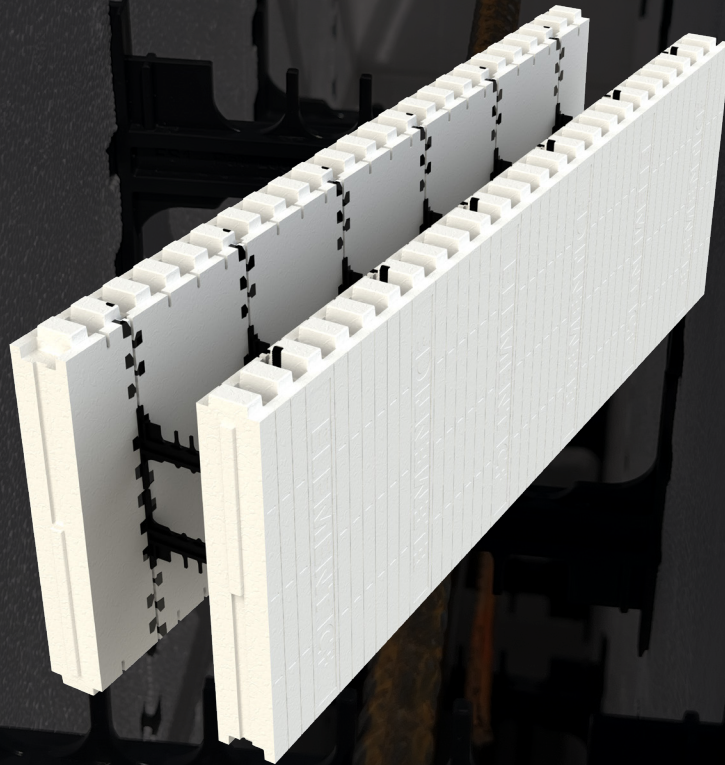


ELEMENTICF[®]
LOGIX BRANDS

CAD DETAIL BOOKLET

2nd Edition



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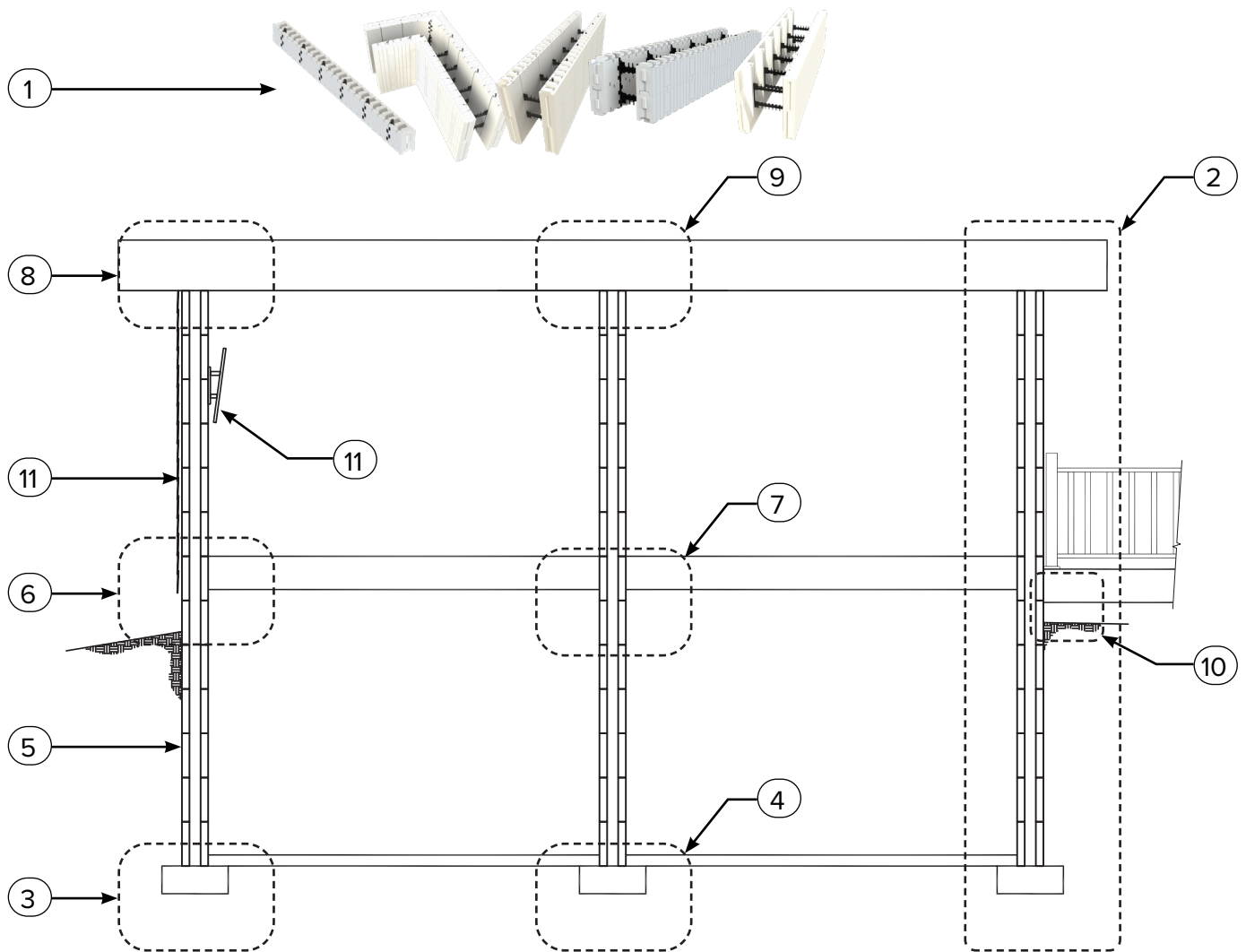
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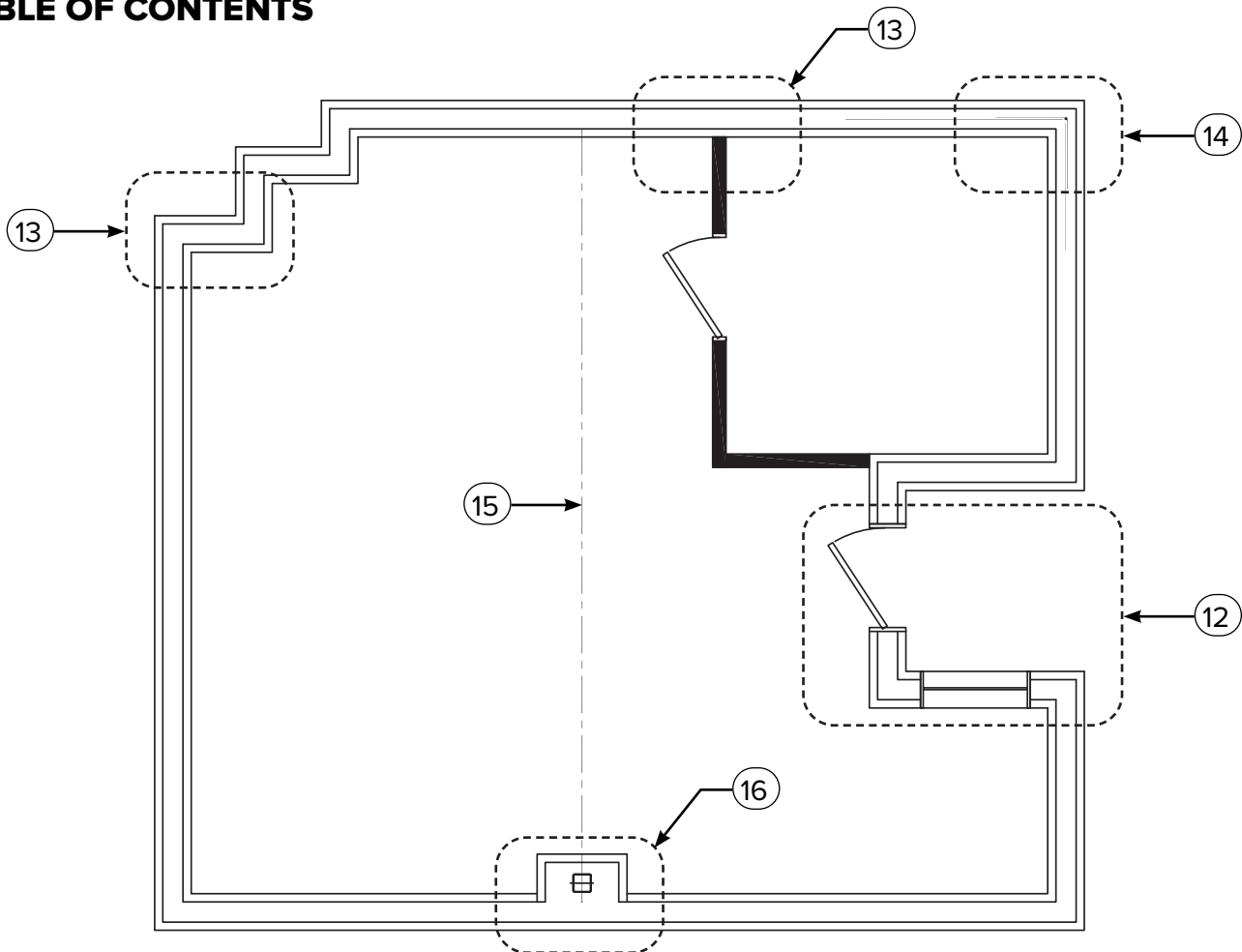
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5.0 - CAD DRAWINGS

CAD drawings applicable for residential and commercial projects are available in the Technical Library at elementICF.com in .dwg, .dxf, pdf and .jpg file formats. In addition, please refer to the Technical Library for updated and new drawings.

Element ICF is an innovative hybrid ICF system offering an ingenious combination of interchangeable preformed and site-assembled blocks. To make designing and installing Element ICF as fast and easy as possible, a full lineup of supporting accessories is also offered..

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DISCLAIMER



5.1 - ELEMENT ICF PRODUCTS

6 INCH SITE-ASSEMBLED STANDARD BLOCK (6 INCH)

4 INCH SITE-ASSEMBLED STANDARD BLOCK (4 INCH)

STANDARD BLOCK SPECS

Conc. Vol. (CY)	0.10
Conc. Vol. (MC)	0.08
Wall Area (SF)	2.22
RSJ*	4.00

*EPS form panels only

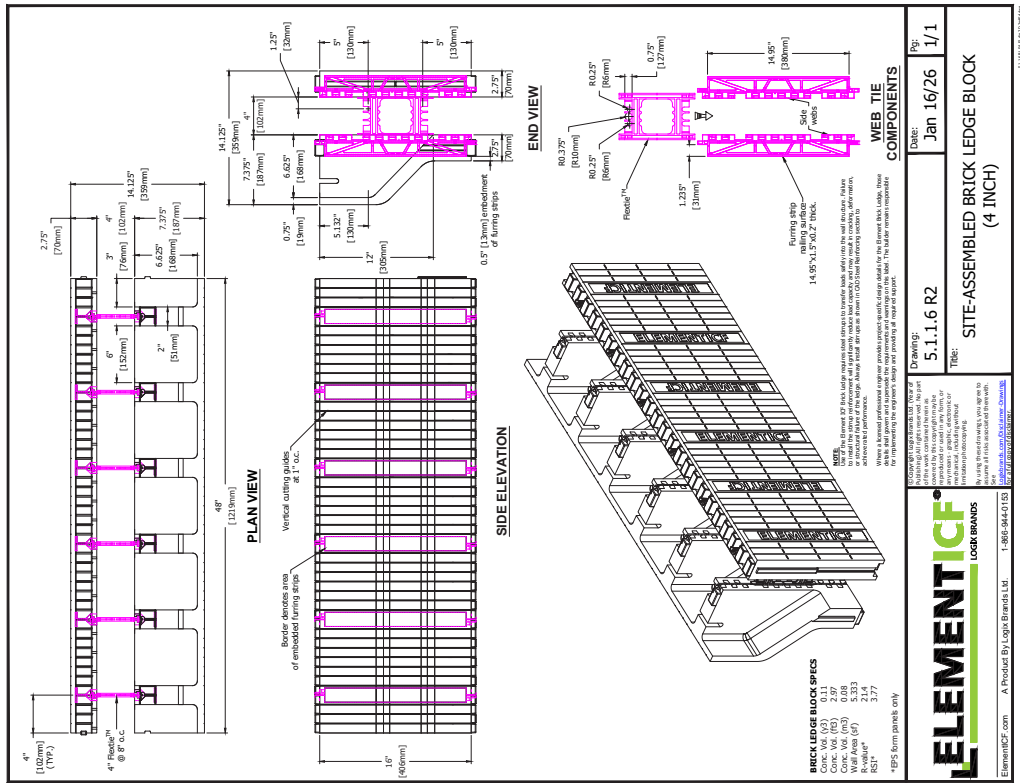
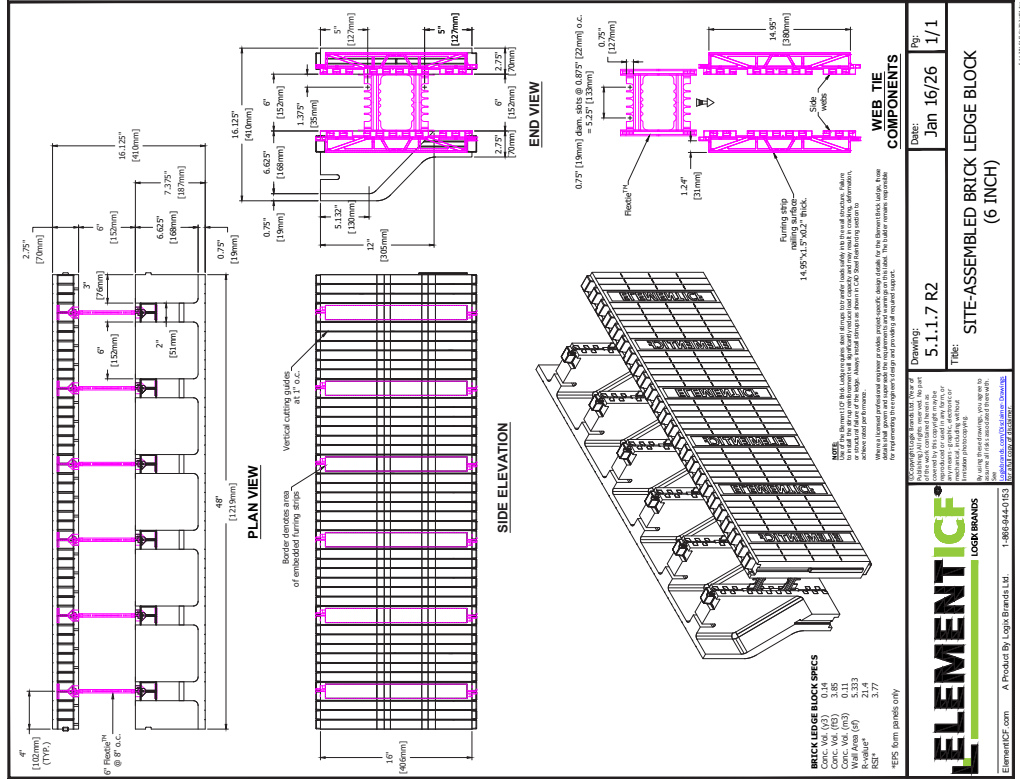
NOTES:
 1. Check availability of Flat Top Standard blocks with your local Element® ICF representative.

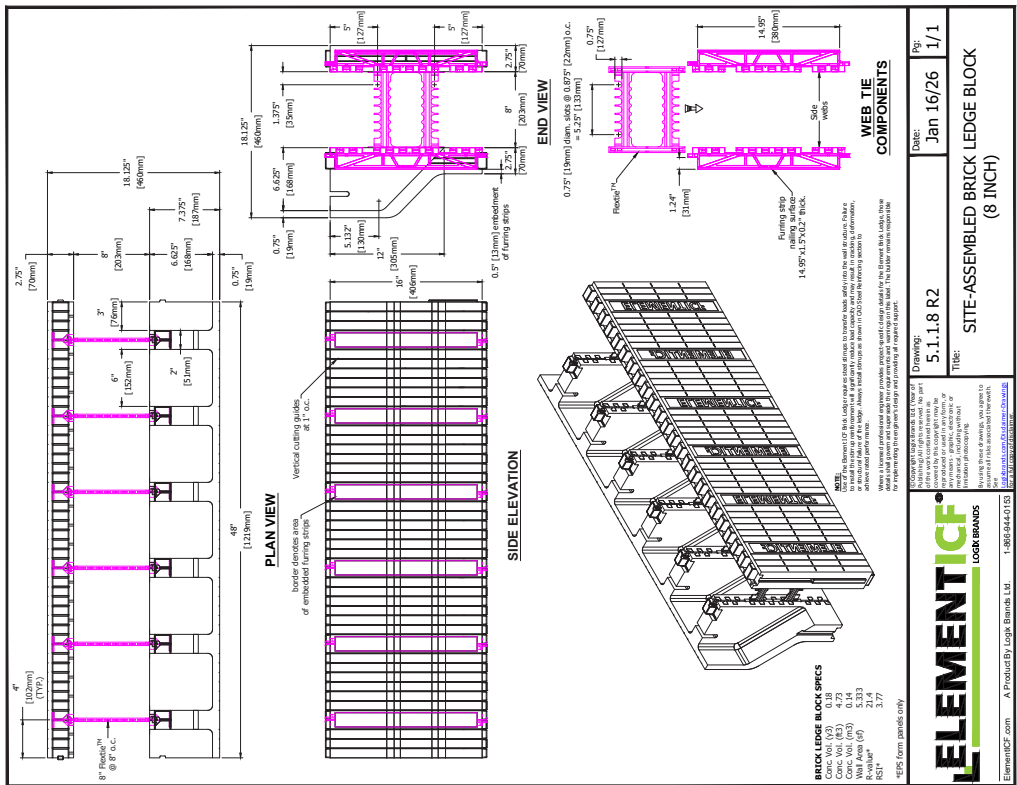
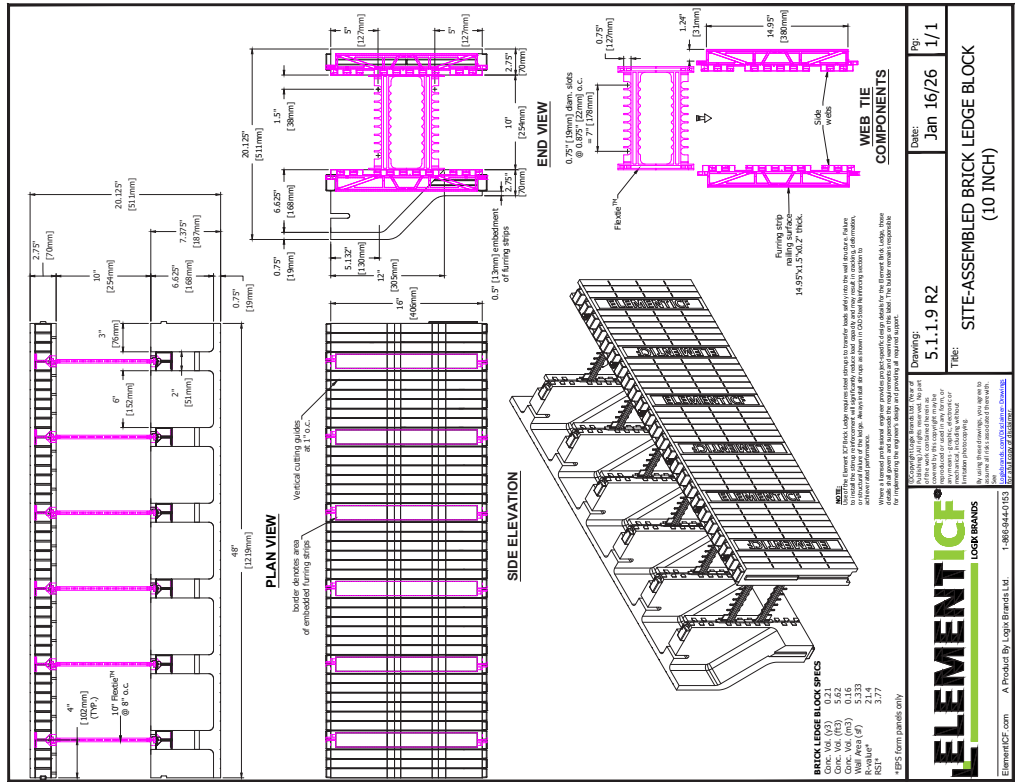
DATE: Jan 16/26
DRAWING: 5.1.1.2 R2
TITLE: SITE-ASSEMBLED STANDARD BLOCK (6 INCH)

LOGIX BRANDS
 ELEMENT ICF
 A Product By Logix Brands Ltd. 1-800-944-0105

5.1 - SITE-ASSEMBLED STANDARDS

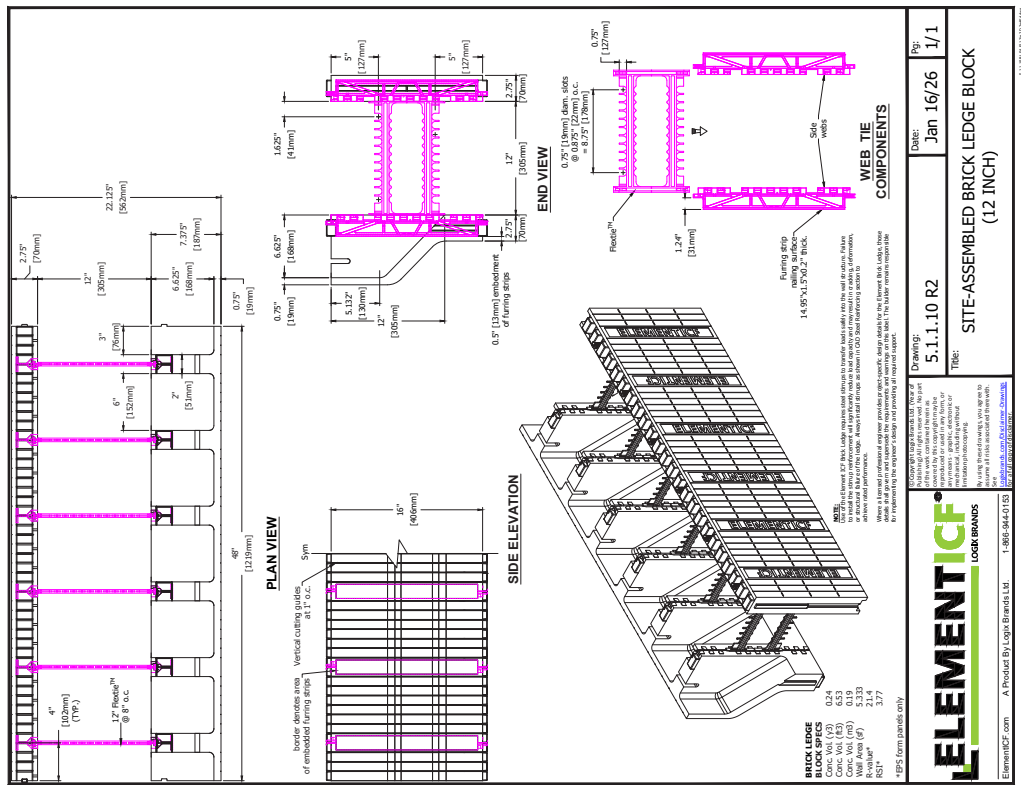
5.1 - SITE-ASSEMBLED BRICK LEDGE

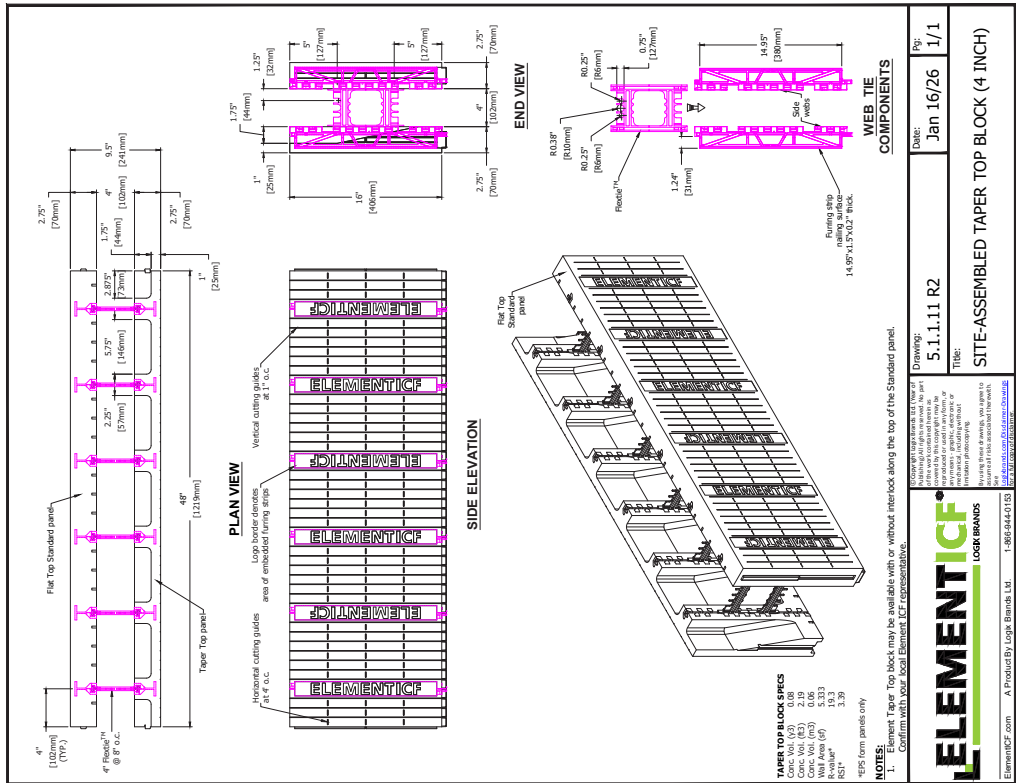
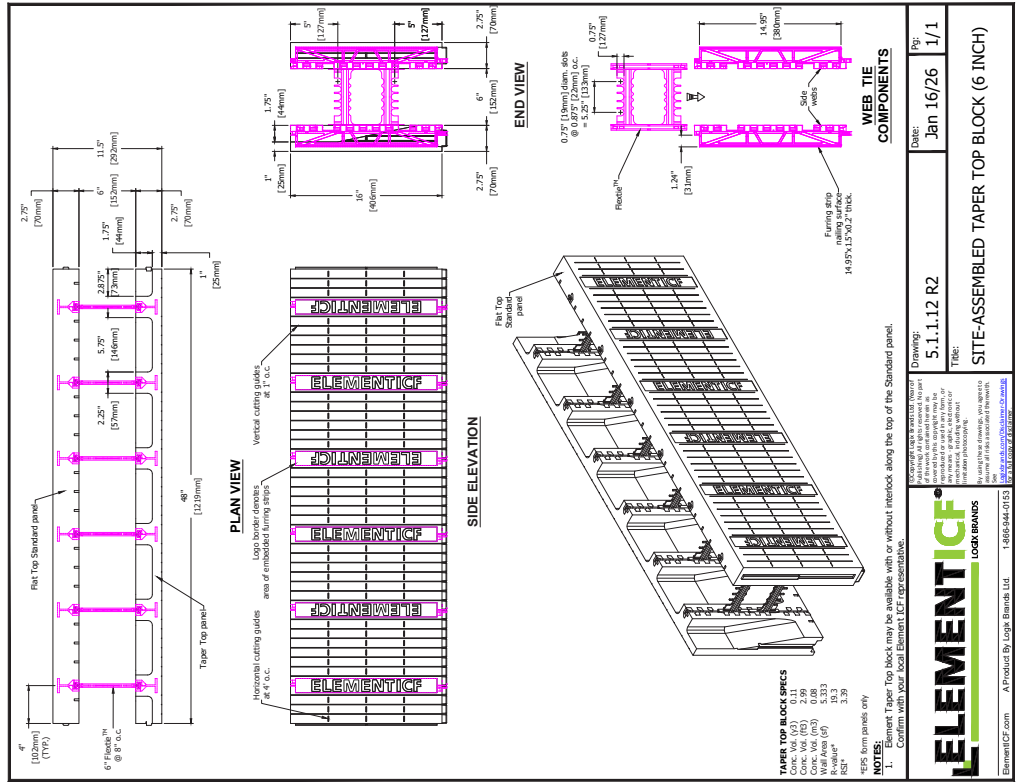




