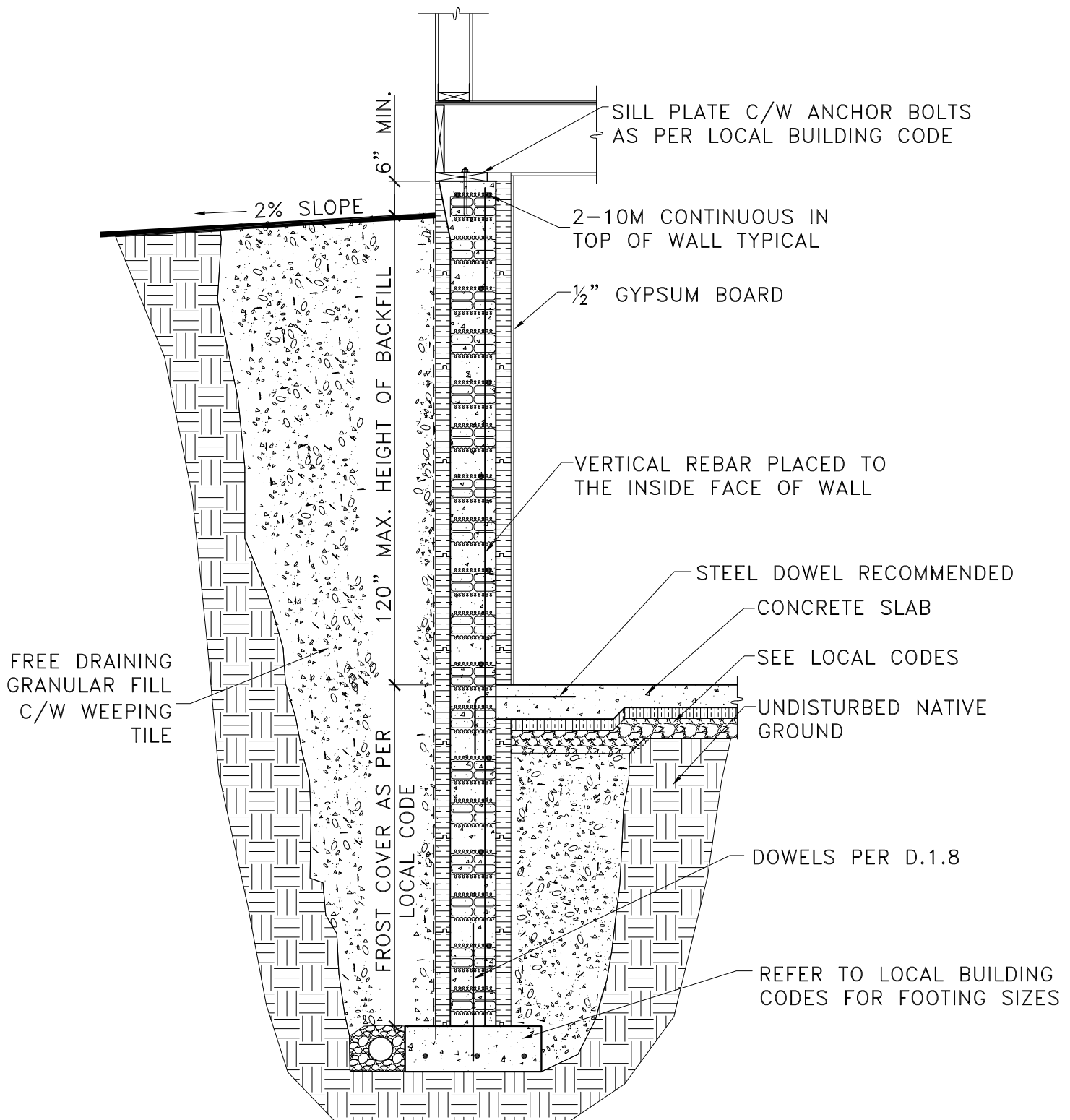
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