5.1 - SITE-ASSEMBLED BRICK LEDGE

5.1 - SITE-ASSEMBLED BRICK LEDGE

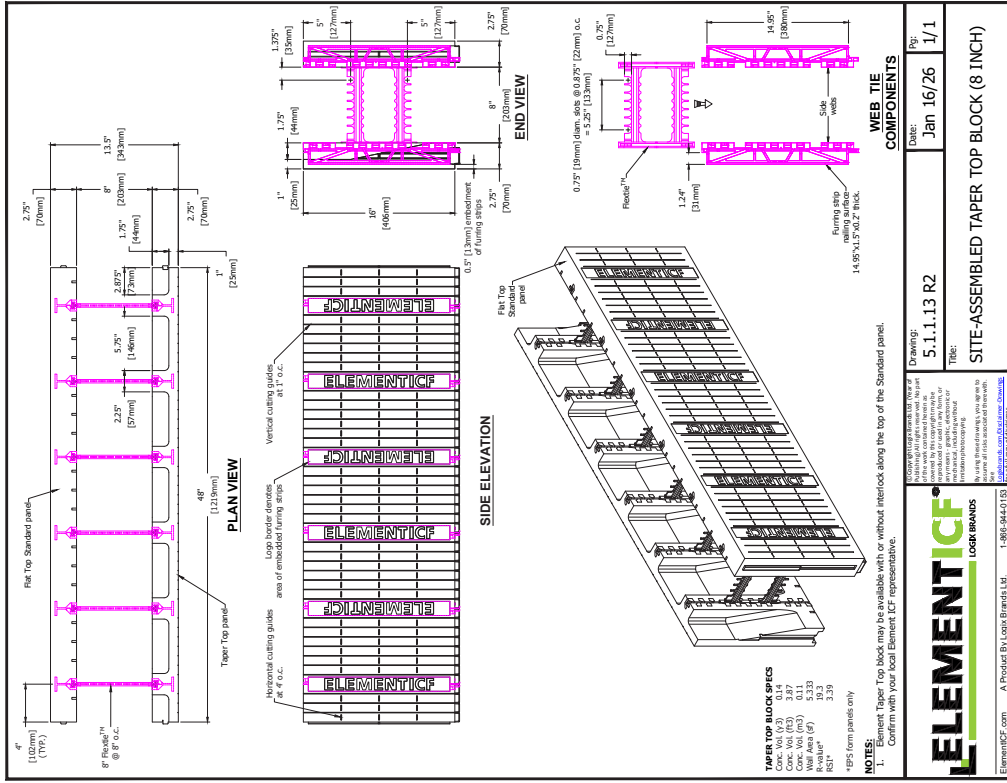
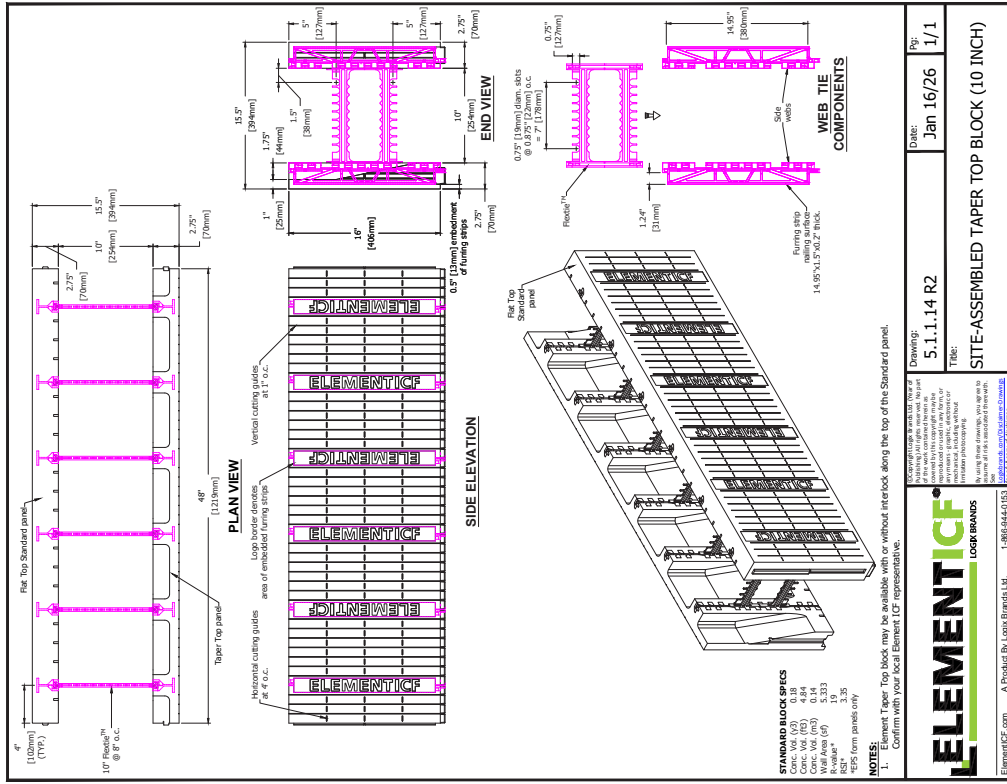




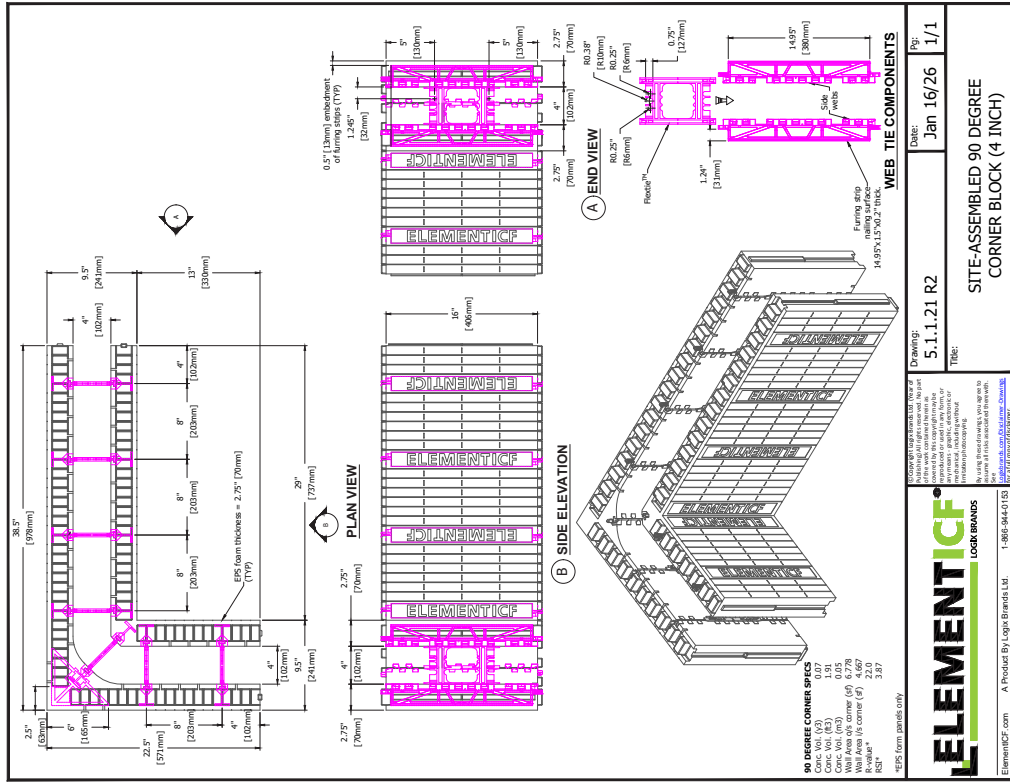
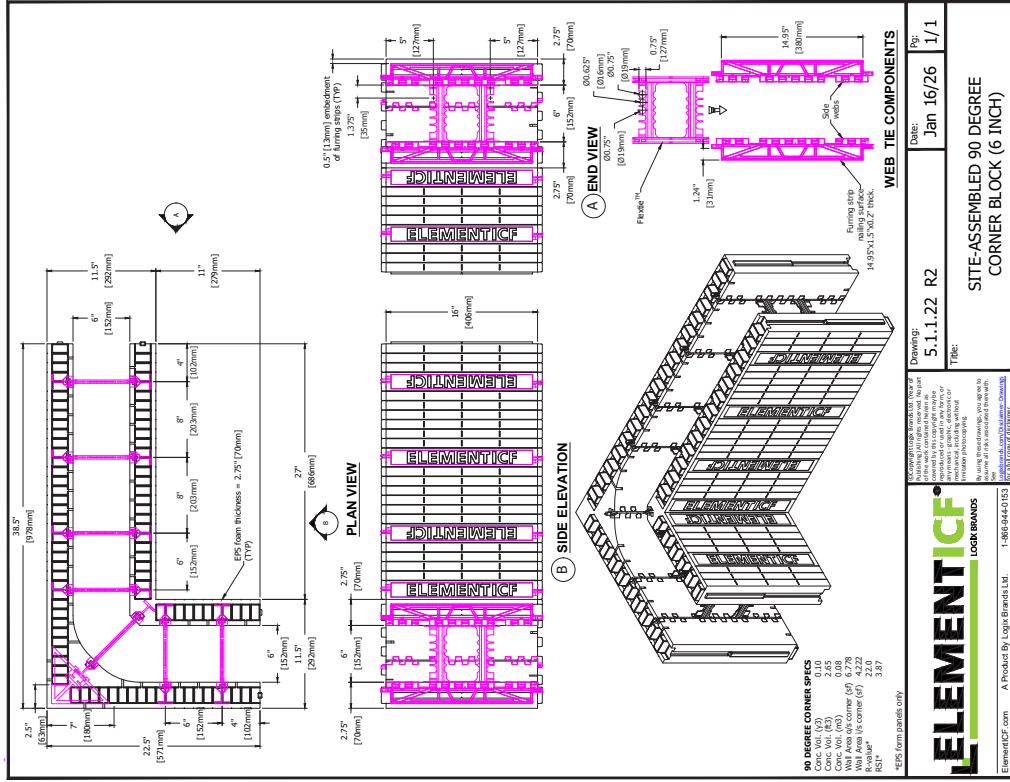
Drawings:	5.1.1.12 R2
Date:	Jan 16/26
Rev:	1/1
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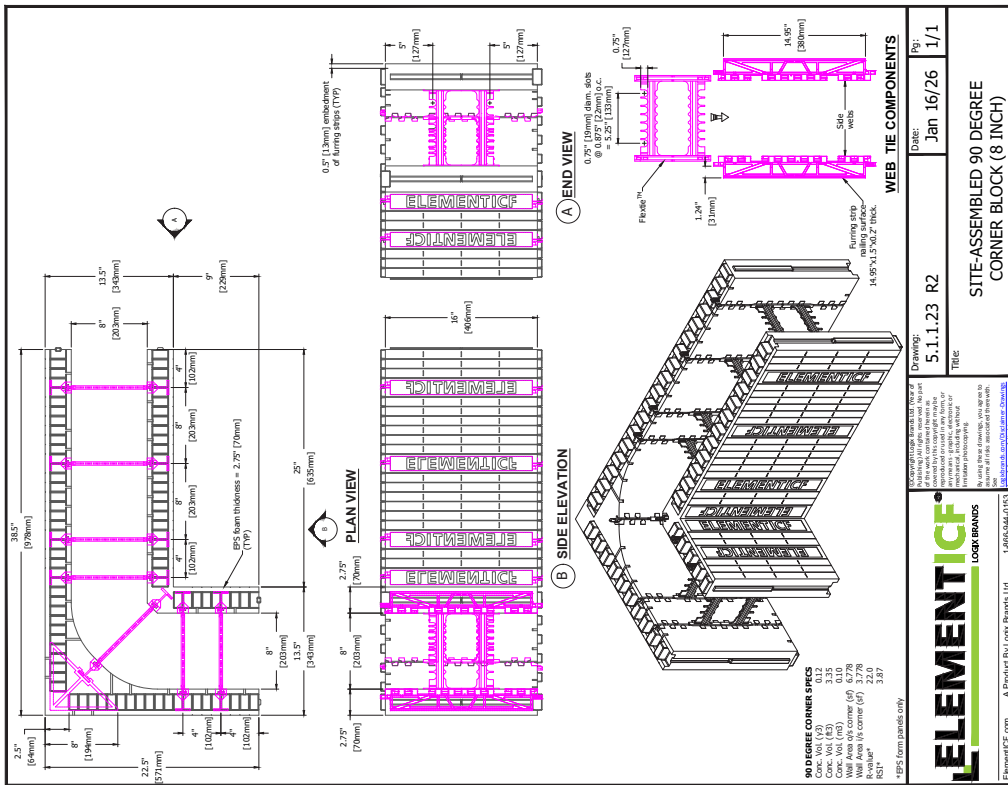
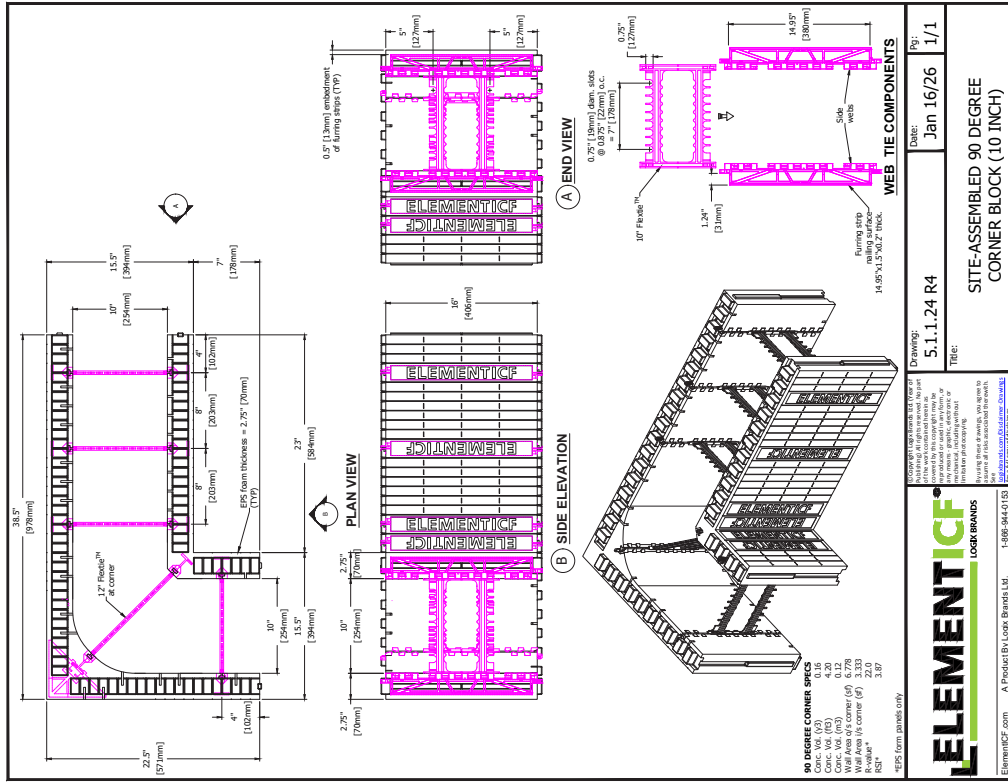
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Date:	Jan 16/26
Rev:	1/1
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5.1 - SITE-ASSEMBLED TAPER TOPS

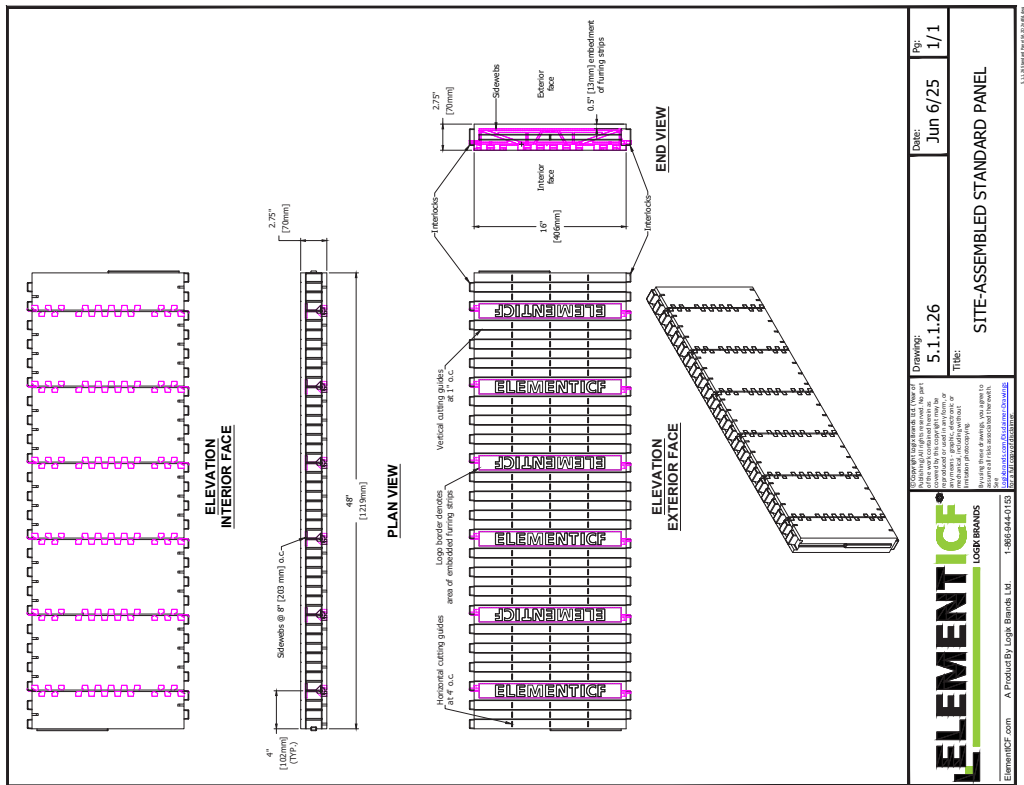
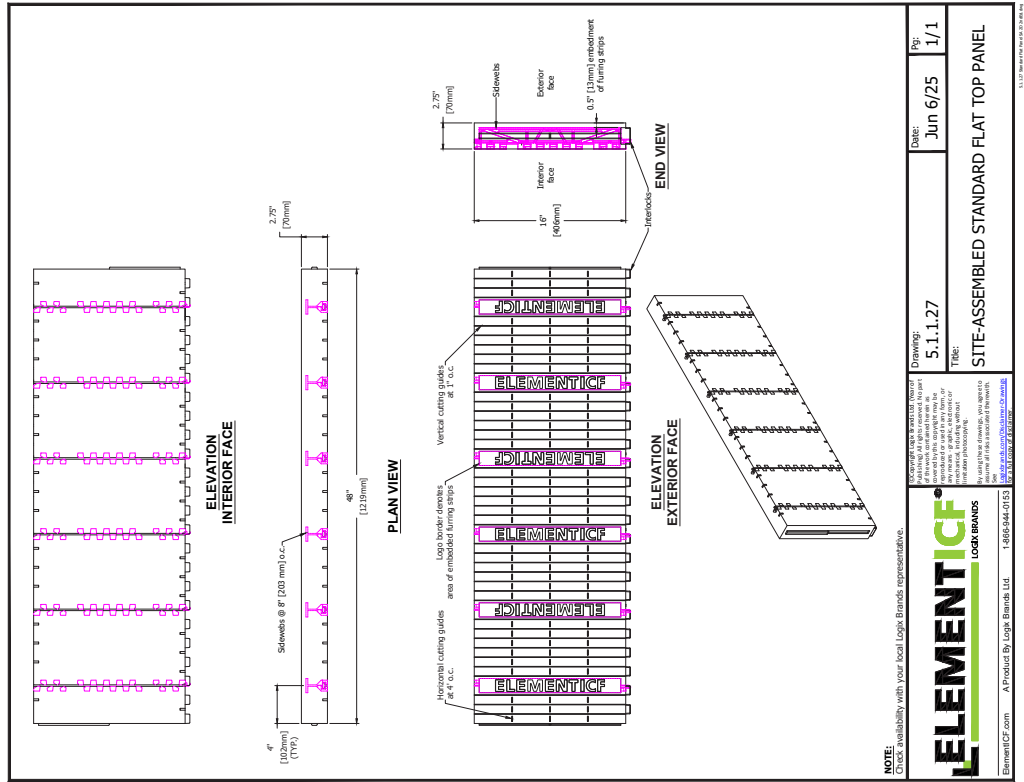


5.1 - SITE-ASSEMBLED CORNERS





5.1 - SITE-ASSEMBLED CORNERS



NOTE:
Consult with your local Logix Brands representative.

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Drawings: 5.1.1.27	Date: Jun 6/25	Rev: 1/1
TITLE: SITE-ASSEMBLED STANDARD FLAT TOP PANEL		

3.1.13.18 Rev 0001 Rev 00 00 00 00

NOTE:
Consult with your local Logix Brands representative.

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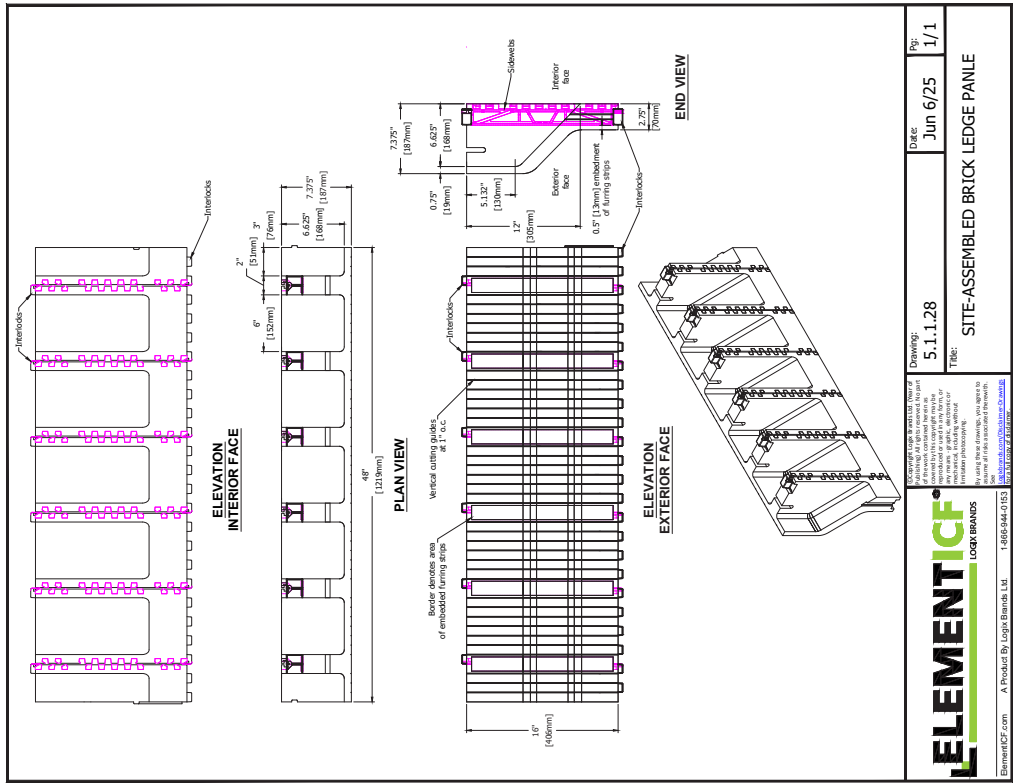
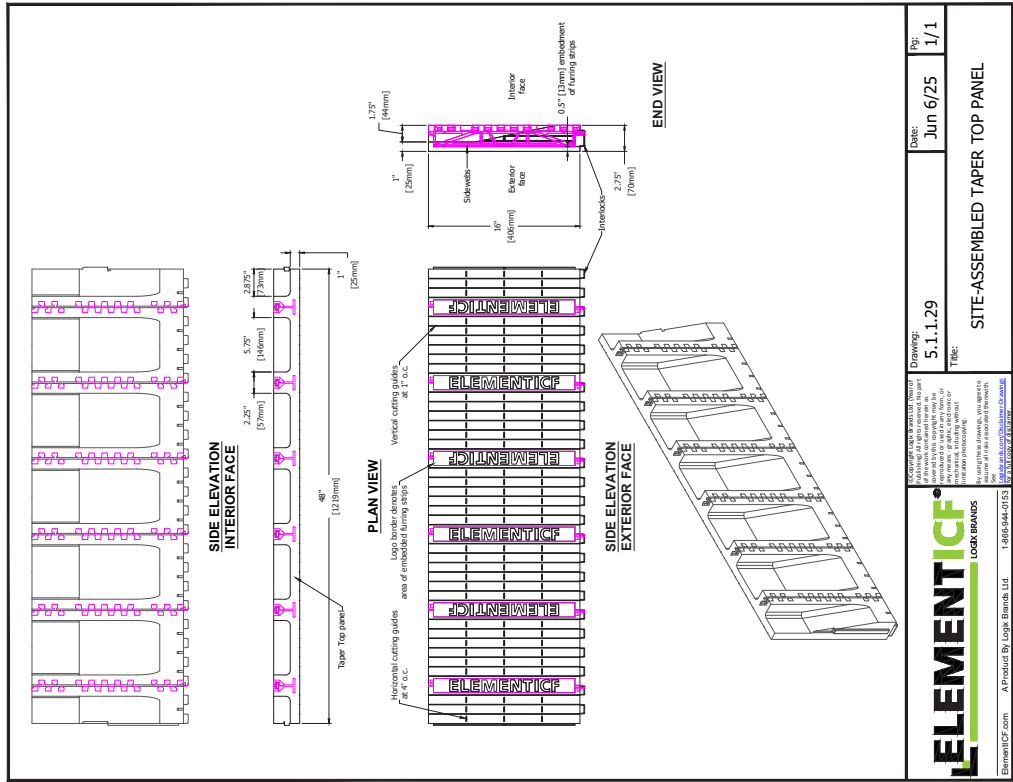
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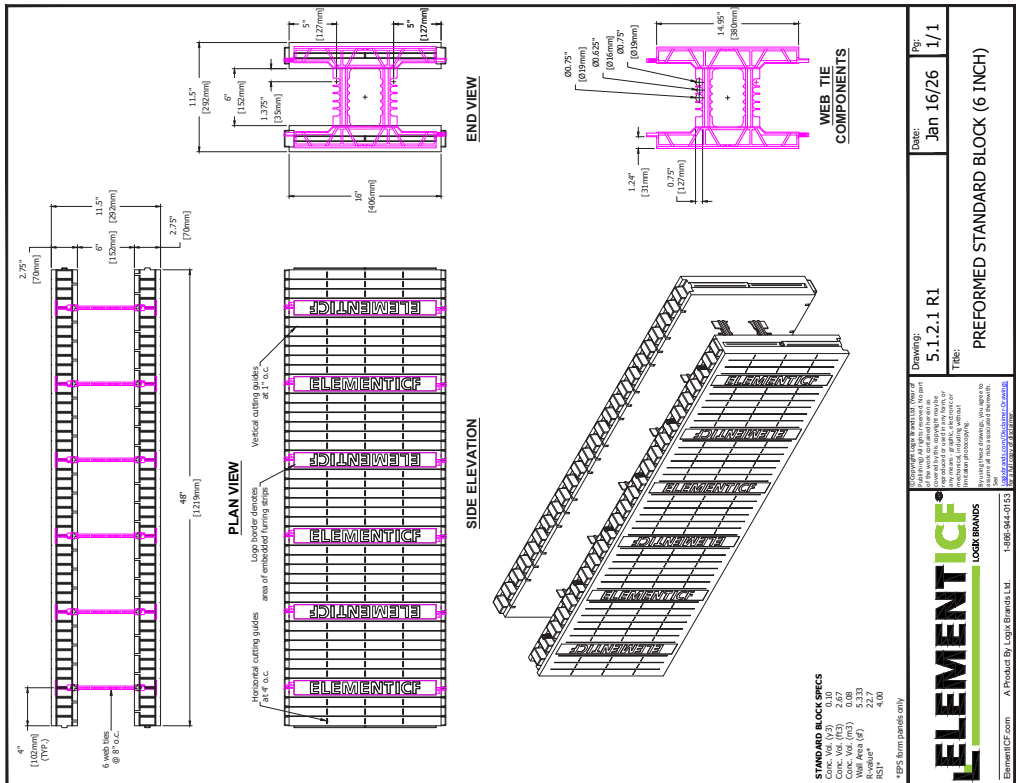
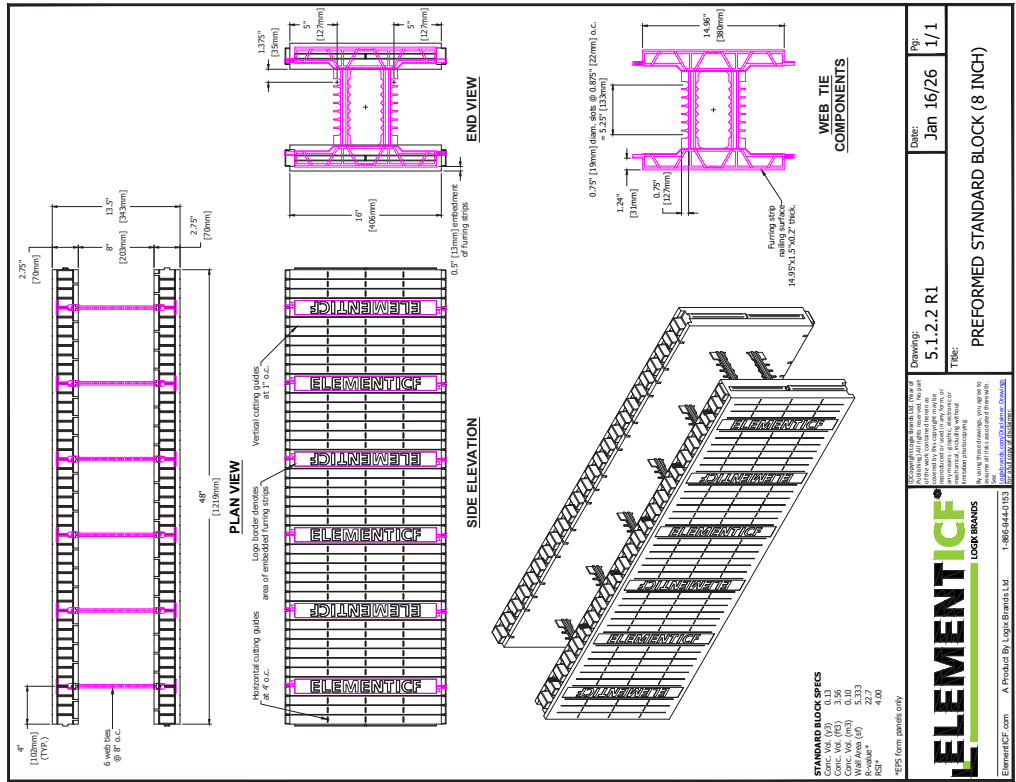
Drawings: 5.1.1.26	Date: Jun 6/25	Rev: 1/1
TITLE: SITE-ASSEMBLED STANDARD PANEL		

3.1.13.18 Rev 0001 Rev 00 00 00 00

5.1 - SITE-ASSEMBLED BLOCK PANELS

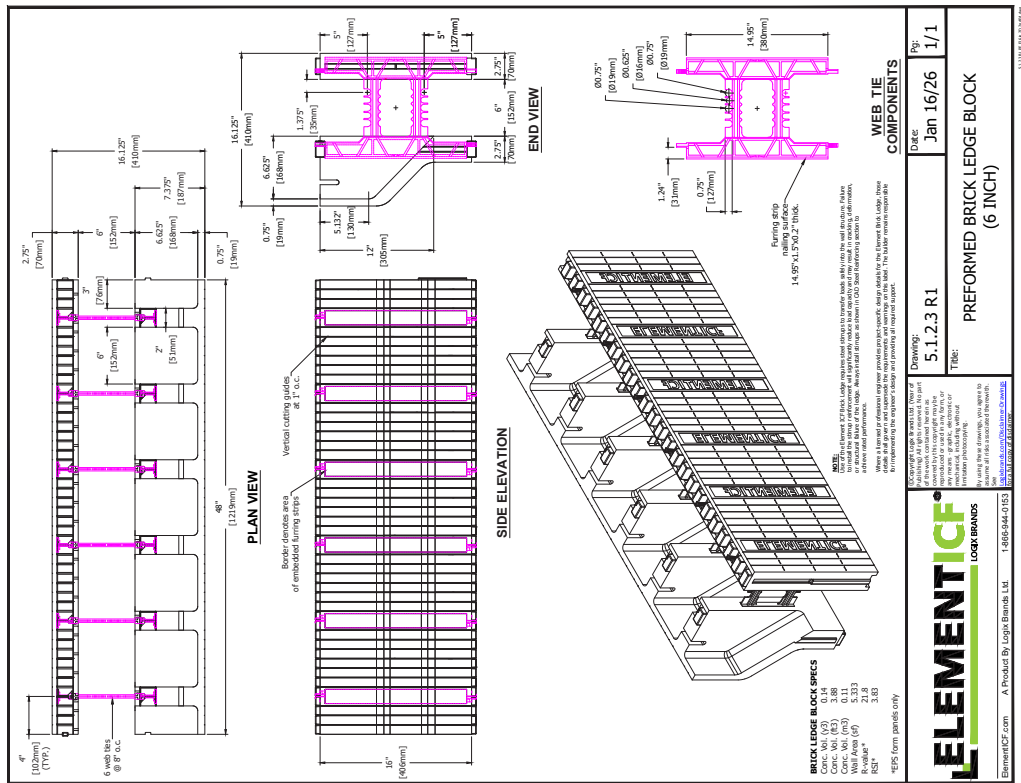
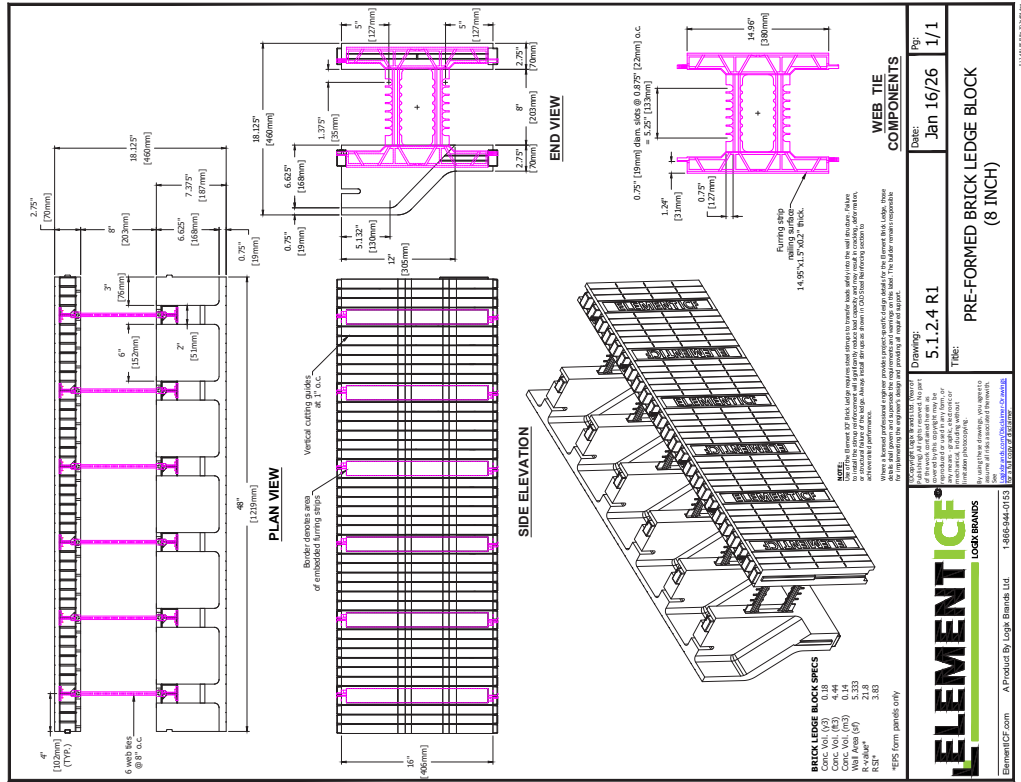
5.1 - SITE-ASSEMBLED BLOCK PANELS



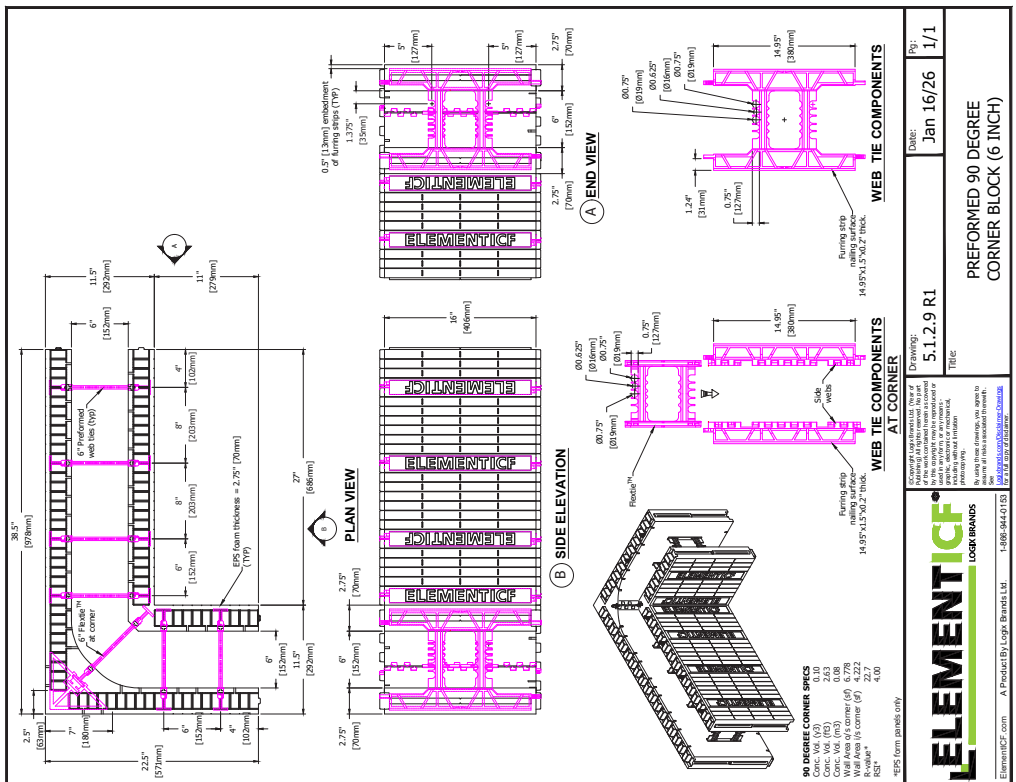
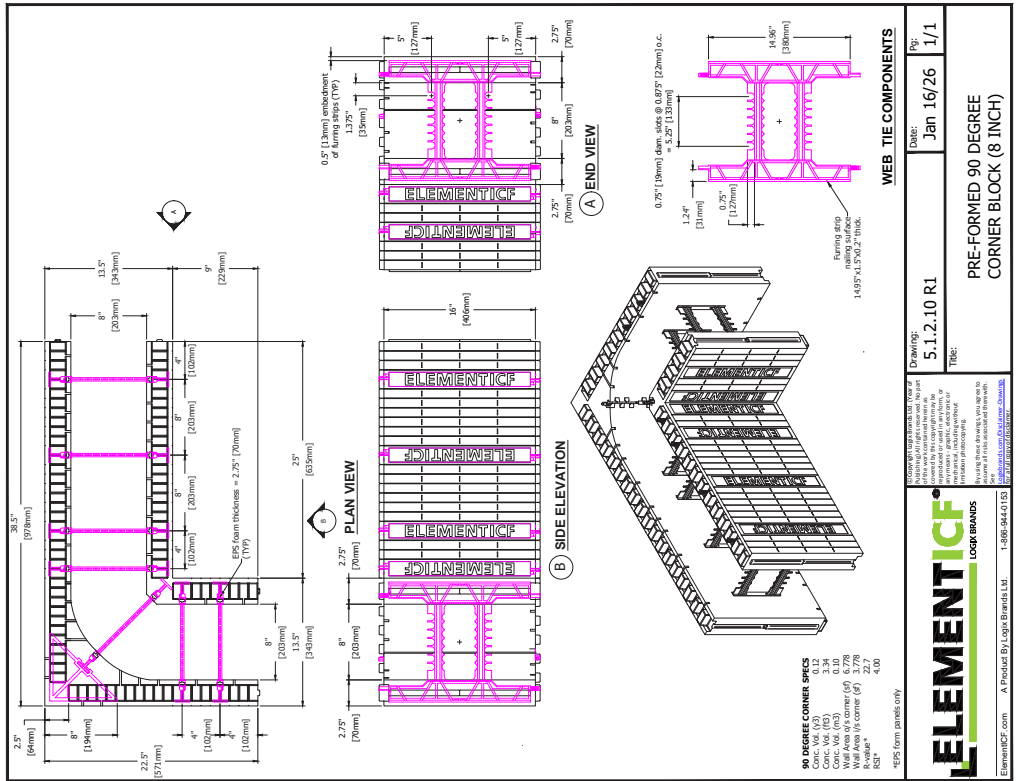


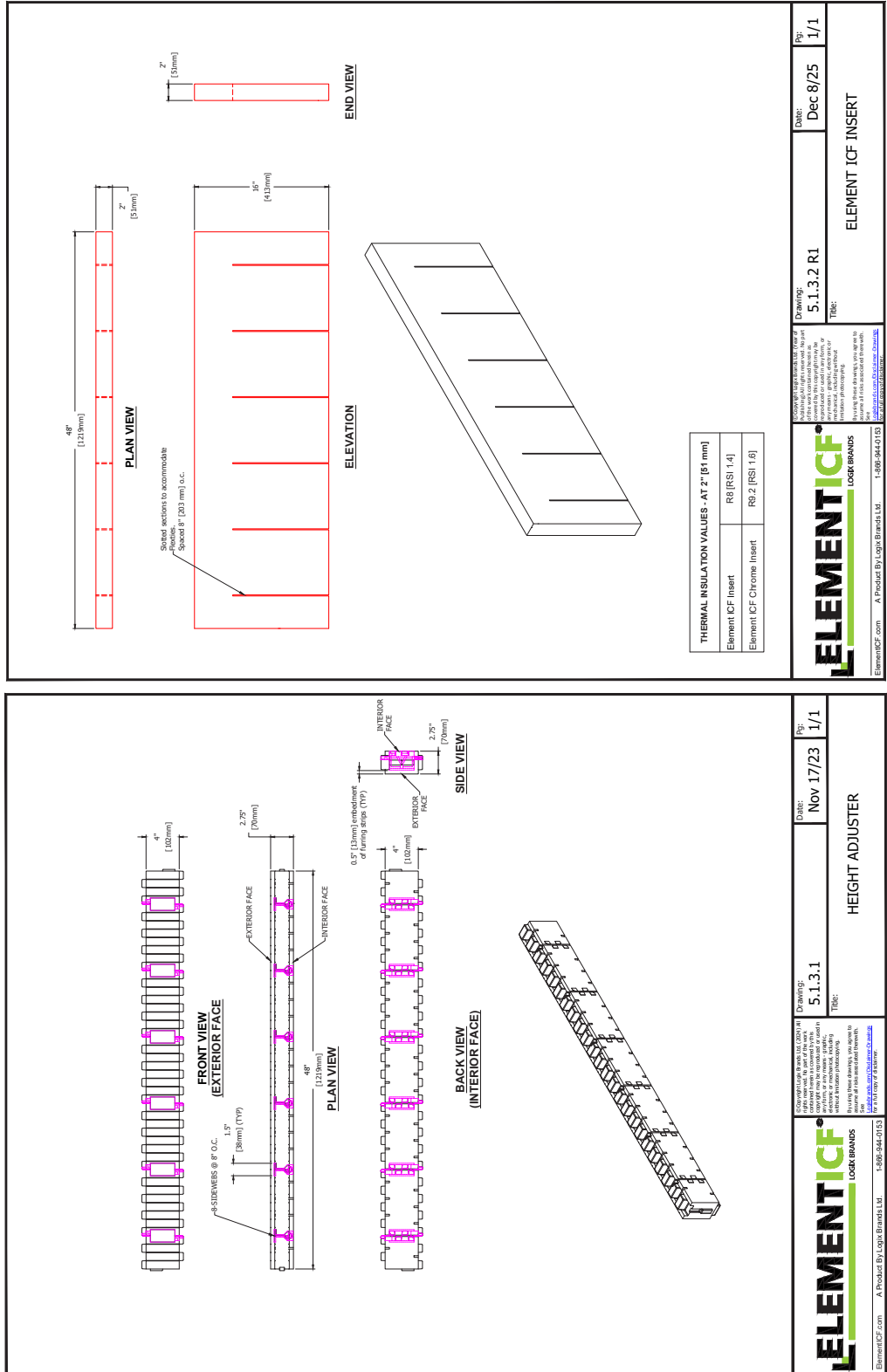
5.1 - PREFORMED STANDARDS

5.1 - PREFORMED BRICK LEDGE



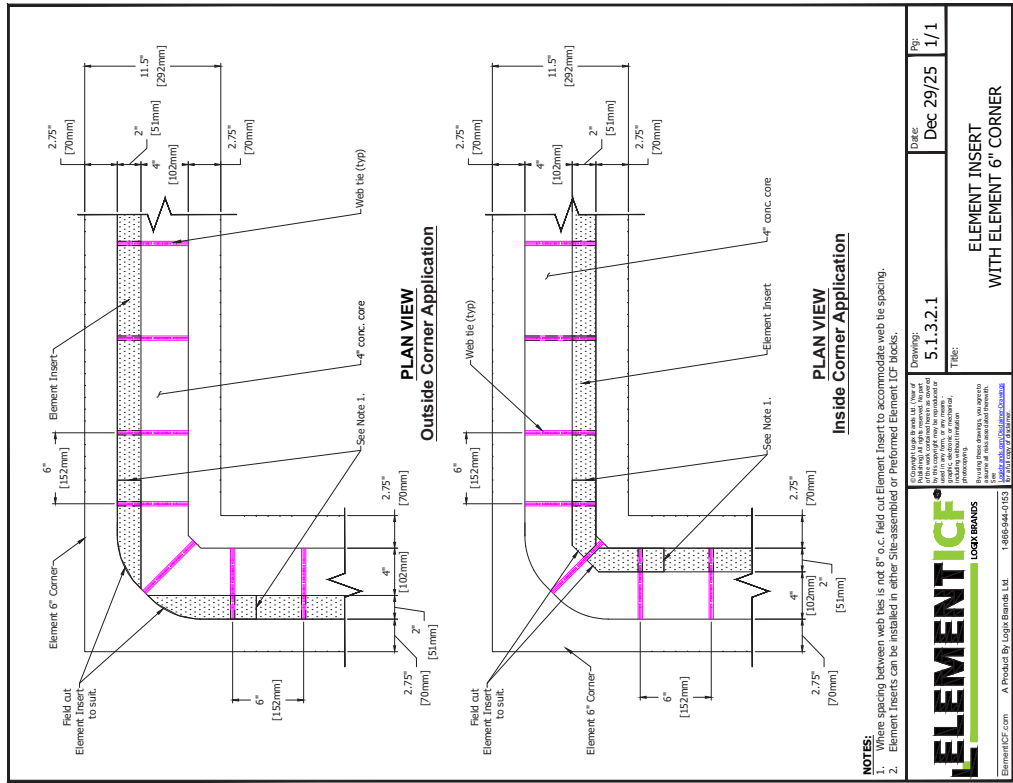
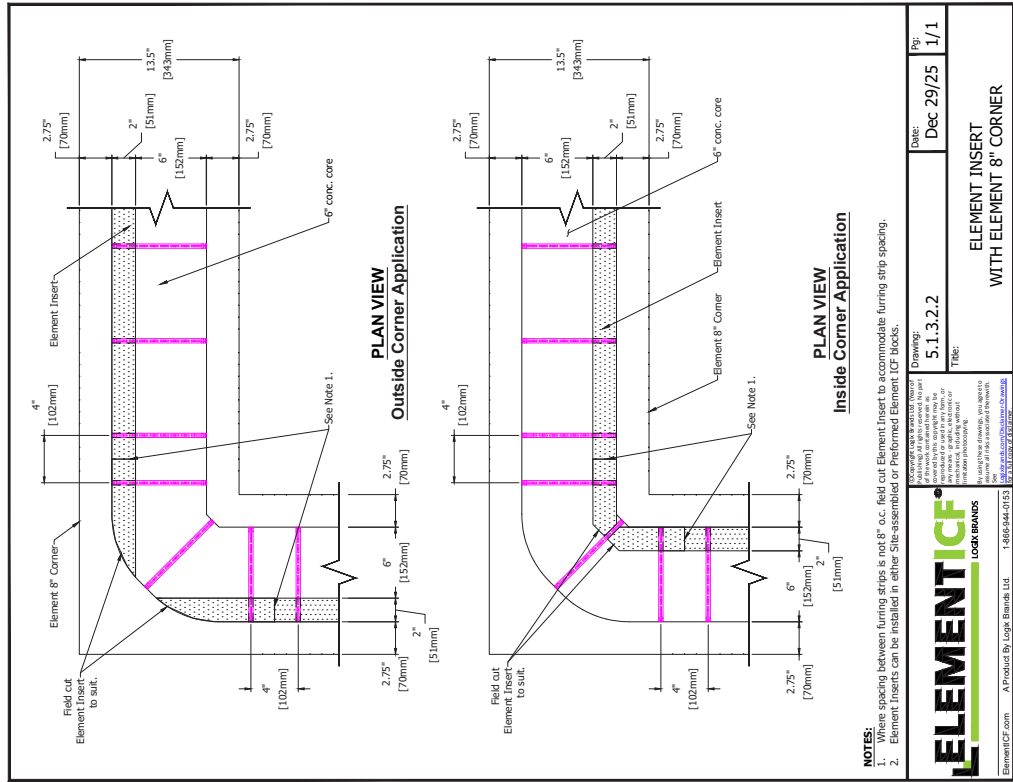
5.1 - PREFORMED CORNERS