**FOUNDATION, MAIN,
2ND FLOOR**

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.5.8

**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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



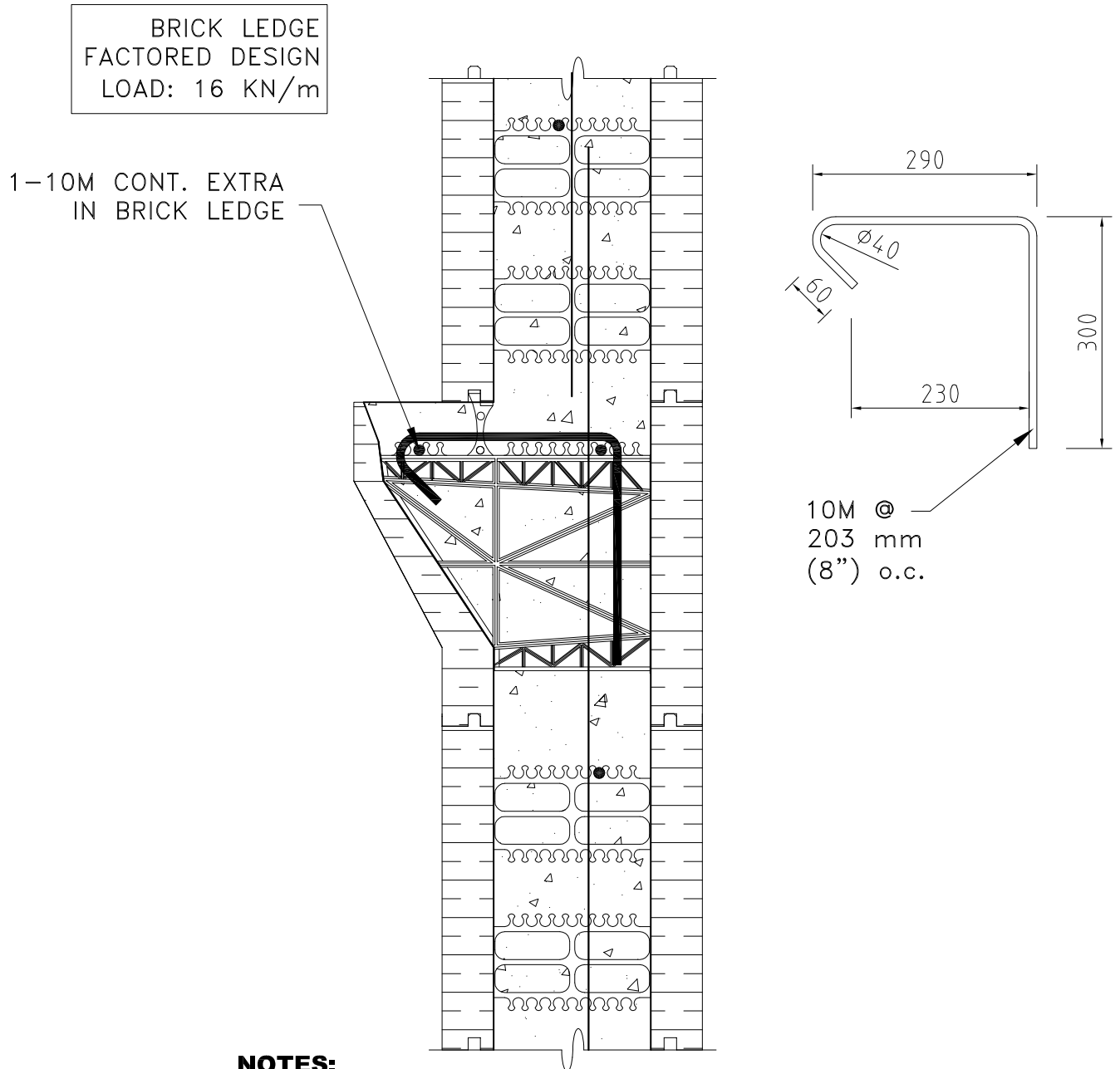
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