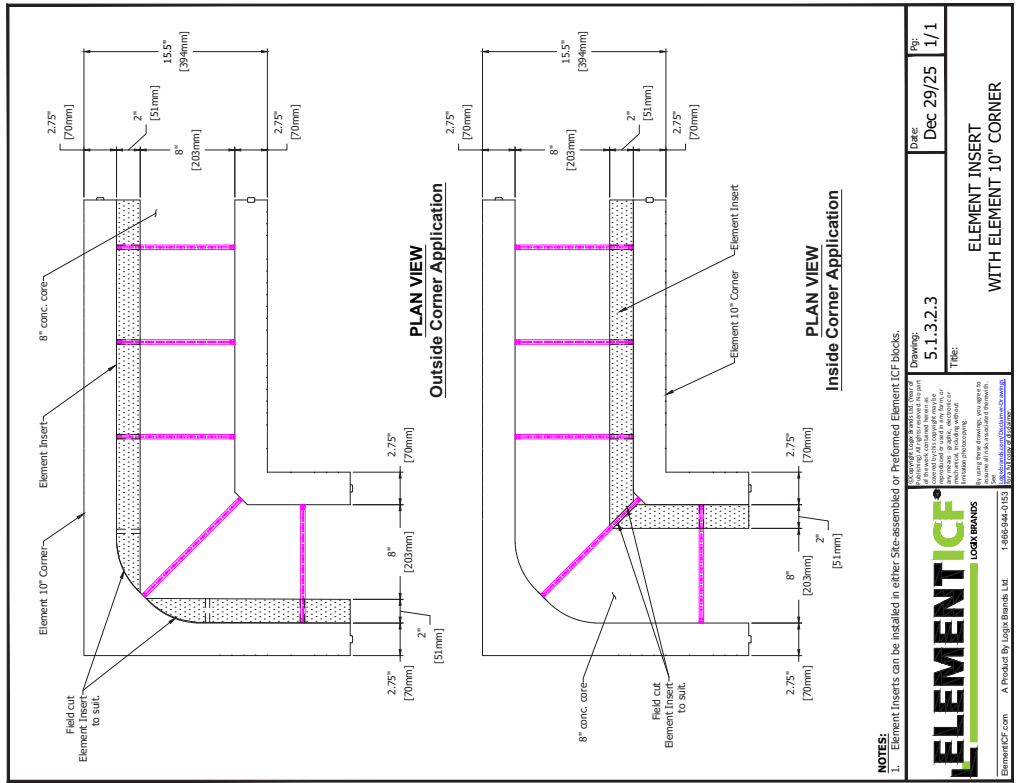
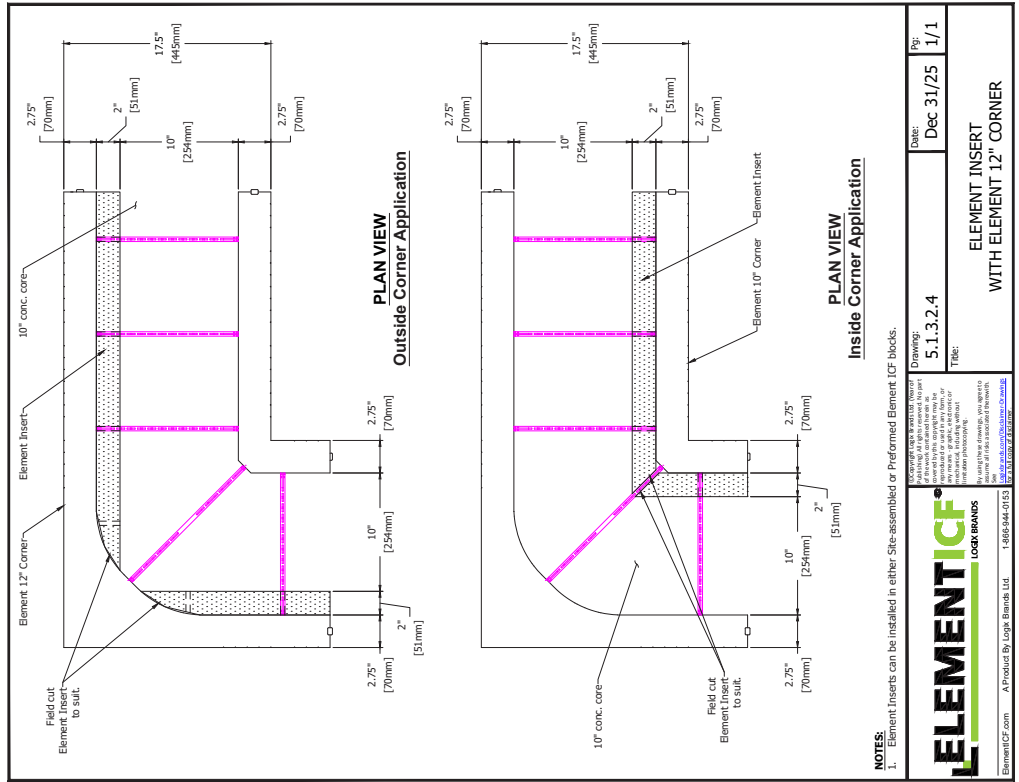
5.1 - ACCESSORIES: HEIGHT ADJUSTER & ELEMENT ICF INSERT

5.1 - ACCESSORIES: ELEMENT INSERT AT CORNERS



	Drawing: 5.1.3.2.2 Title: ELEMENT INSERT WITH ELEMENT 8' CORNER	Date: Dec 29/25 By: 1/1
	ELEMENTICF LOCK BRANDS A Product By Logix Brands Ltd. 1-800-944-0153 www.elementicf.com	

	Drawing: 5.1.3.2.1 Title: ELEMENT INSERT WITH ELEMENT 6' CORNER	Date: Dec 29/25 By: 1/1
	ELEMENTICF LOCK BRANDS A Product By Logix Brands Ltd. 1-800-944-0153 www.elementicf.com	



5.1 - ACCESSORIES: ELEMENT INSERT AT CORNERS

5.1 - ACCESSORIES: XTENDER CLIP

PLAN VIEW

END VIEW

Overall Thickness

Concrete Core Thickness

Flexite™ Size 1

Flexite™ Size 2

XTender Clips

2 1/2" thick Site-assembled EPS form panels

2 1/2" thick Site-assembled EPS form panels

XTender Clip

Flexite™ Size 1

Flexite™ Size 2

2 1/2" thick Site-assembled EPS form panels

2 1/2" thick Site-assembled EPS form panels

1" (26mm)

1 1/4" (31mm)

5 1/4" (134mm)

1" (26mm)

1 1/4" (31mm)

1" (26mm)

1 1/4" (31mm)

Form Sizes with Xtender Clip

Flexite™ Size 1 + Flexite™ Size 2	Concrete Core Thickness	Overall Thickness
4" x 4"	9 1/2"	241 mm
4" x 4"	11 1/2"	292 mm
4" x 6"	11 1/2"	292 mm
4" x 6"	11 1/2"	292 mm
4" x 8"	11 1/2"	292 mm
4" x 8"	11 1/2"	292 mm
4" x 10"	11 1/2"	292 mm
4" x 10"	11 1/2"	292 mm
4" x 12"	11 1/2"	292 mm
4" x 12"	11 1/2"	292 mm
6" x 6"	1-3 1/2"	394 mm
6" x 6"	1-3 1/2"	394 mm
6" x 8"	1-3 1/2"	394 mm
6" x 8"	1-3 1/2"	394 mm
6" x 10"	1-5 1/2"	495 mm
6" x 10"	1-5 1/2"	495 mm
6" x 12"	1-5 1/2"	495 mm
6" x 12"	1-5 1/2"	495 mm
8" x 8"	1-7 1/2"	495 mm
8" x 8"	1-7 1/2"	495 mm
8" x 10"	1-9 1/2"	546 mm
8" x 10"	1-9 1/2"	546 mm
8" x 12"	1-9 1/2"	546 mm
8" x 12"	1-9 1/2"	546 mm
10" x 10"	1-11 1/2"	597 mm
10" x 10"	1-11 1/2"	597 mm
10" x 12"	1-11 1/2"	597 mm
10" x 12"	1-11 1/2"	597 mm
12" x 12"	2-1 1/2"	648 mm
12" x 12"	2-1 1/2"	648 mm
12" x 12"	2-1 1/2"	648 mm
12" x 12"	2-1 1/2"	648 mm

NOTE: Concrete Core Thickness varies with the Form Assembly Type.

ELEMENT ICF®
LOCK BRANDS

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Drawing: 5.1.3.3

Date: Sep 16/24

Page: 1/1

XTENDER CLIP

1/13 (REV. 10/18)



6 INCH FLEXITIE™ PERSPECTIVE

6 INCH FLEXITIE™

6 INCH FLEXITIE™ LOCK BRANDS

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Drawing: 5.1.4.2 R1 **Date:** Jan 17/26 **Page:** 1/1

Title: 6 INCH FLEXITIE™

4 INCH FLEXITIE™ PERSPECTIVE

4 INCH FLEXITIE™

4 INCH FLEXITIE™ LOCK BRANDS

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Drawing: 5.1.4.1 R1 **Date:** Jan 17/26 **Page:** 1/1

Title: 4 INCH FLEXITIE™

8 INCH FLEXTIE™
PERSPECTIVE

8 INCH FLEXTIE™

Inside face of ICF

7 - 20mm (0.08 in) Ø x 14.5" (368mm) L o.c. = 5.25" (133mm)

1.25" (32mm)

1" (25mm)

3.4" (86mm)

2.0" (51mm)

8" (203mm)

0.25" (12.7mm)

14.55" (368mm)

Side webs

FlexTie™

Furring strip nailing surface - 14.55" x 1.5" x 0.2" thick.

WEB TIE COMPONENTS

END VIEW SITE-ASSEMBLED BLOCK

8" (203mm)

13.5" (343mm)

5.38" (137mm)

5.25" (133mm)

5.38" (137mm)

10 INCH FLEXTIE™
PERSPECTIVE

10 INCH FLEXTIE™

Inside face of ICF

9 - 20mm (0.08 in) Ø x 14.5" (368mm) L o.c. = 7" (178mm)

1.5" (38mm)

1" (25mm)

3.4" (86mm)

2.0" (51mm)

11" (279mm)

0.25" (12.7mm)

14.55" (368mm)

Side webs

FlexTie™

Furring strip nailing surface - 14.55" x 1.5" x 0.2" thick.

WEB TIE COMPONENTS

END VIEW SITE-ASSEMBLED BLOCK

10" (254mm)

15.5" (394mm)

5.38" (137mm)

5.25" (133mm)

5.38" (137mm)

ELEMENTICF™ LOCK BRANDS

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1.1.16 - FlexTie 1/16 R1

8 INCH FLEXTIE™

Drawing: 5.1.4.3 R1

Date: Jan 17/26

Page: 1/1

TBC:

ELEMENTICF™ LOCK BRANDS

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1.1.16 - FlexTie 1/16 R1

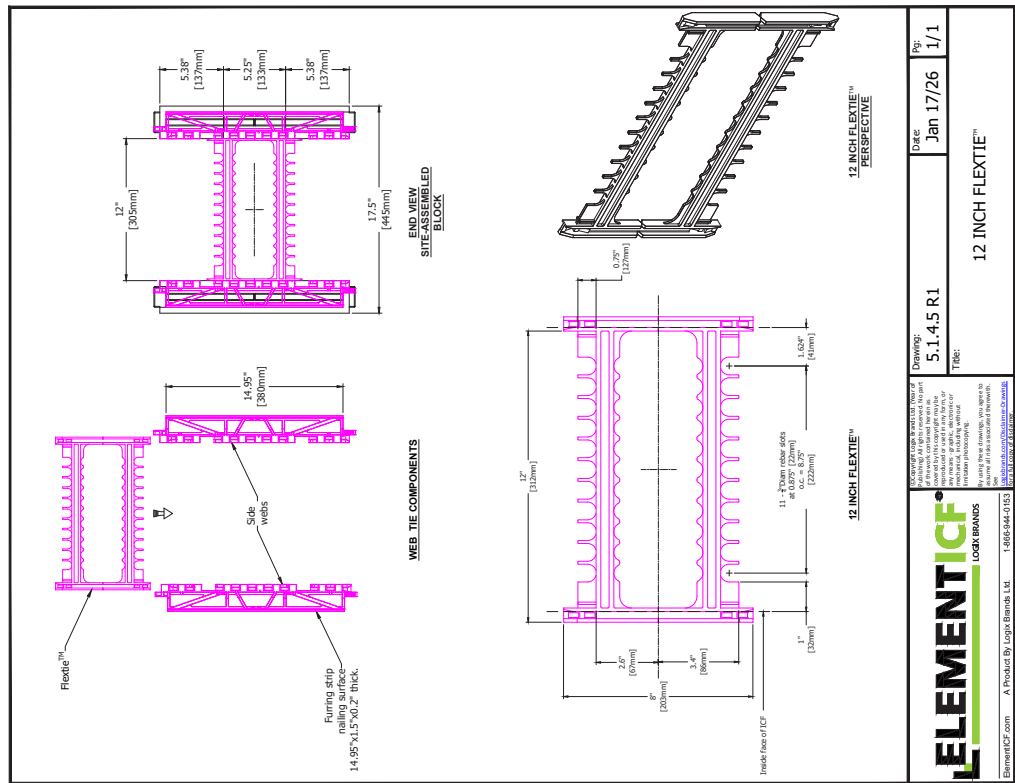
10 INCH FLEXTIE™

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Date: Jan 17/26

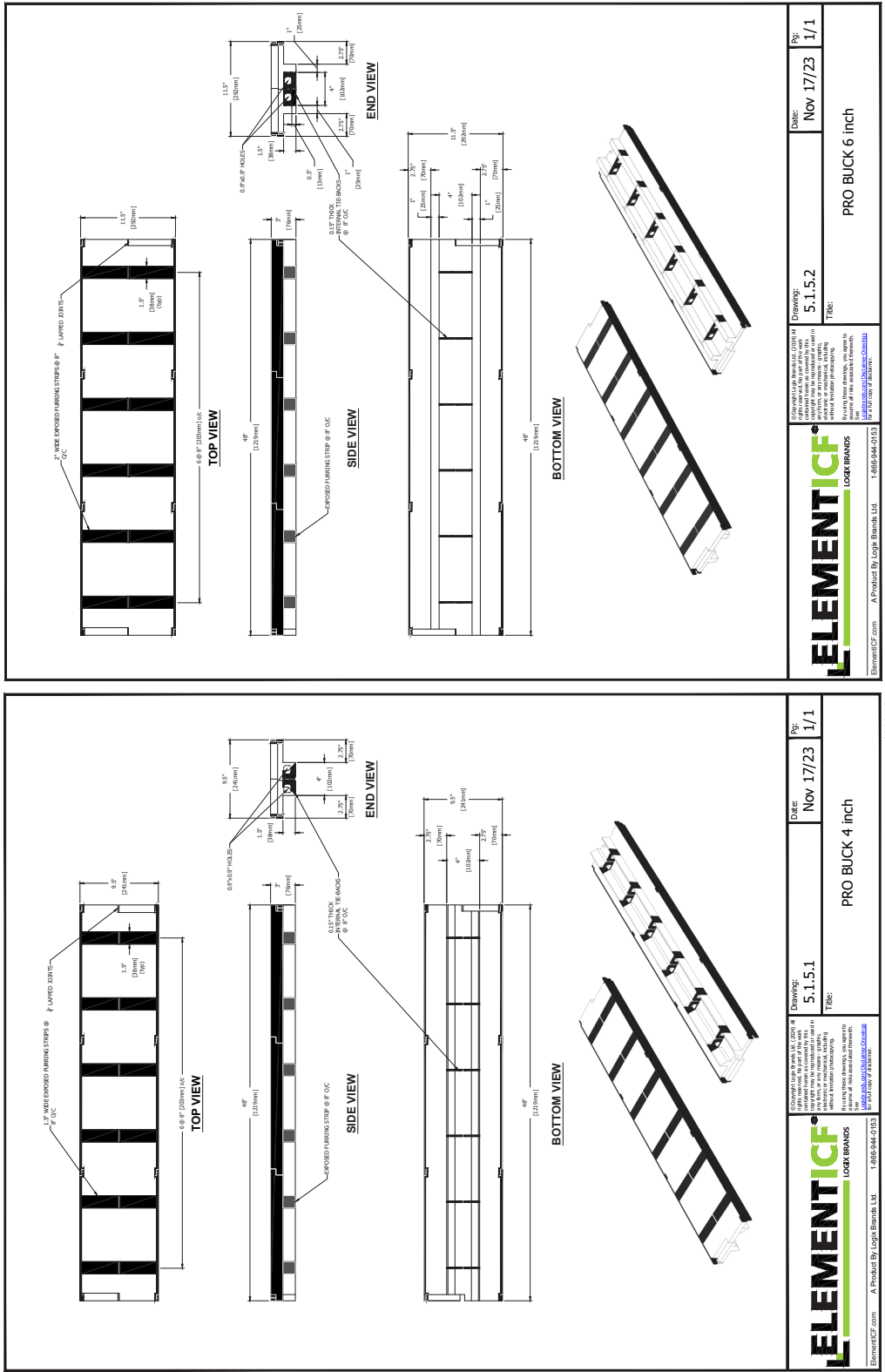
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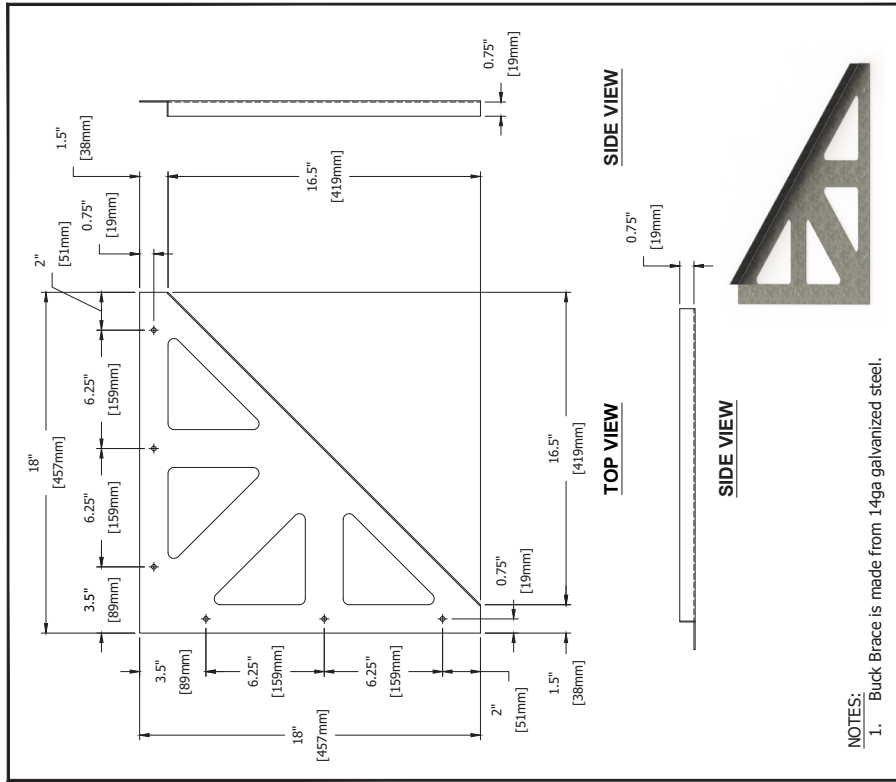
TBC:



	Drawing: 5.1.4.5 R1	Date: Jan 17/26	Rev: 1/1
	Title: 12 INCH FLEXTIE™		
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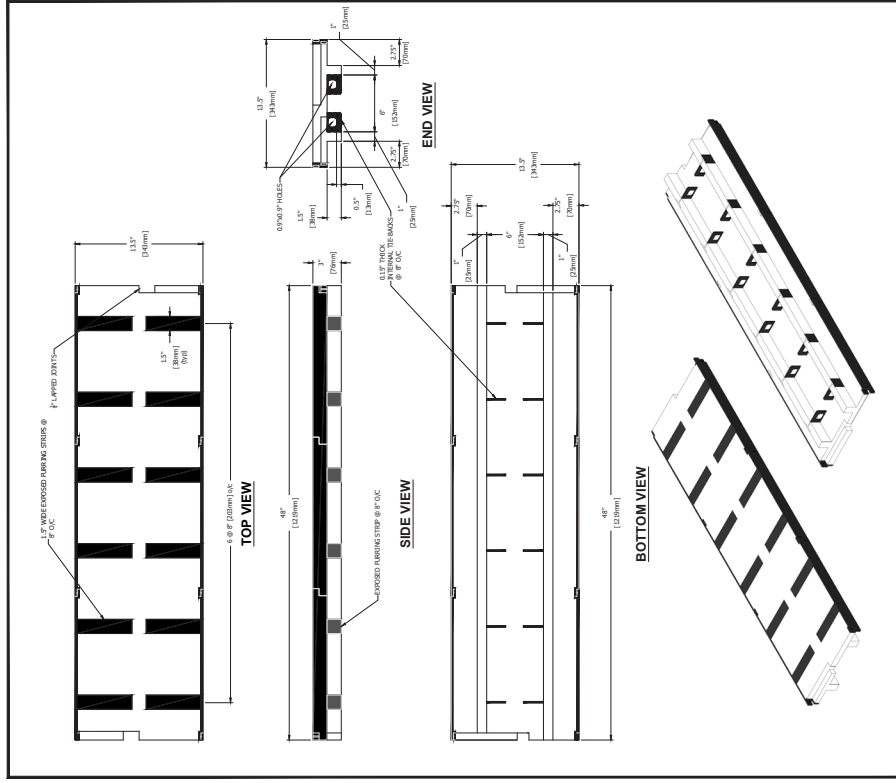
5.1 - PRO BUCK





NOTES:
1. Buck Brace is made from 14ga galvanized steel.

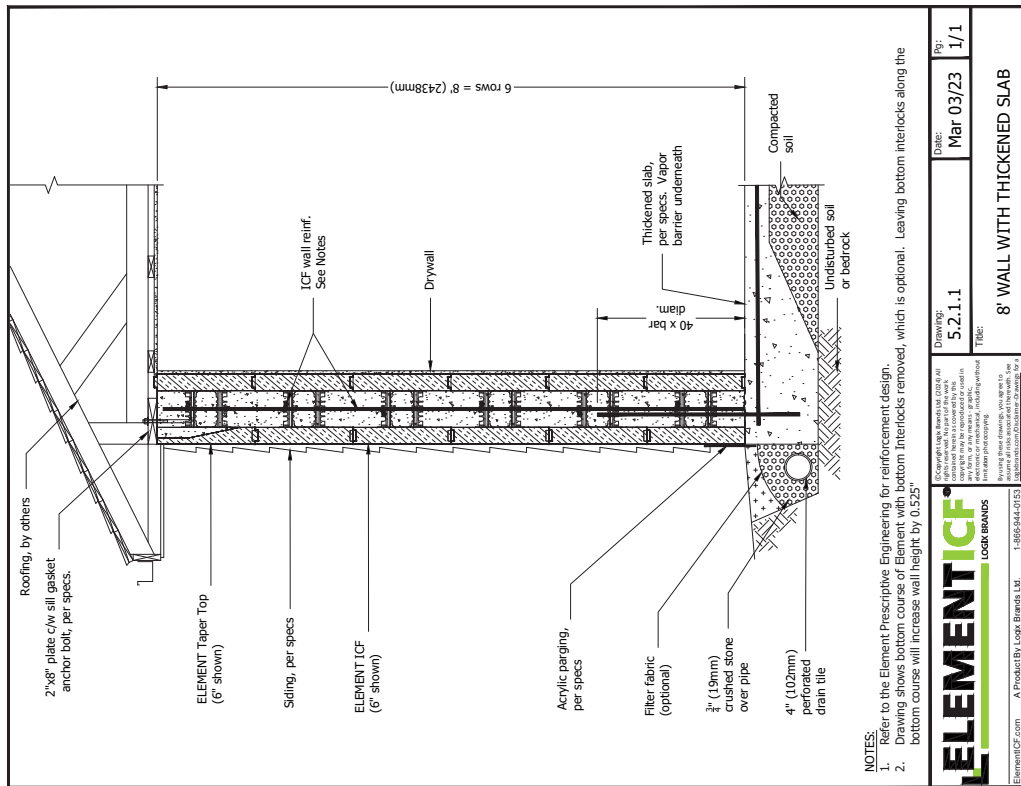
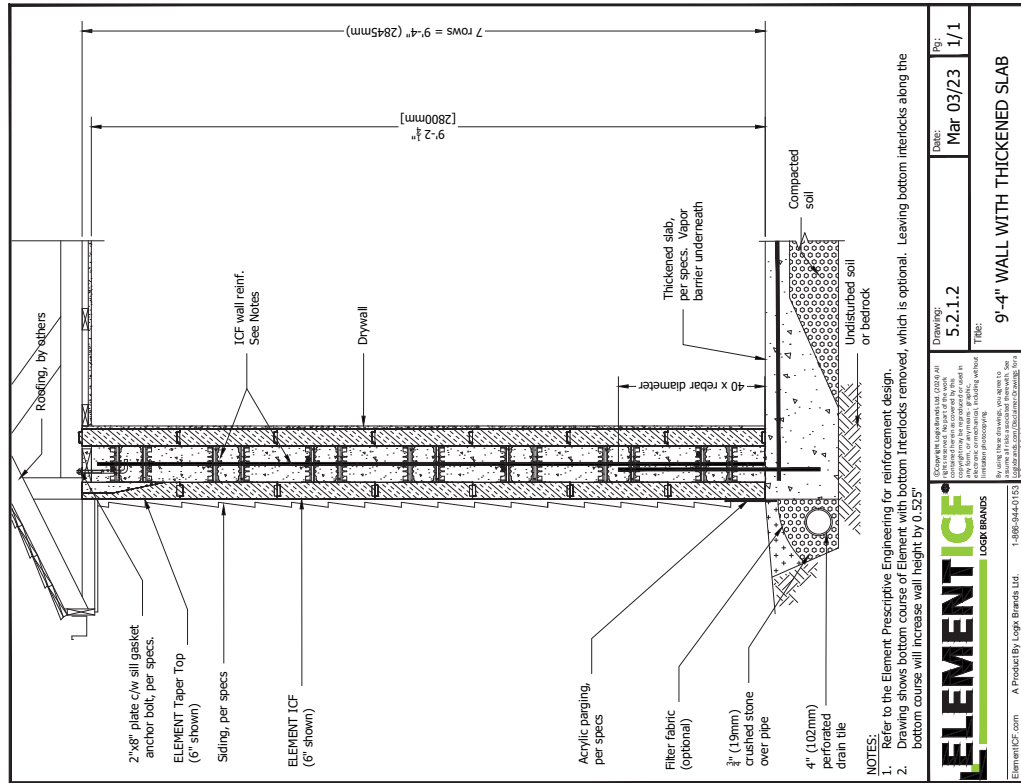
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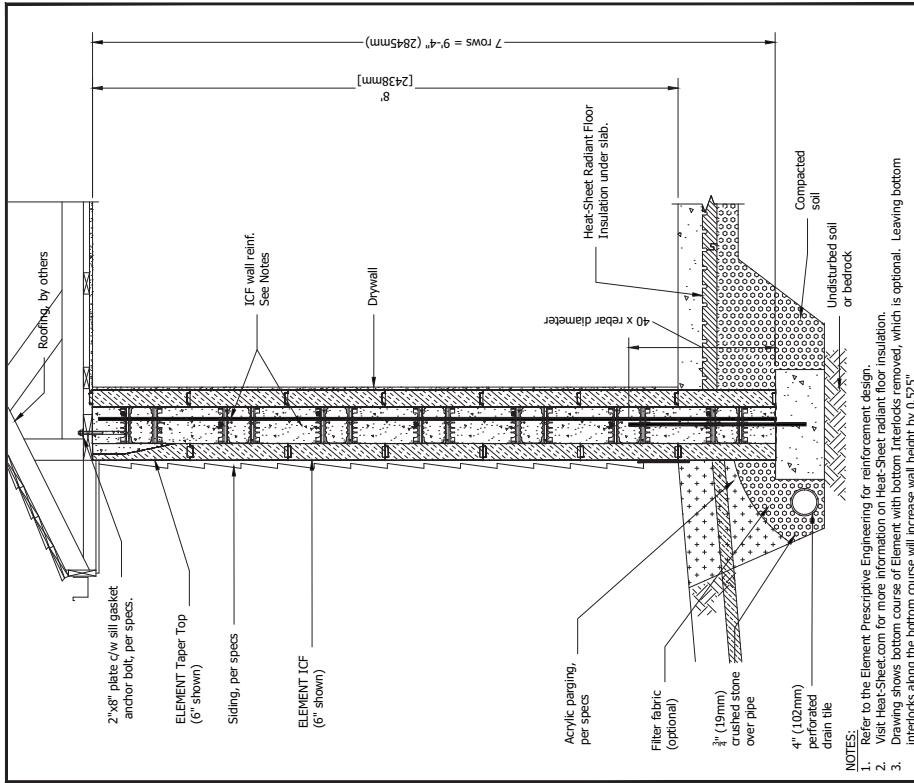
ElementICF.com	A Product By Logix Brands Ltd. 1-866-944-0153
Drawing: 5.1.5.3 Title: PRO BUCK 8 inch	Date: Nov 17/23 Pgs: 1/1



5.2 - WALL SECTIONS

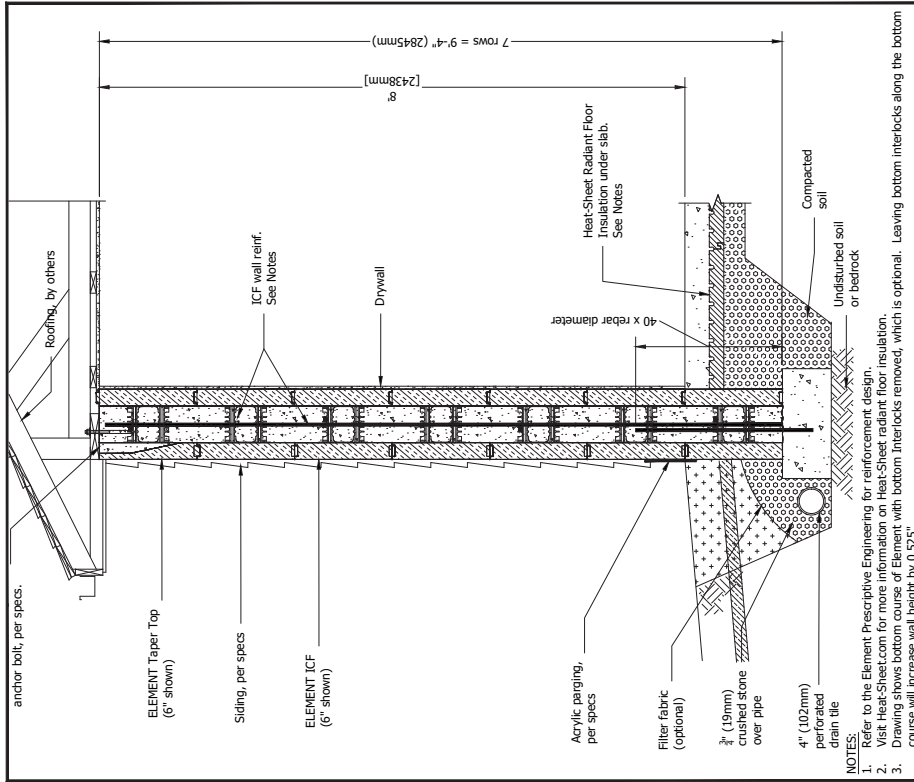


5.2 - SLAB AT GRADE



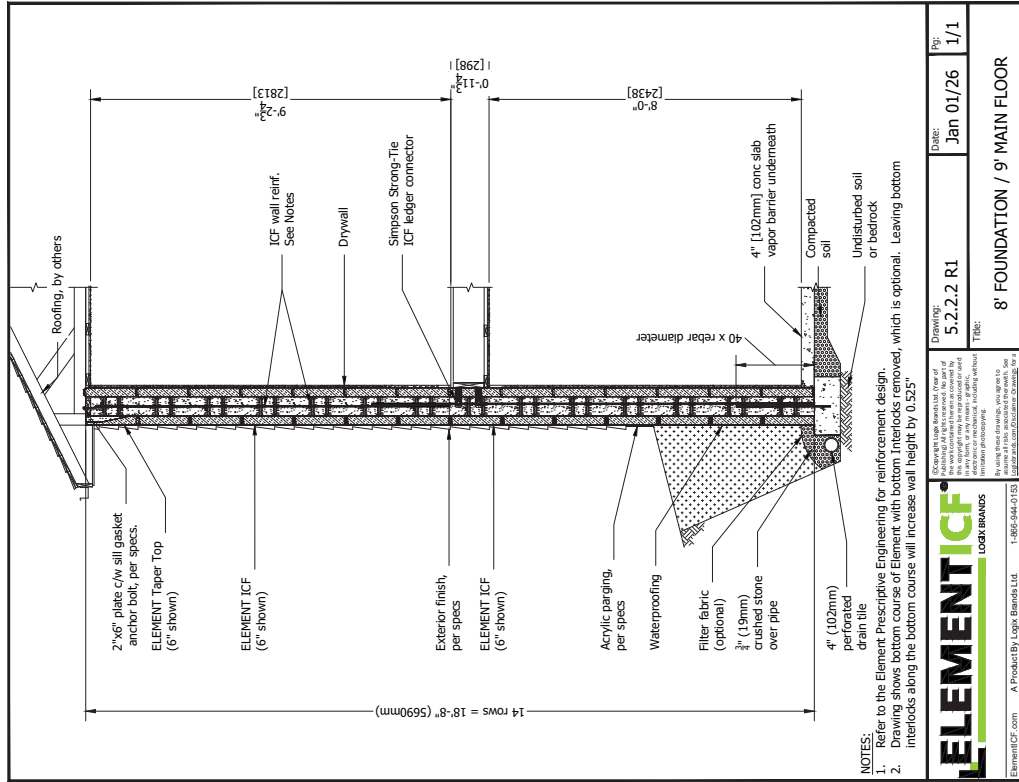
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<p>8' WALL WITH SHALLOW FROST WALL</p>		

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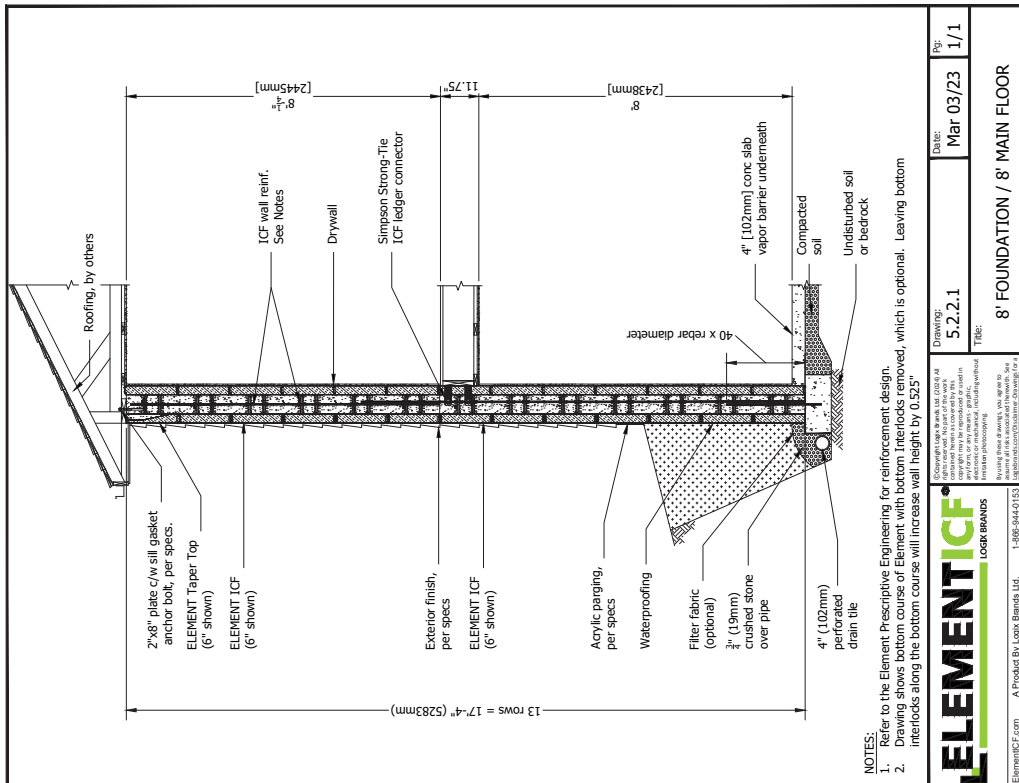
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<p>9' WALL WITH SHALLOW FROST WALL</p>		

25/2024 13:33:32 AM



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Drawing shows bottom course of Element with bottom Interlocks removed, which is optional. Leaving bottom interlocks along the bottom course will increase wall height by 0.325"

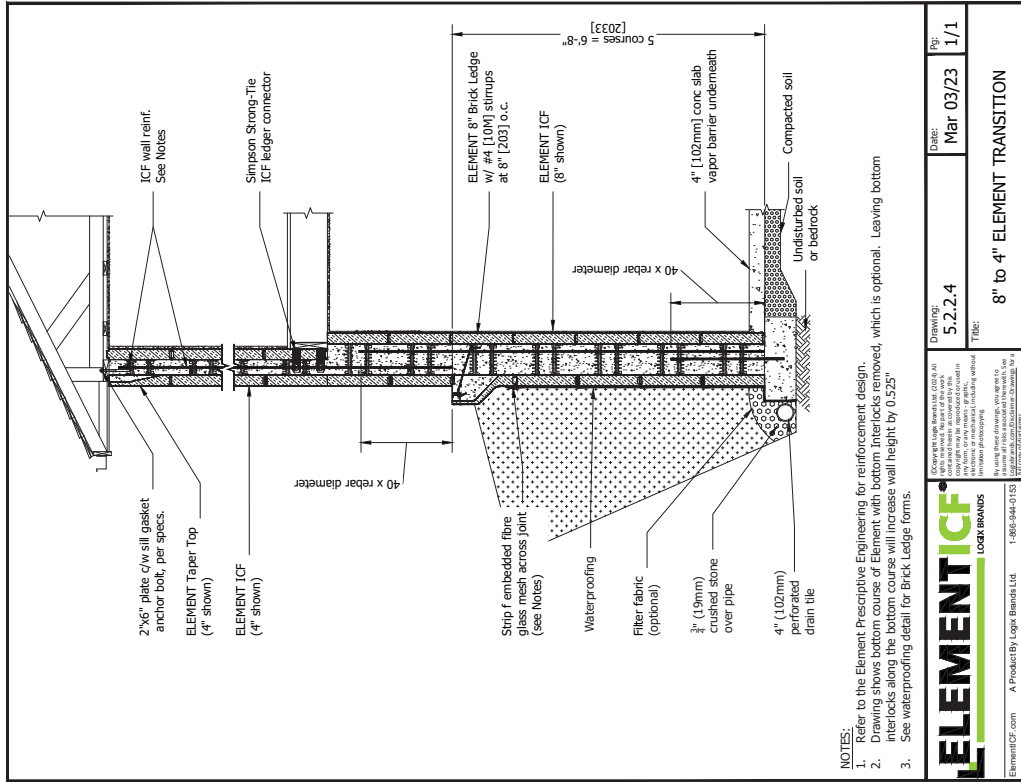
	Drawing: 5.2.2.2 R1 Title: 8' FOUNDATION / 9' MAIN FLOOR	Date: Jan 01/26 Pp: 1/1
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NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Drawing shows bottom course of Element with bottom Interlocks removed, which is optional. Leaving bottom interlocks along the bottom course will increase wall height by 0.325"

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5.2 - ONE STORY PLUS BASEMENT



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Drawing shows bottom course of Element with bottom interlocks removed, which is optional. Leaving bottom interlocks along the bottom course will increase wall height by 0.525".
 3. See waterproofing detail for Brick Ledger forms.

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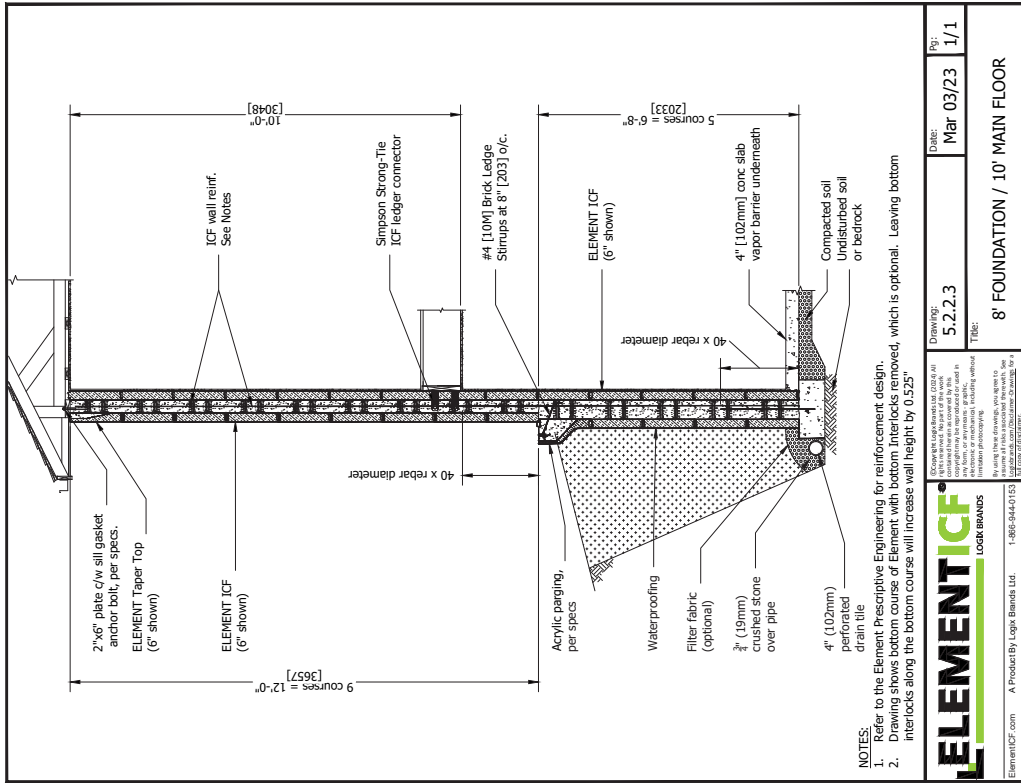
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Drawing: 5.2.2.4
 Date: Mar 03/23
 Pg: 1/1

Title: 8" to 4" ELEMENT TRANSITION



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Drawing shows bottom course of Element with bottom interlocks removed, which is optional. Leaving bottom interlocks along the bottom course will increase wall height by 0.525".

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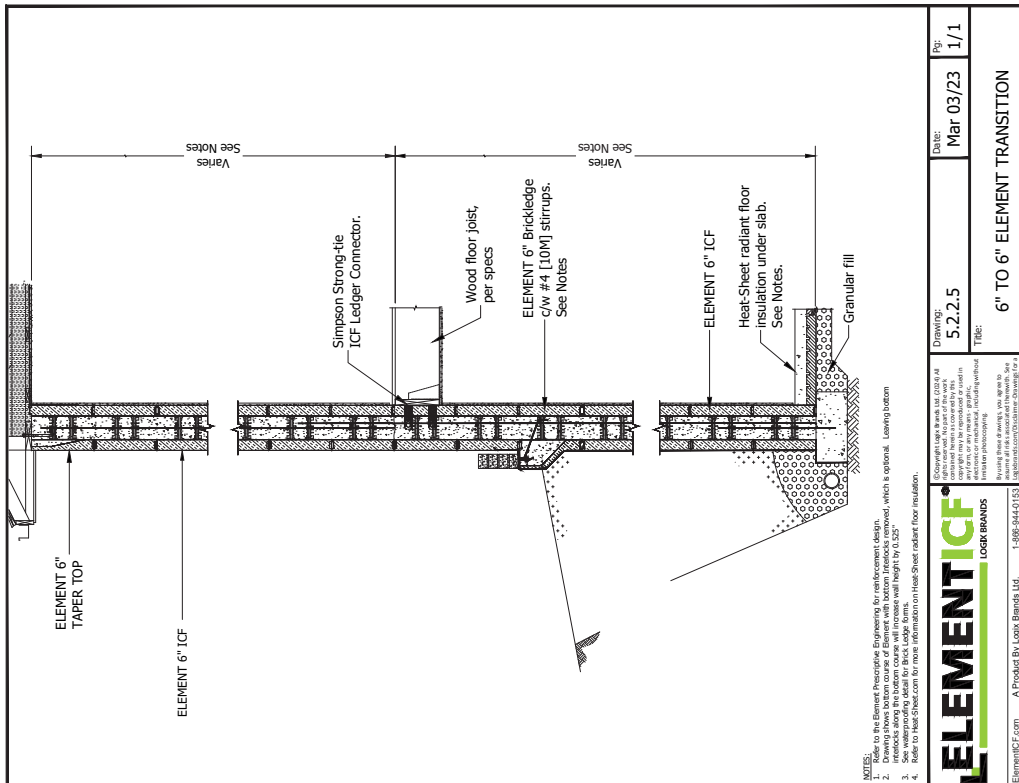
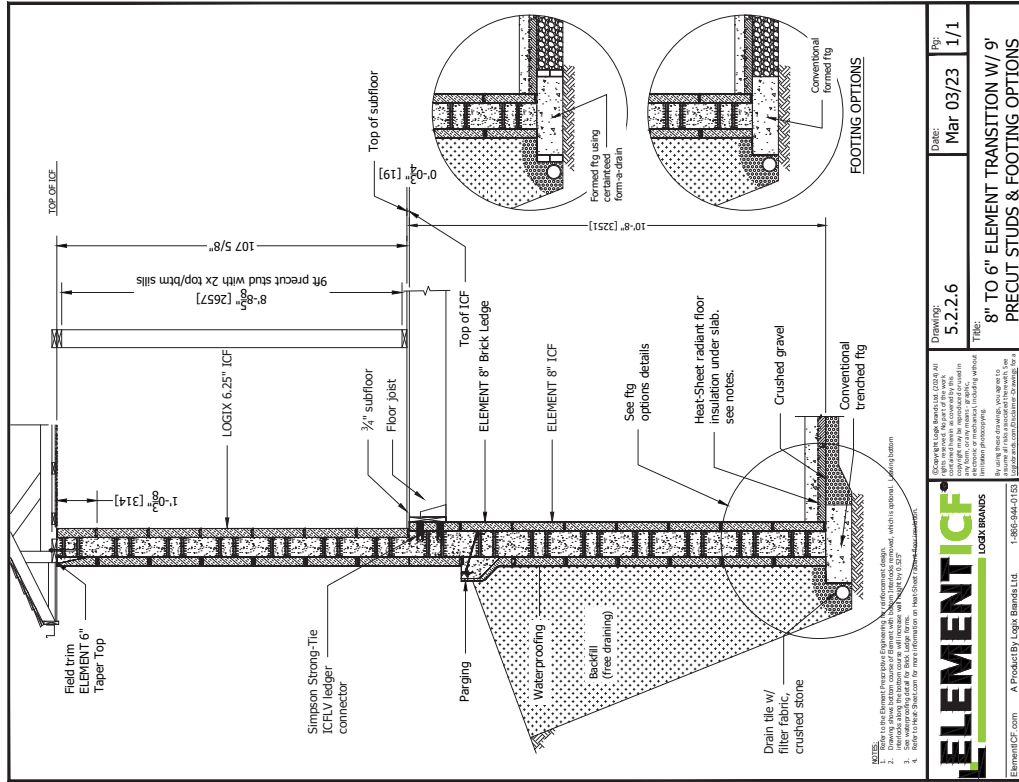
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Drawing: 5.2.2.3
 Date: Mar 03/23
 Pg: 1/1

Title: 8" FOUNDATION / 10' MAIN FLOOR



NOTES:

1. Drawing shows bottom course of Element with bottom tiebacks removed, which is optional. Leaving bottom course in place will increase wall height by 0.325"
2. See waterproofing detail for Brick Ledger forms.
3. Refer to HeatSheet.com for more information on HeatSheet radiant floor insulation.
4. Refer to HeatSheet.com for more information on HeatSheet Radiant Floor Insulation.

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Drawing: 5.2.2.6	Date: Mar 03/23	Fig: 1/1
Title: 8" TO 6" ELEMENT TRANSITION W/ 9" PRECUT STUDS & FOOTING OPTIONS		

NOTES:

1. Drawing shows bottom course of Element with bottom tiebacks removed, which is optional. Leaving bottom course in place will increase wall height by 0.325"
2. See waterproofing detail for Brick Ledger forms.
3. Refer to HeatSheet.com for more information on HeatSheet radiant floor insulation.
4. Refer to HeatSheet.com for more information on HeatSheet Radiant Floor Insulation.