FULL HEIGHT FROST WALL

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.6.8

**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.

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



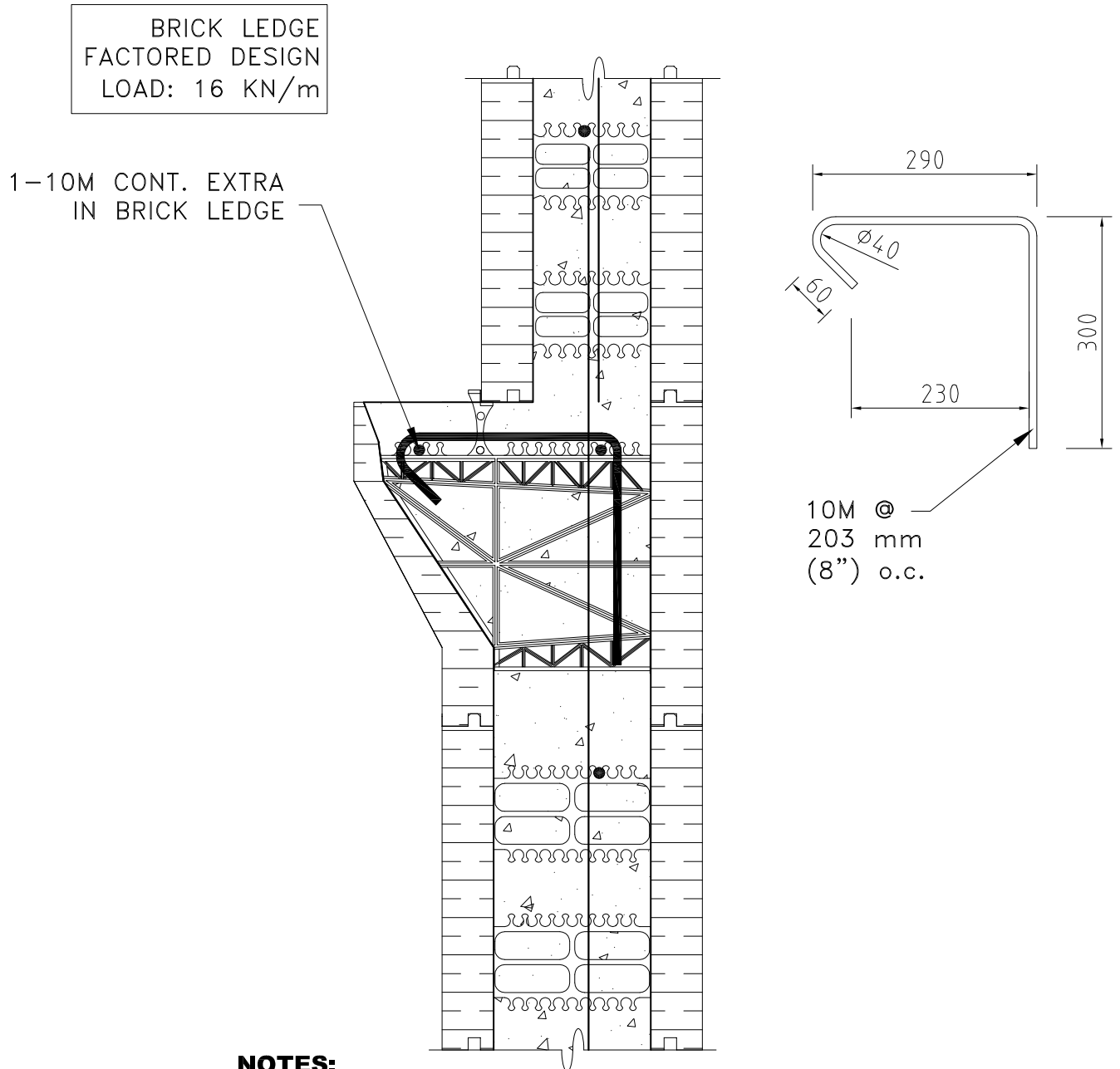
PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

BRICK LEDGE DETAIL 8" TO 8" WALLS

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.7.8

**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.**

No.	REVISION DESCRIPTION	DATE	BY	CHKD	APPD



PLANT OR PROJECT 8" ADVANTAGE ICF SYSTEM

BRICK LEDGE DETAIL 8" TO 6" WALLS

SCALE NTS

DESIGN G DOREN	DATE JULY, 09
DRAWN L XIE	DATE JULY, 09
CHECKED J WHALEN	DATE JULY, 09
DRAWING No.	REV.

S.7.8A

Advantage ICF System® Specifications



General Product Description

EPS Insulation

Complies with CAN/ULC-S701, Type 2, and ASTM C578, Type 2
Contains no CFCs, HCFCs, HFCs or formaldehyde

Concrete

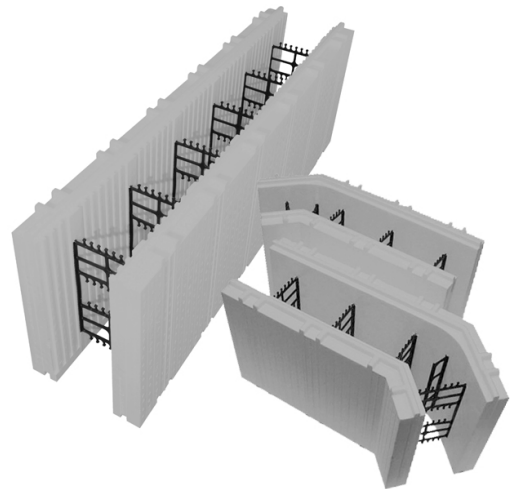
20 MPa (2900 psi) at 28 days
Nominal Thickness 152-mm(6") or 203-mm (8")

Code Evaluation Reports

CCMC Evaluation Report 13101-R (Canada)
Intertek Code Compliance Research Report CCRR-1006
(Canada and US)

Sustainability Certificate

GREENGUARD Gold



@AdvantageICF



PFBCorporation



@plastifabeps