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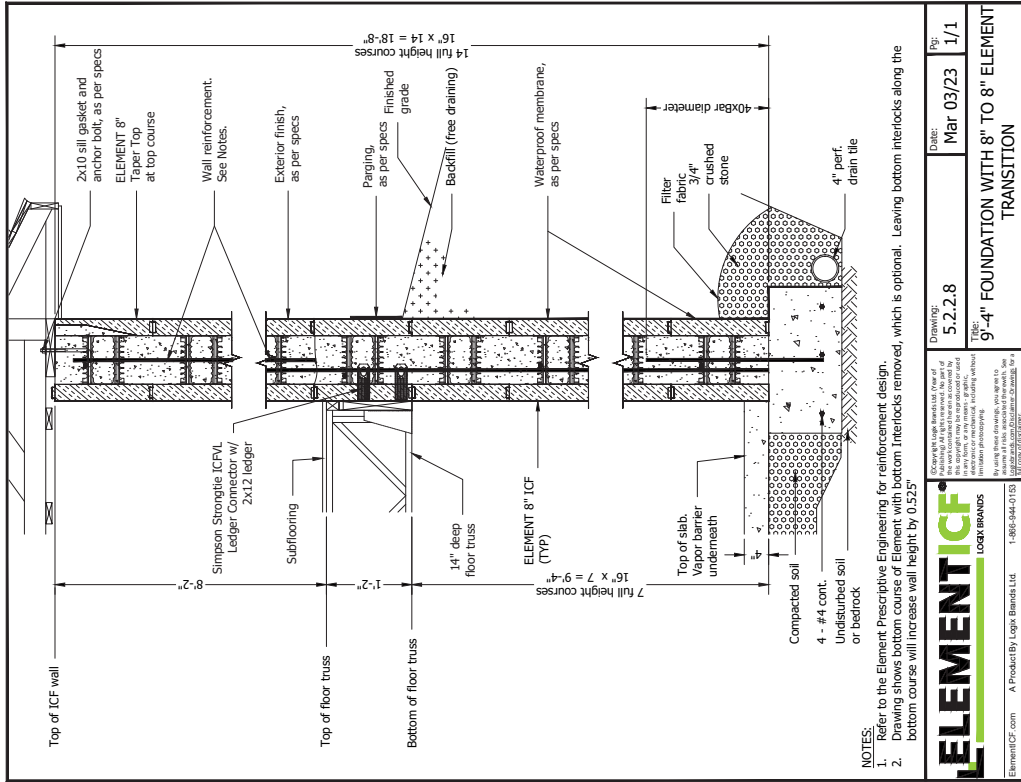
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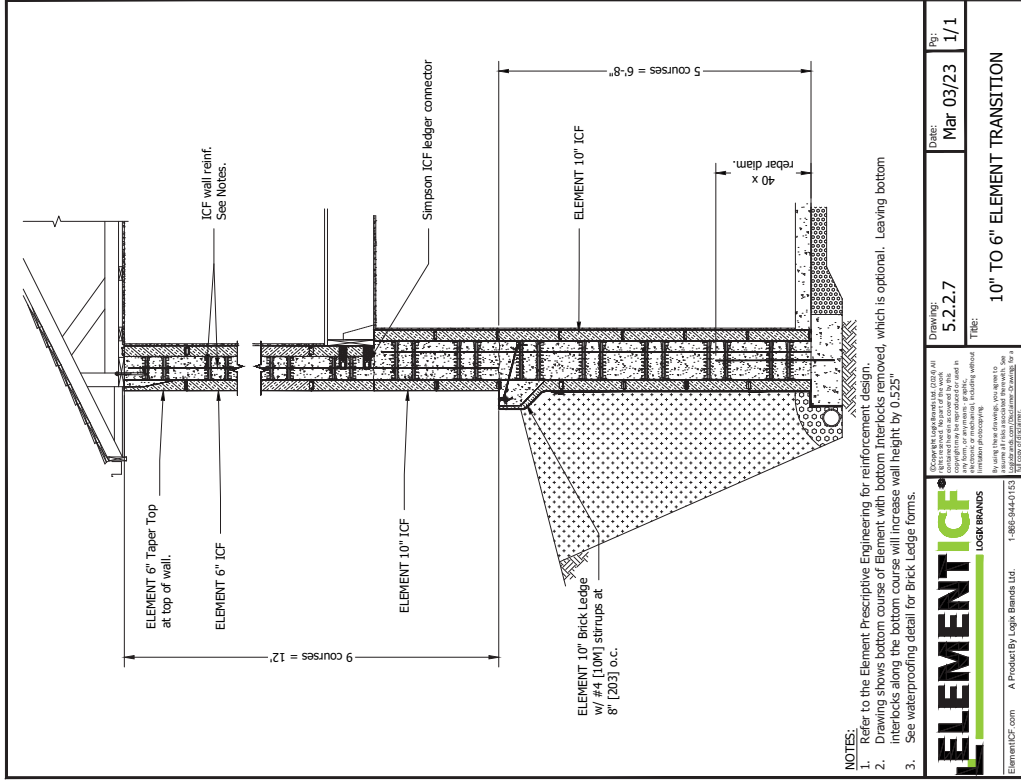
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Drawing: 5.2.2.5	Date: Mar 03/23	Fig: 1/1
Title: 6" TO 6" ELEMENT TRANSITION		

5.2 - ONE STORY PLUS BASEMENT

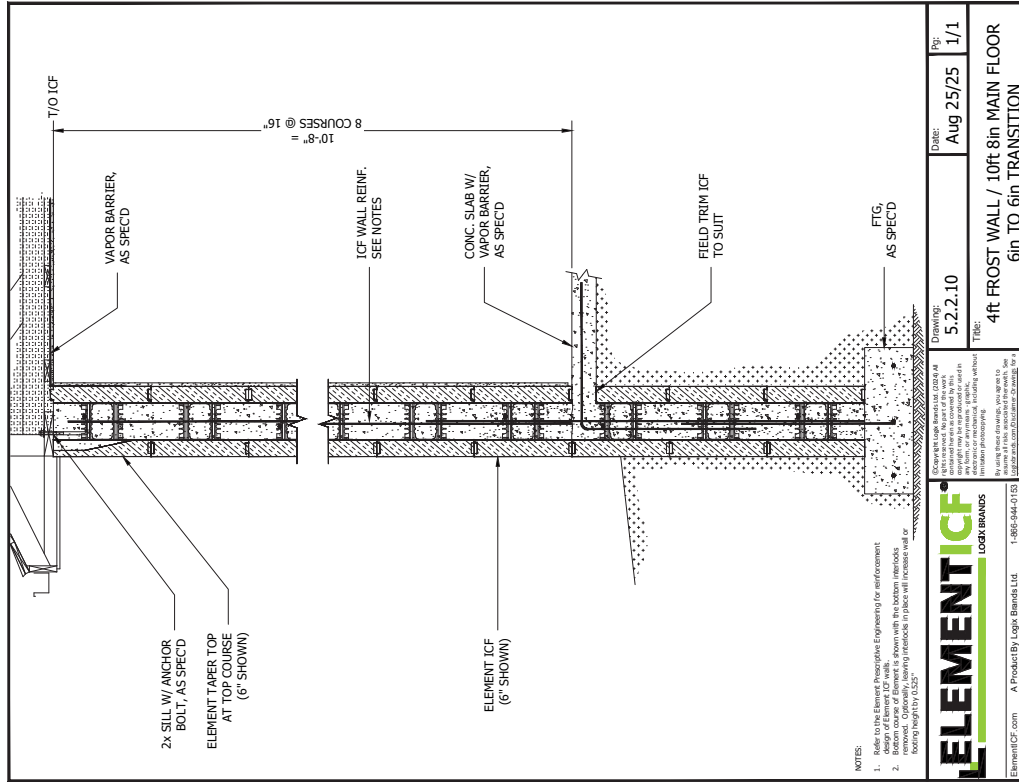


	Drawing: 5.2.2.8 Date: Mar 03/23 Pg: 1/1
	Title: 9'-4" FOUNDATION WITH 8" TO 8" ELEMENT TRANSITION
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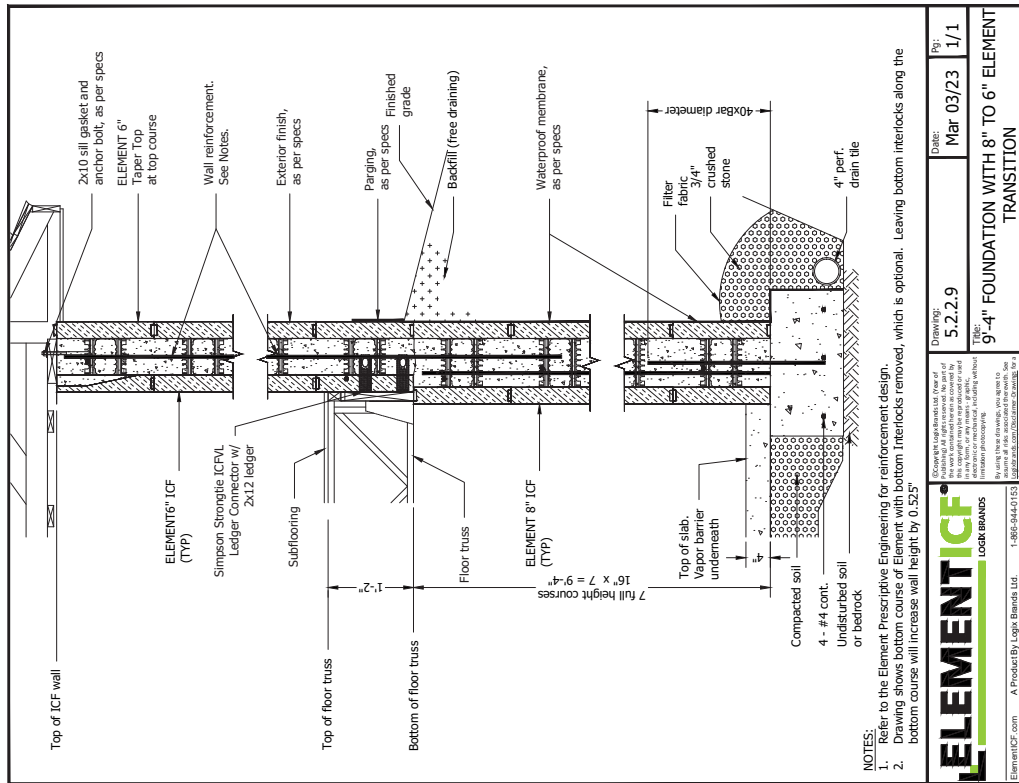


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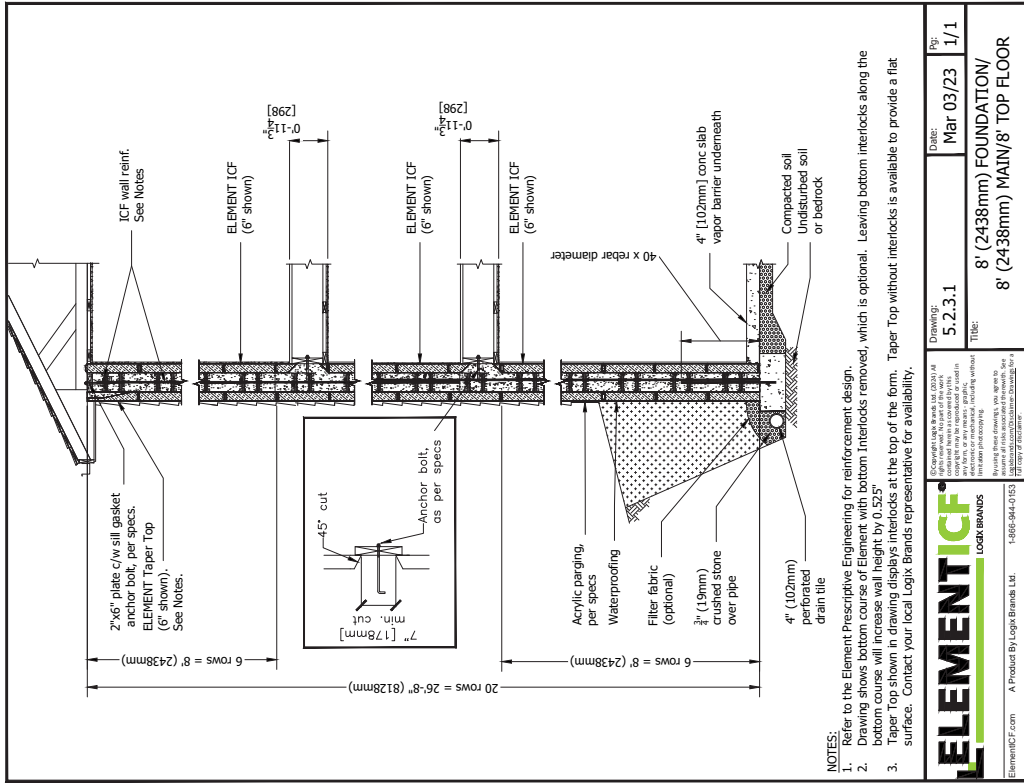
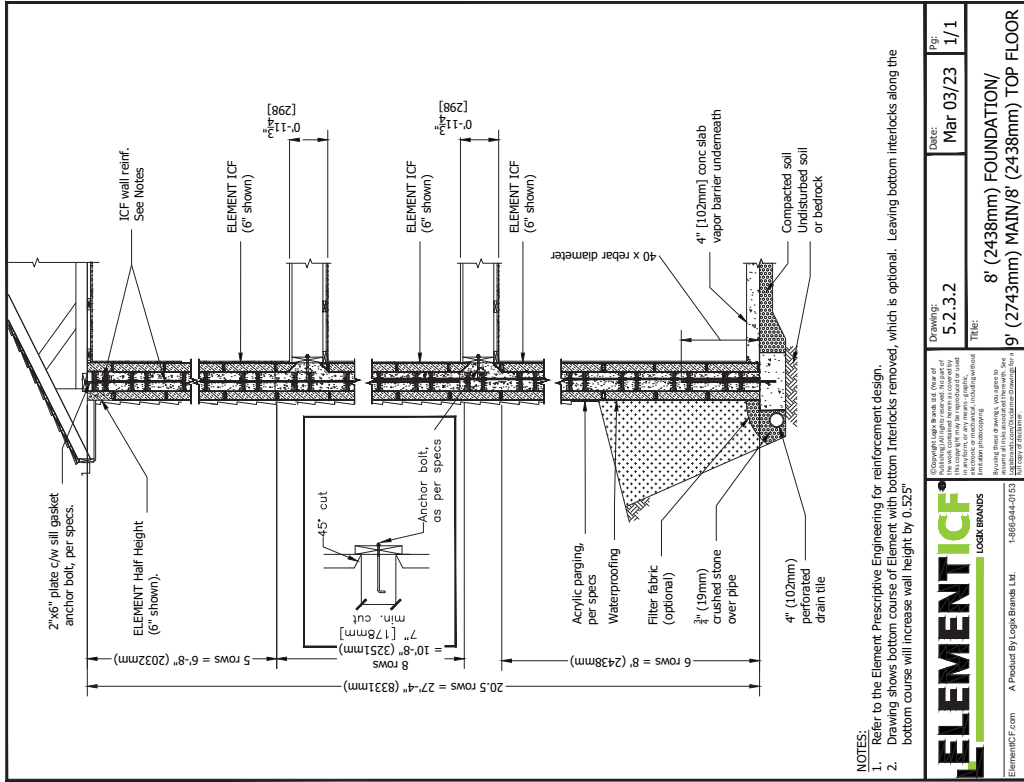


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5.2 - TWO STORY PLUS BASEMENT



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Drawing shows bottom course of Element with bottom interlocks removed, which is optional. Leaving bottom interlocks along the bottom course will increase wall height by 0.525".

NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Drawing shows bottom course of Element with bottom interlocks removed, which is optional. Leaving bottom interlocks along the bottom course will increase wall height by 0.525".
 3. Taper Top shown in drawing displays interlocks at the top of the form. Taper Top without interlocks is available to provide a flat surface. Contact your local Logix Brands representative for availability.

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Title: 8' (2438mm) FOUNDATION/
 9' (2743mm) MAIN/8' (2438mm) TOP FLOOR

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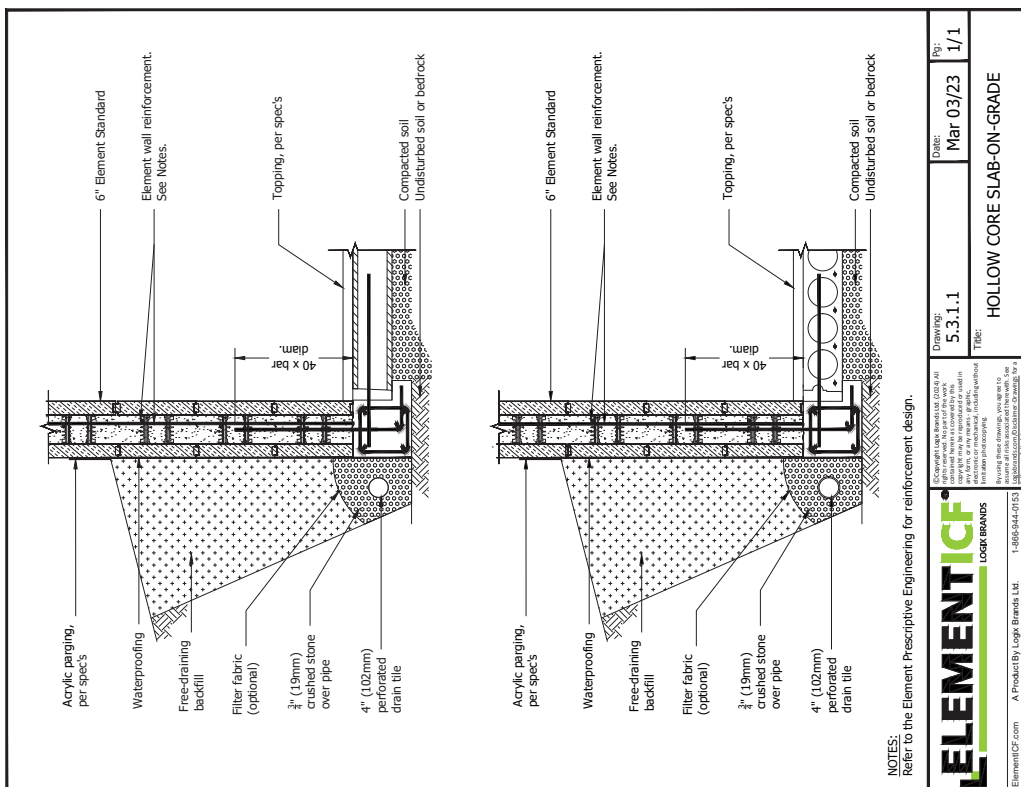
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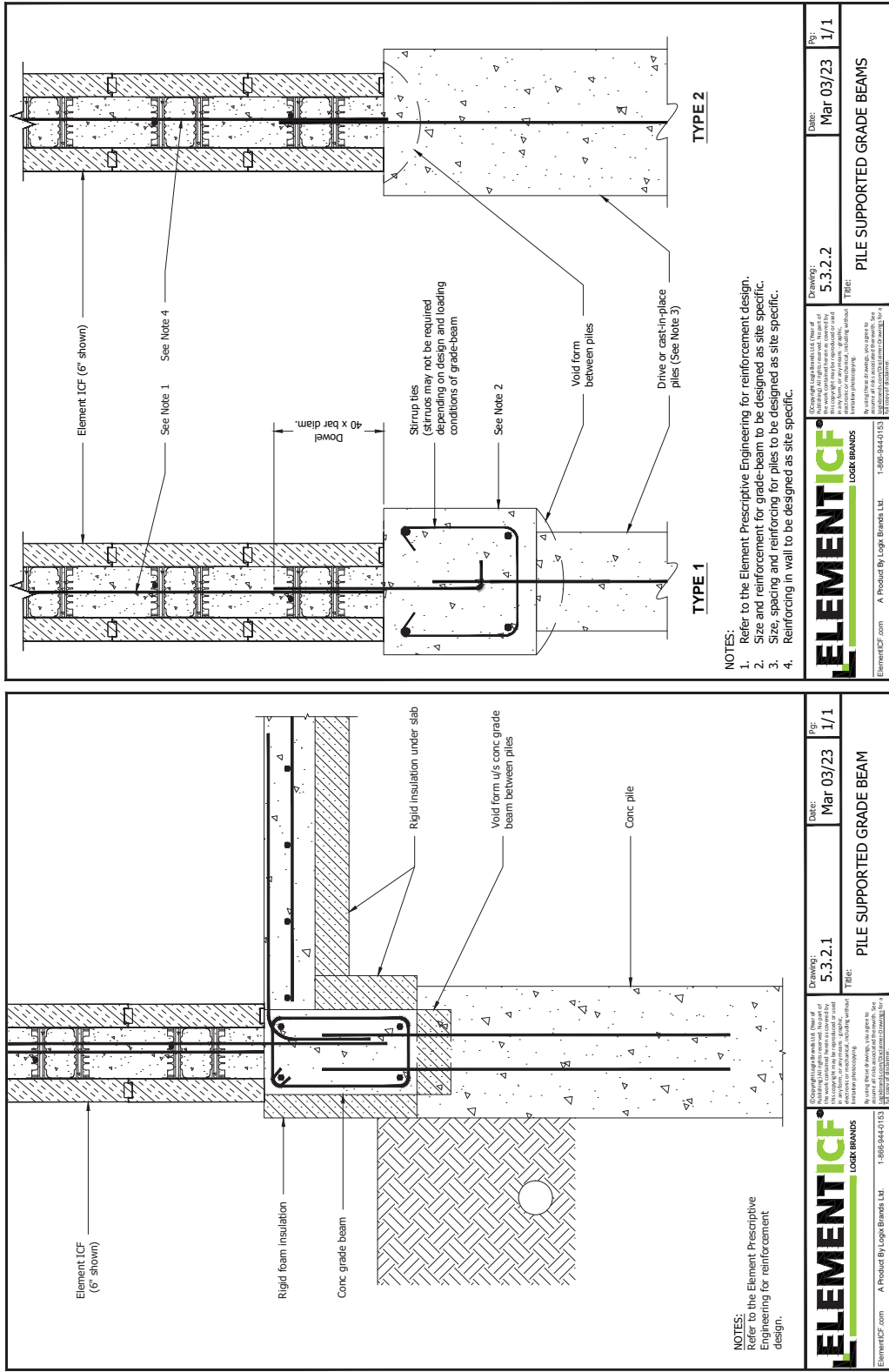
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 Date: Mar 03/23
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Title: 8' (2438mm) FOUNDATION/
 8' (2438mm) TOP FLOOR

5.3 - FOOTINGS AT EXTERIOR WALL

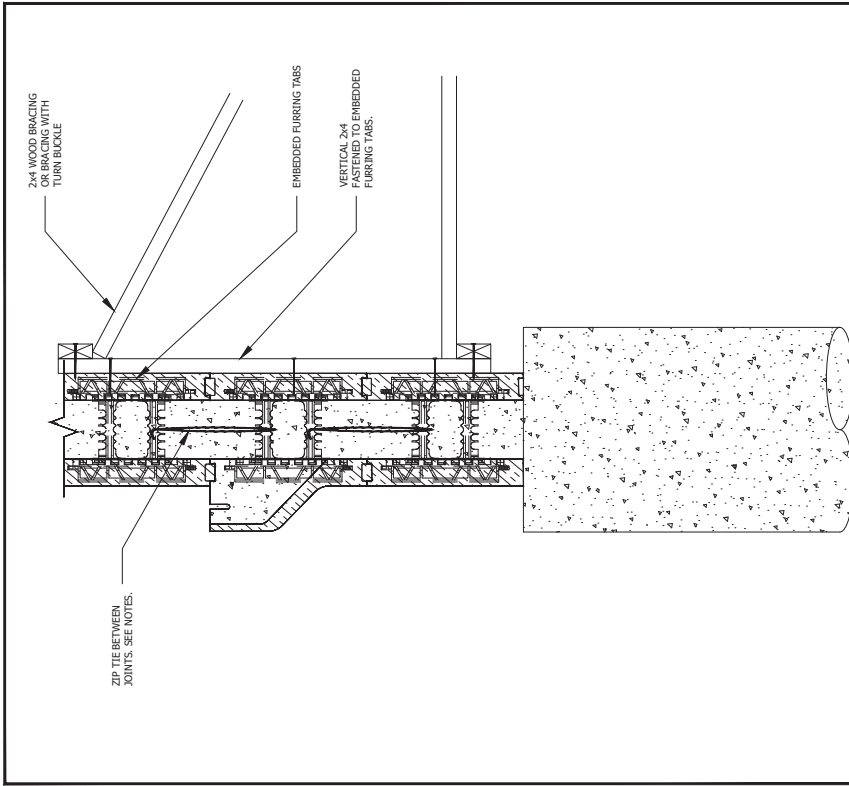


5.3 - GRADE BEAMS & PILES



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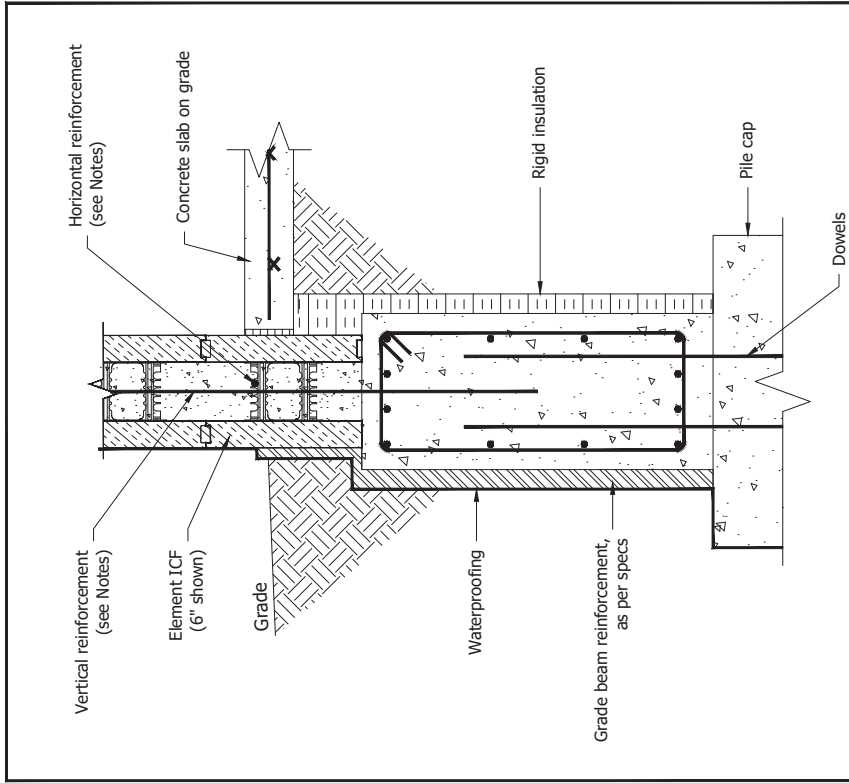


NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design.

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	Title: GRADE BEAM BRACING		

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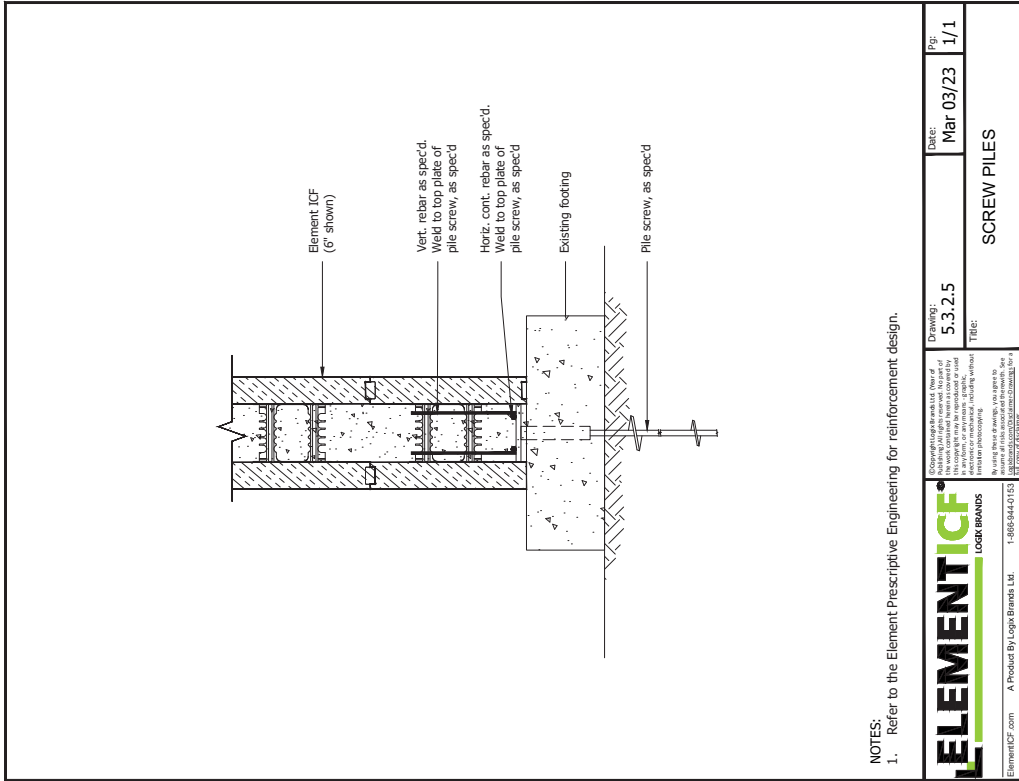
NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design.

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	Title: DEEP GRADE BEAM ON PILE CAP		

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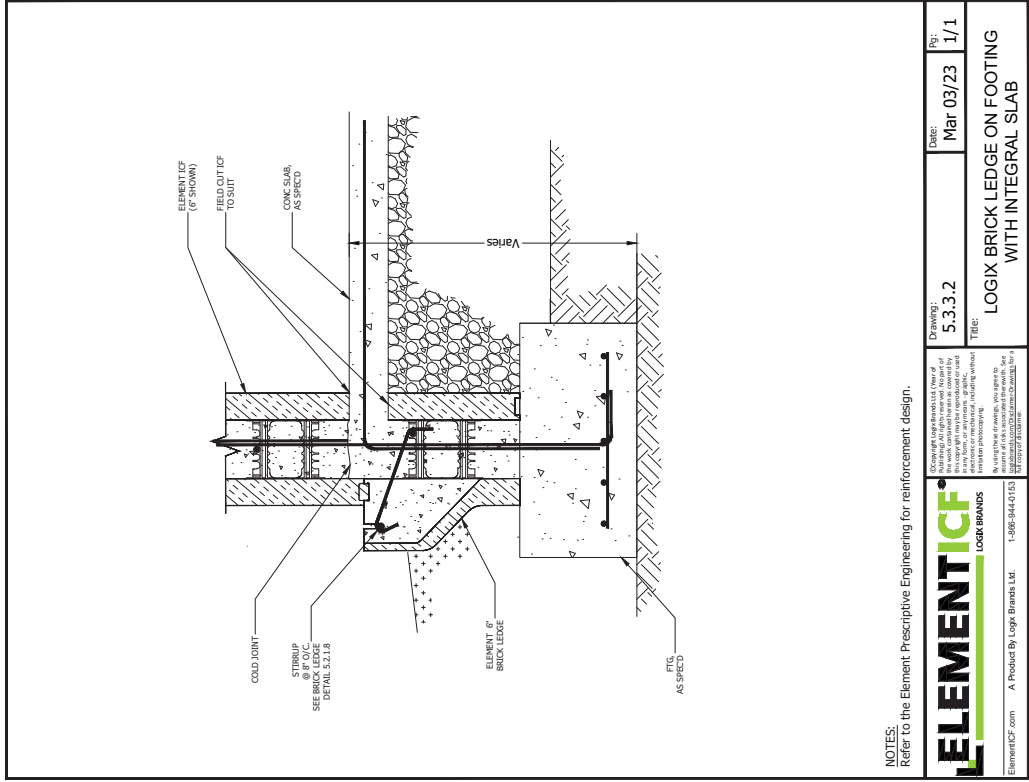
5.3 - GRADE BEAMS & PILES



NOTES:
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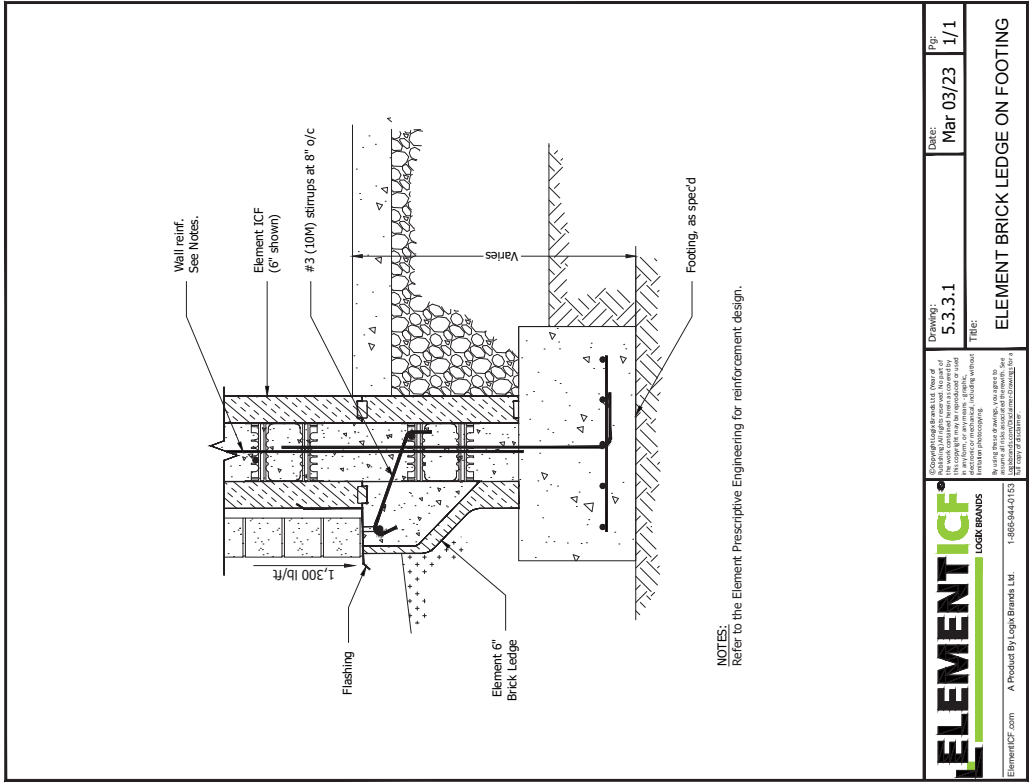
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	SCREW PILES		

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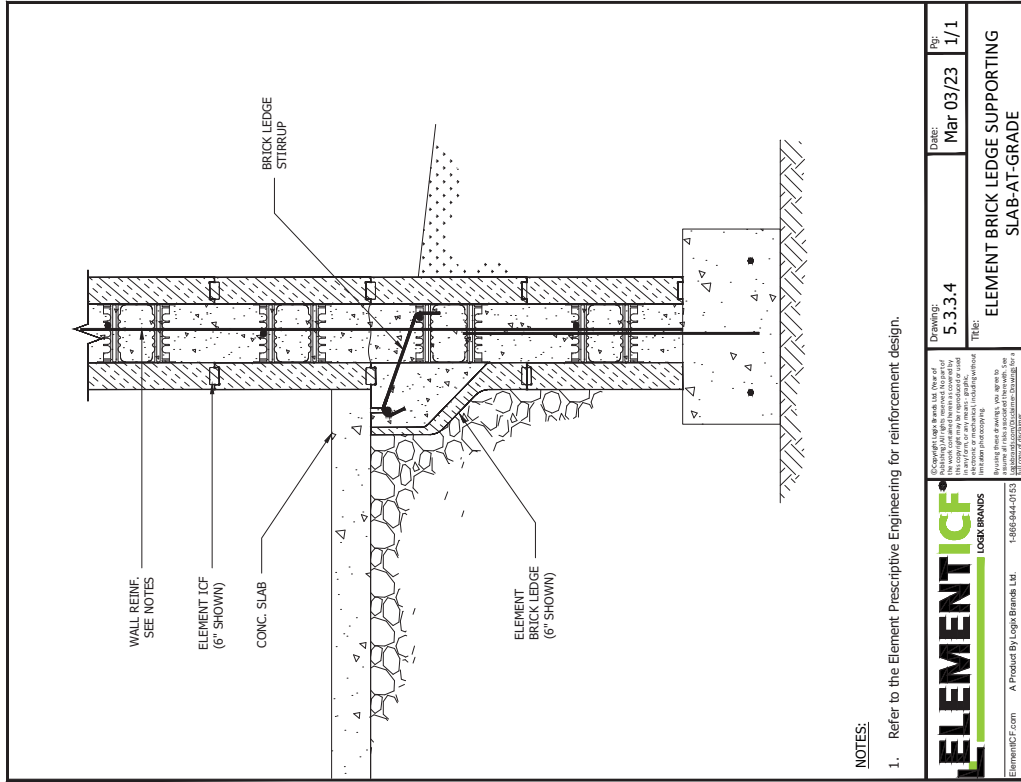
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NOTES:
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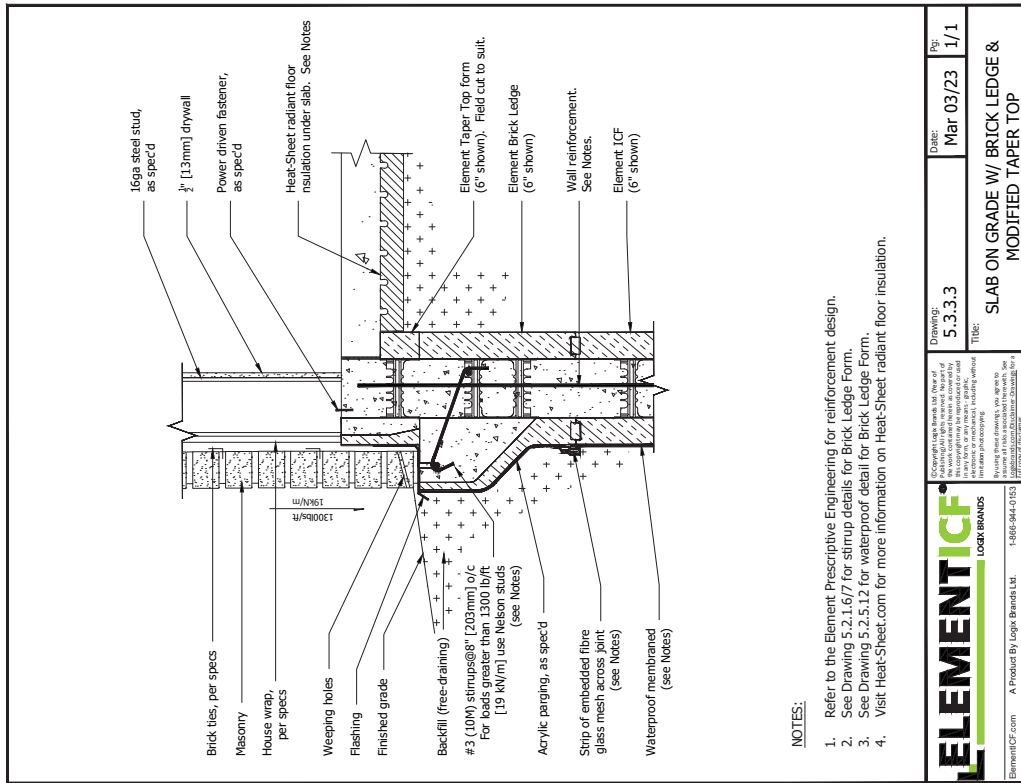
5.3 - BRICK LEDGE AT FOOTINGS



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design.

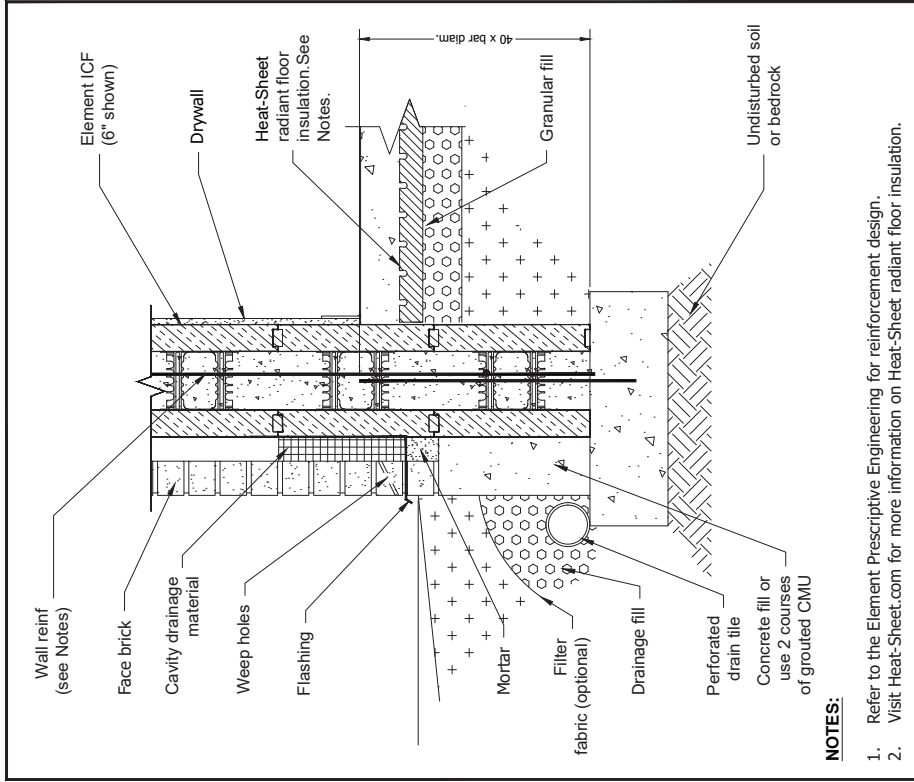
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design.
2. See Drawing 5.2.1.6/7 for stirrup details for Brick Ledge Form.
3. See Drawing 5.2.5.12 for waterproof detail for Brick Ledge Form.
4. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.

	Drawing: 5.3.3.3 Title: SLAB ON GRADE W/ BRICK LEDGE & MODIFIED TAPER TOP	Date: Mar 03/23 Pg: 1/1
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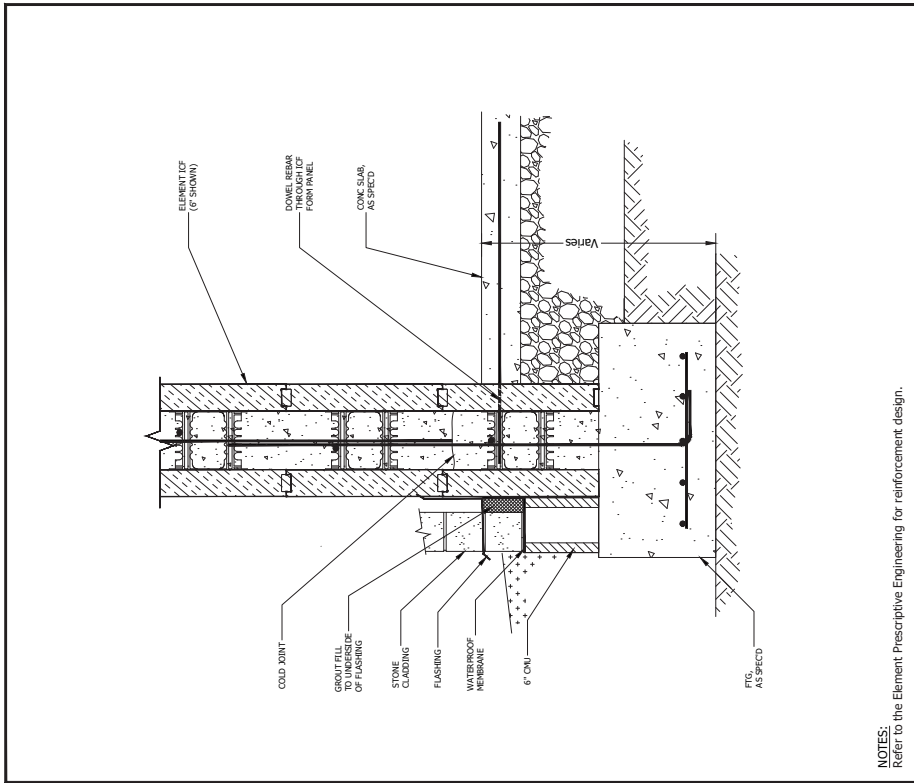


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design.
2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.

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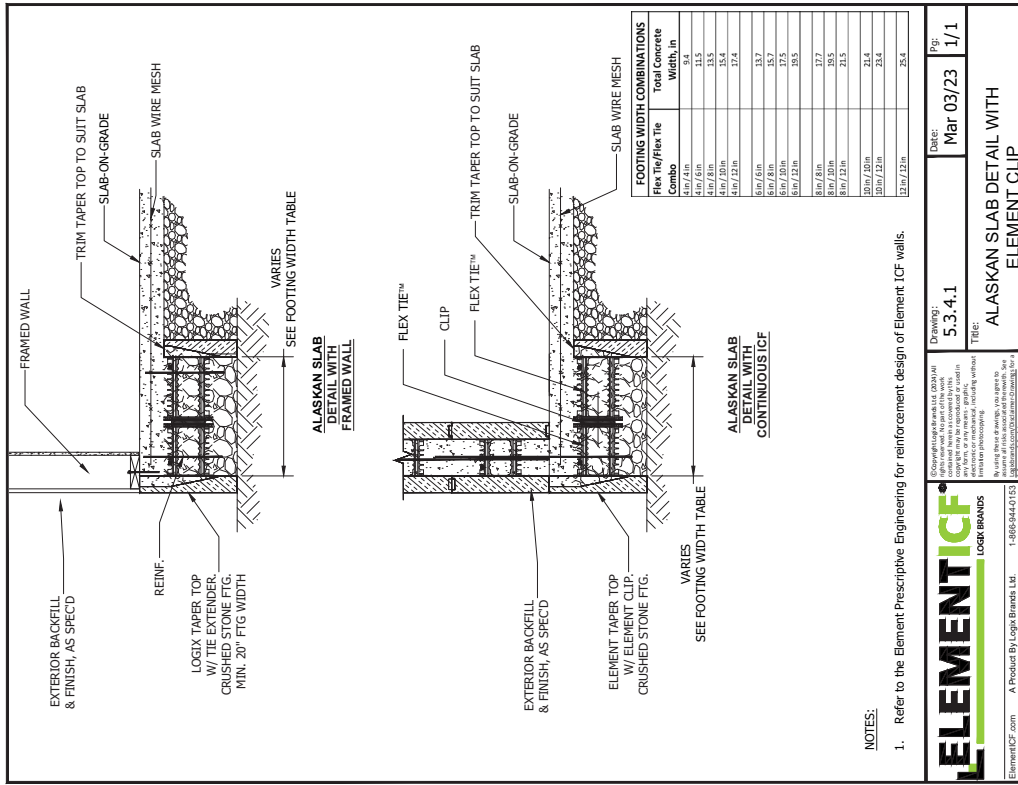
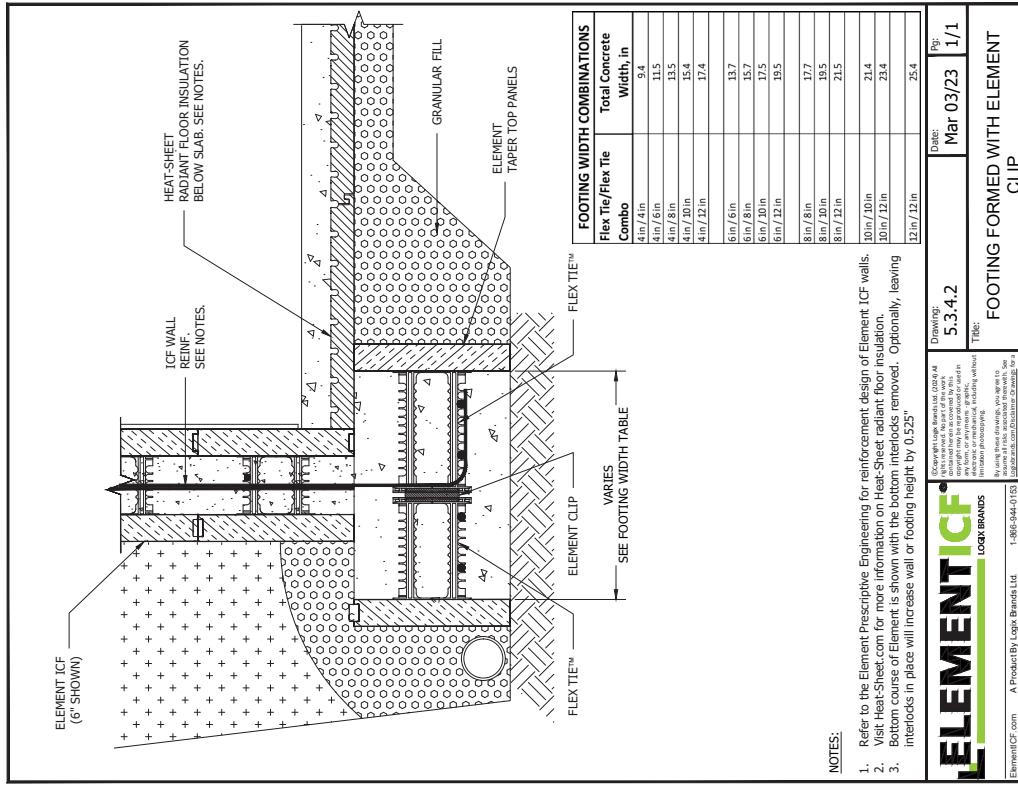


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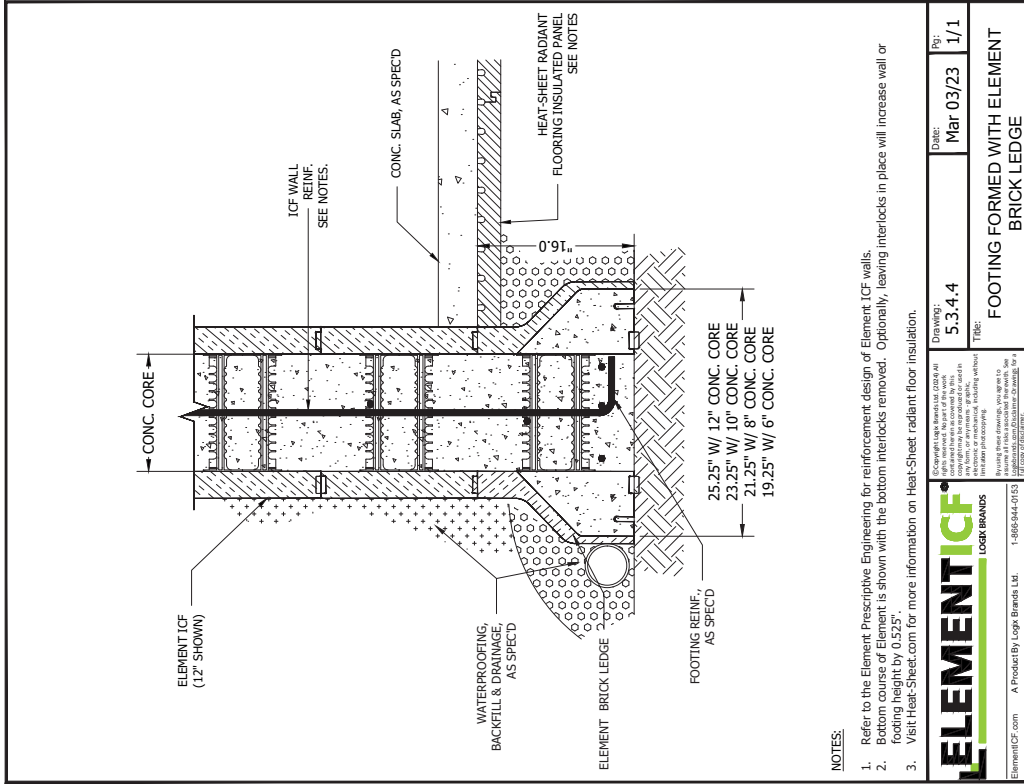
Refer to the Element Prescriptive Engineering for reinforcement design.

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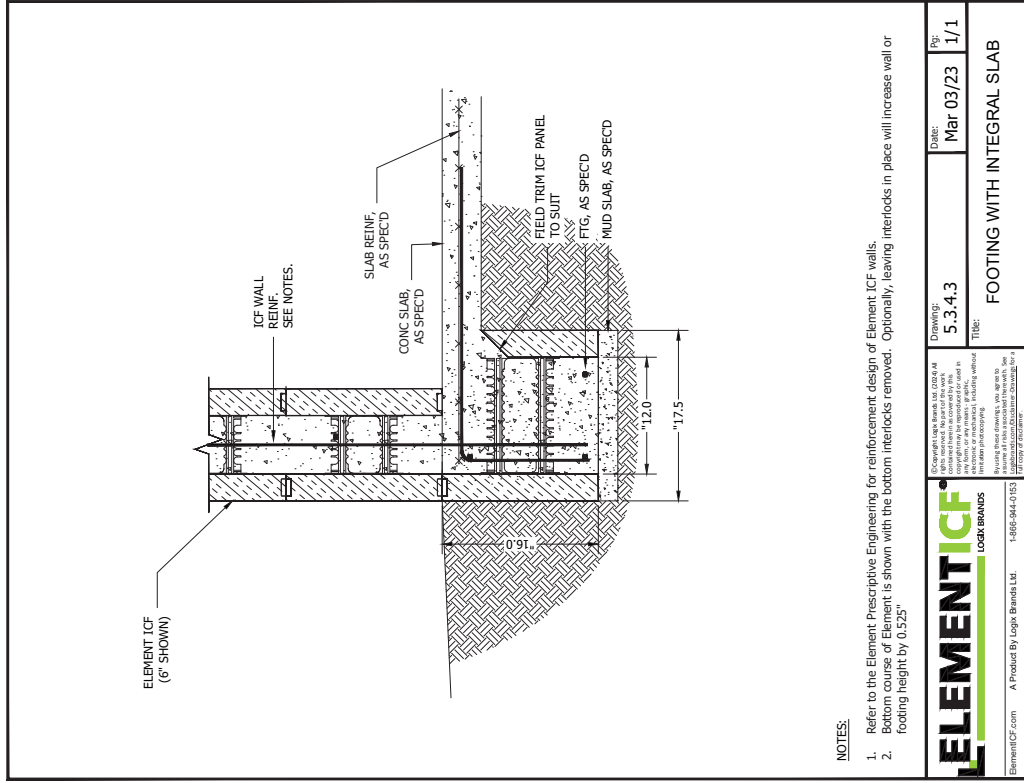
5.3 - FOOTINGS FORMED WITH ELEMENT



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525\"
3. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.

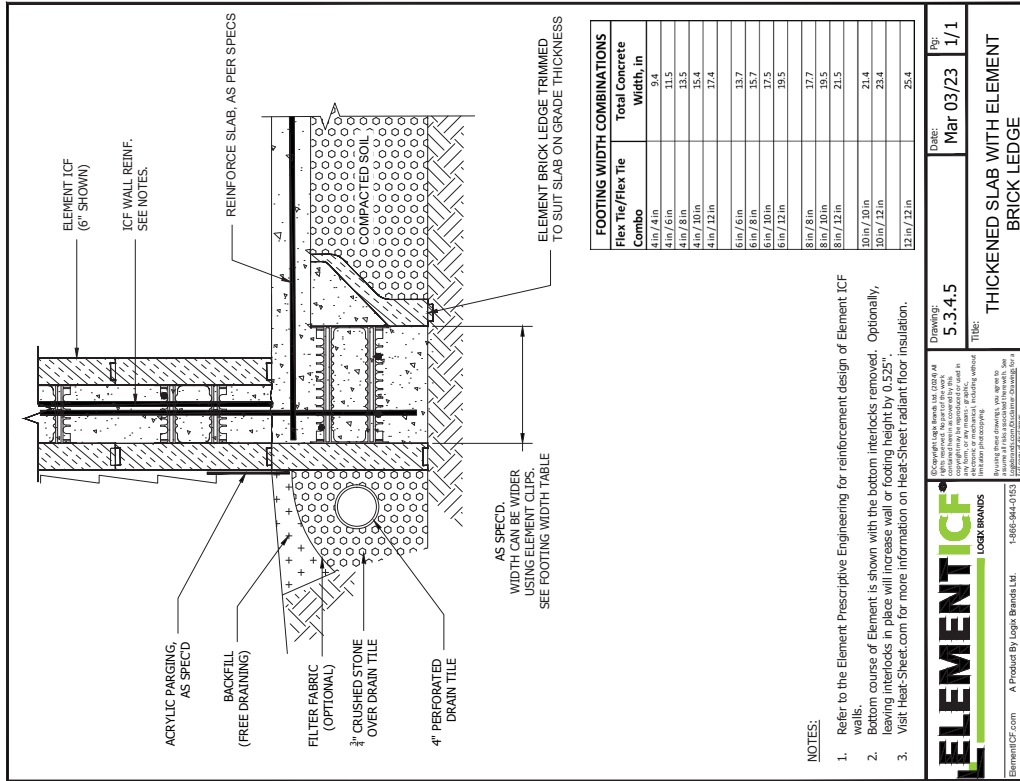
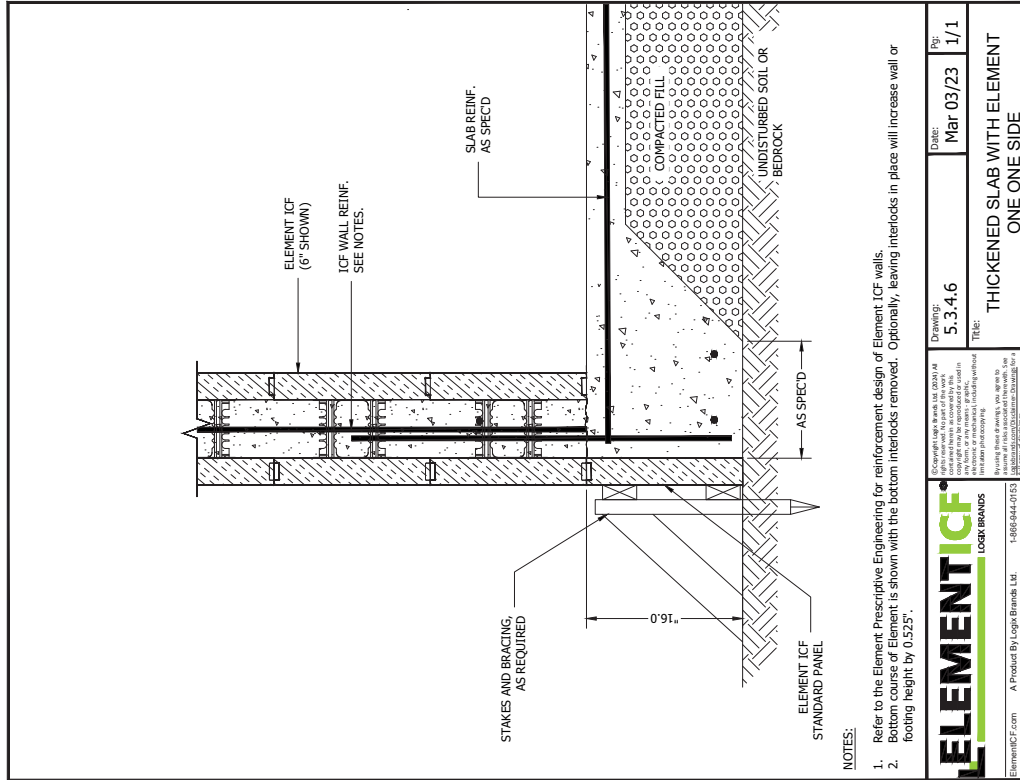
	Drawing: 5.3.4.4 Title: FOOTING FORMED WITH ELEMENT BRICK LEDGE	Date: Mar 03/23 Rev: 1/1
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525\"

	Drawing: 5.3.4.3 Title: FOOTING WITH INTEGRAL SLAB	Date: Mar 03/23 Rev: 1/1
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5/2024 11/03/23 AM

Date: Mar 03/23
Drawing: 5.3.4.6
Page: 1/1
Title: THICKENED SLAB WITH ELEMENT ONE SIDE

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5/2024 11/11/21 AM

Date: Mar 03/23
Drawing: 5.3.4.5
Page: 1/1
Title: THICKENED SLAB WITH ELEMENT BRICK LEDGE

5.3 - FOOTINGS FORMED WITH ELEMENT

FOOTING WIDTH COMBINATIONS

Flex Tie/Flex Tie Combo	Total Concrete Width, in
4 in / 4 in	9.4
4 in / 6 in	11.5
4 in / 8 in	13.5
4 in / 10 in	15.4
4 in / 12 in	17.4
6 in / 6 in	13.7
6 in / 8 in	15.7
6 in / 10 in	17.5
6 in / 12 in	19.5
8 in / 8 in	17.7
8 in / 10 in	19.5
8 in / 12 in	21.5
10 in / 10 in	21.4
10 in / 12 in	23.4
12 in / 12 in	25.4

NOTES:

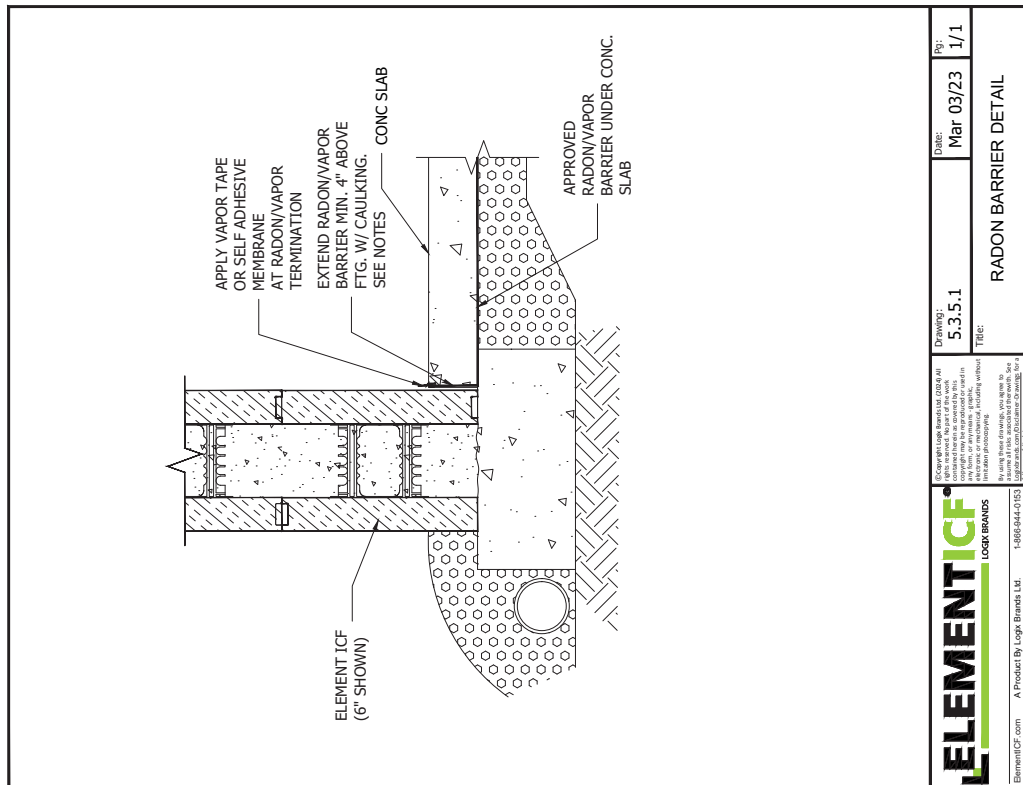
- Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
- Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
- Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525"

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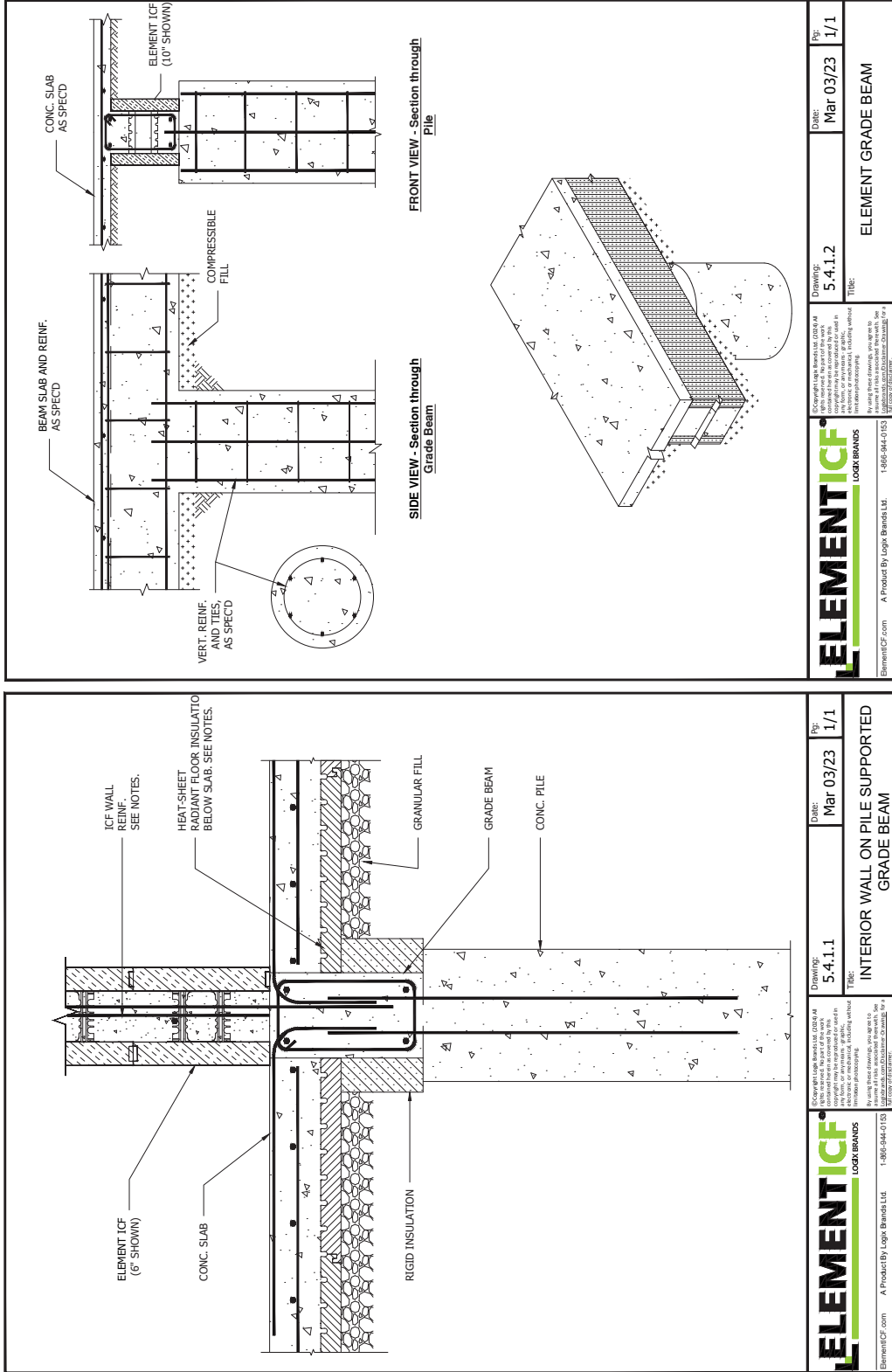
DATE: Mar 03/23
 DRAWING: 5.3.4.7
 TITLE: SHALLOW FROST PROTECTED FOOTING
 PAGE: 1/1



<p>ELEMENT ICF LOGIX BRANDS</p> <p>ElementICF.com A Product By Logix Brands Ltd. 1-888-844-0153</p> <p>2/2024 11:17:25 AM</p>	<p>Copyright Logix Brands Ltd. 2024. All rights reserved. This drawing is the property of Logix Brands Ltd. and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Logix Brands Ltd.</p>	<p>By: 1/1</p>
	<p>Drawing: 5.3.5.1</p> <p>TITLE: RADON BARRIER DETAIL</p>	<p>Date: Mar 03/23</p>

5.3 - RADON

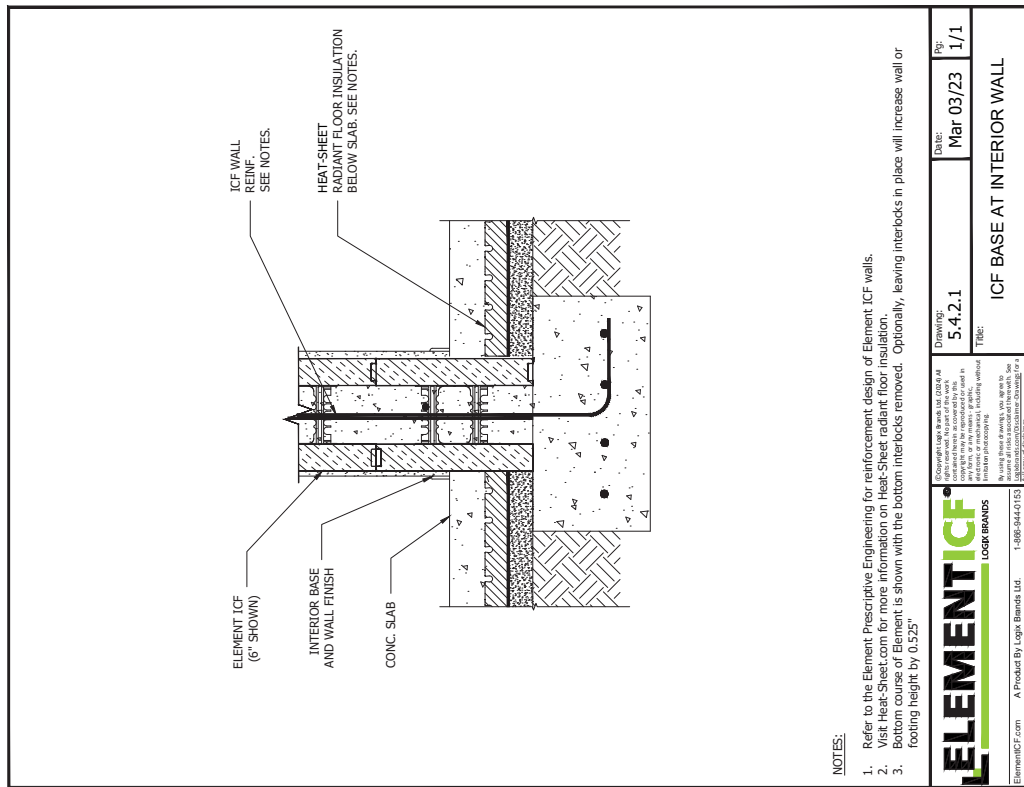
5.4 - FOOTINGS AT INTERIOR WALL



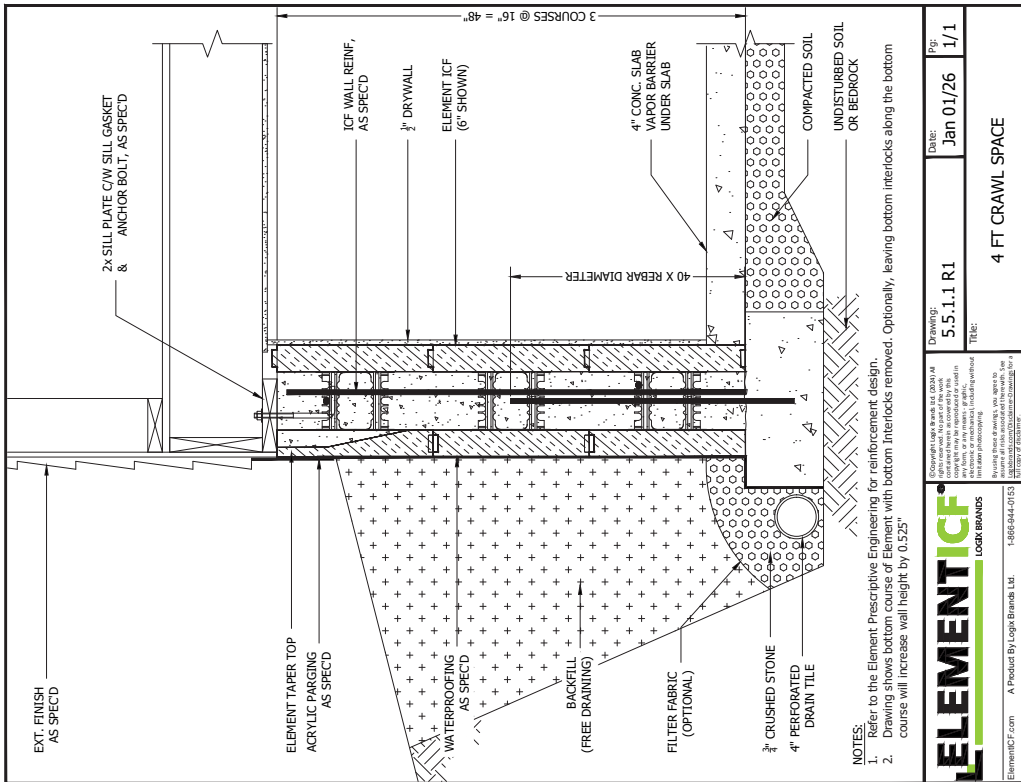
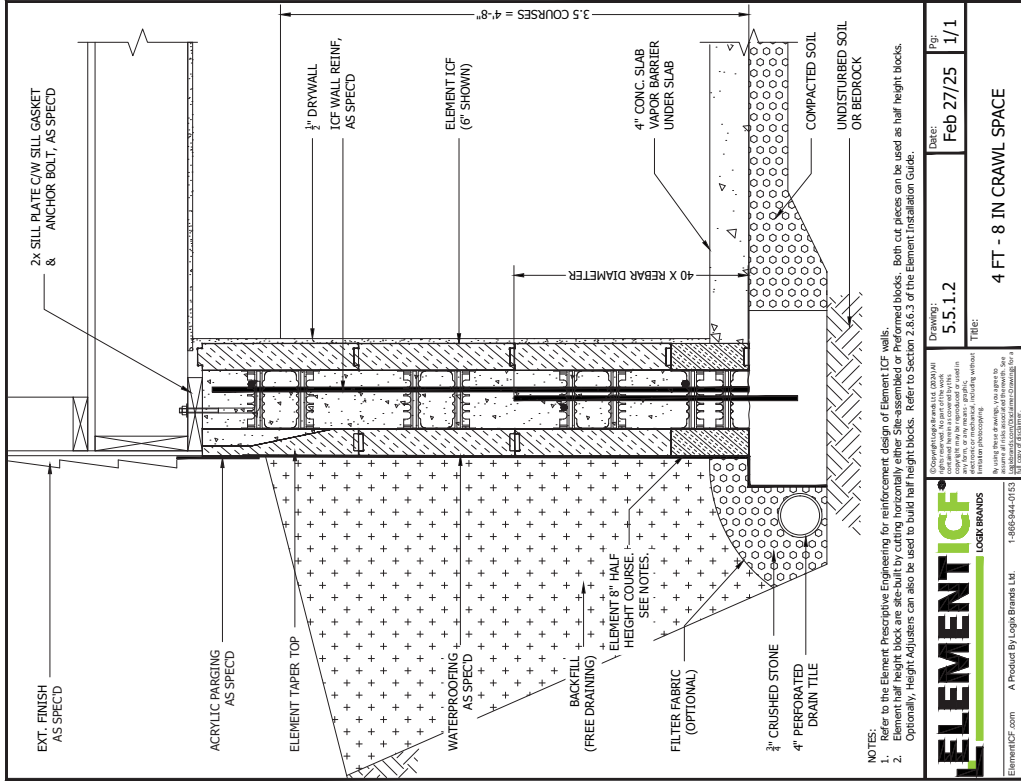
5.4 - GRADE BEAMS & PILES

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	ElementICF.com A Product By Logix Brands Ltd. 1-866-944-0153 25/2024 10:38:58 AM	



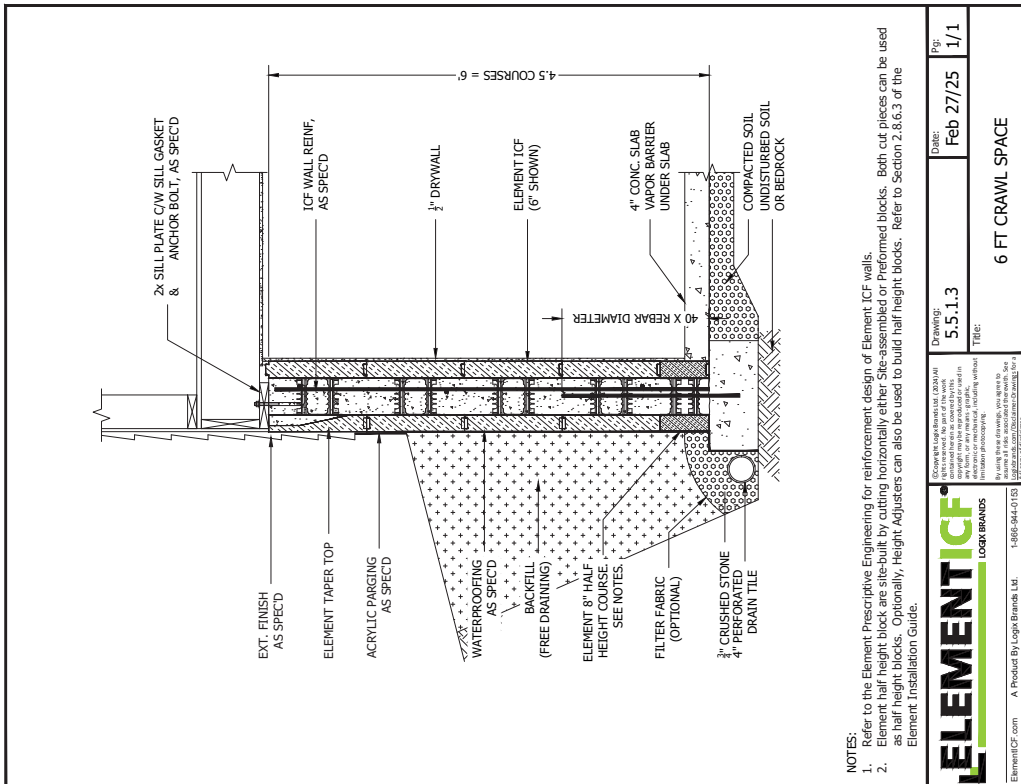
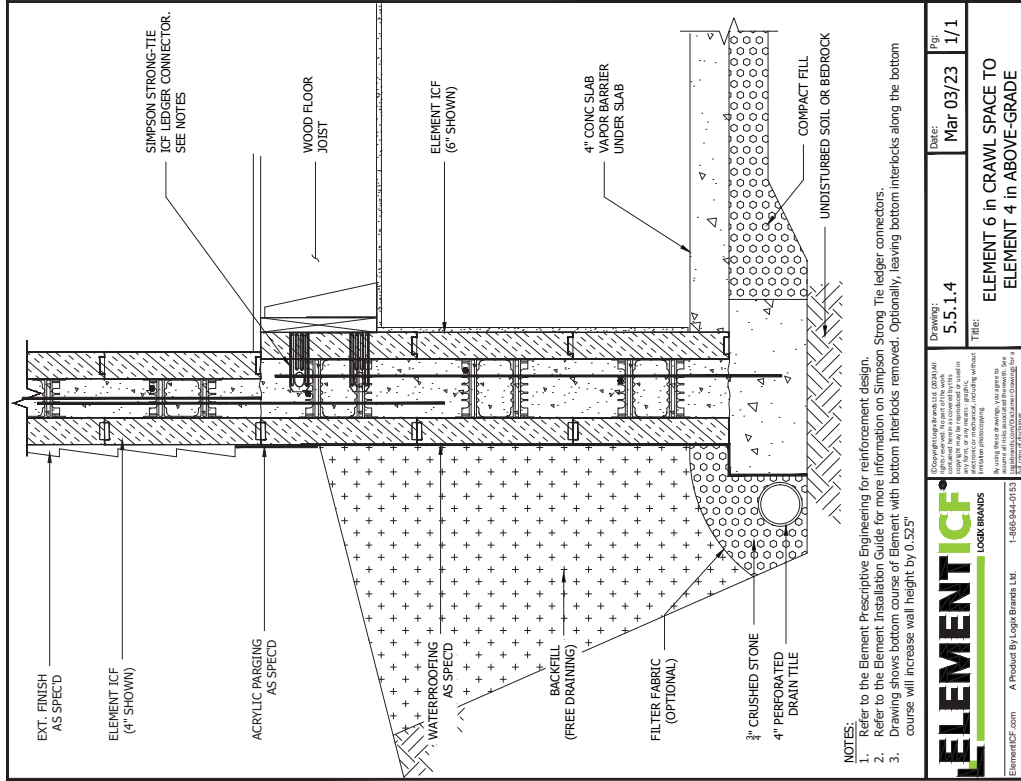
5.5 - FOUNDATION WALLS



5.5 - CRAWL SPACE

Drawing: 5.5.1.2	Date: Feb 27/25	Page: 1/1
Title: 4 FT - 8 IN CRAWL SPACE		

Drawing: 5.5.1.1 R1	Date: Jan 01/26	Page: 1/1
Title: 4 FT CRAWL SPACE		



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Element half height blocks are site-built by catching horizontally either site-assembled or preformed blocks. Both cut pieces can be used as half height blocks. Optionally, Height Adjusters can also be used to build half height blocks. Refer to Section 2.8.6.3 of title Element Installation Guide.

NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design.
 2. Refer to the Element Installation Guide for more information.
 3. Drawing shows bottom course of Element with bottom Interlocks removed. Optionally, leaving bottom interlocks along the bottom course will increase wall height by 0.525"

ELEMENT ICF
 LOCK BRANDS

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2/2020 11:36:47 AM

DATE: Feb 27/25

DRAWING: 5.5.1.3

TITLE: 6 FT CRAWL SPACE

Pg: 1/1

ELEMENT ICF
 LOCK BRANDS

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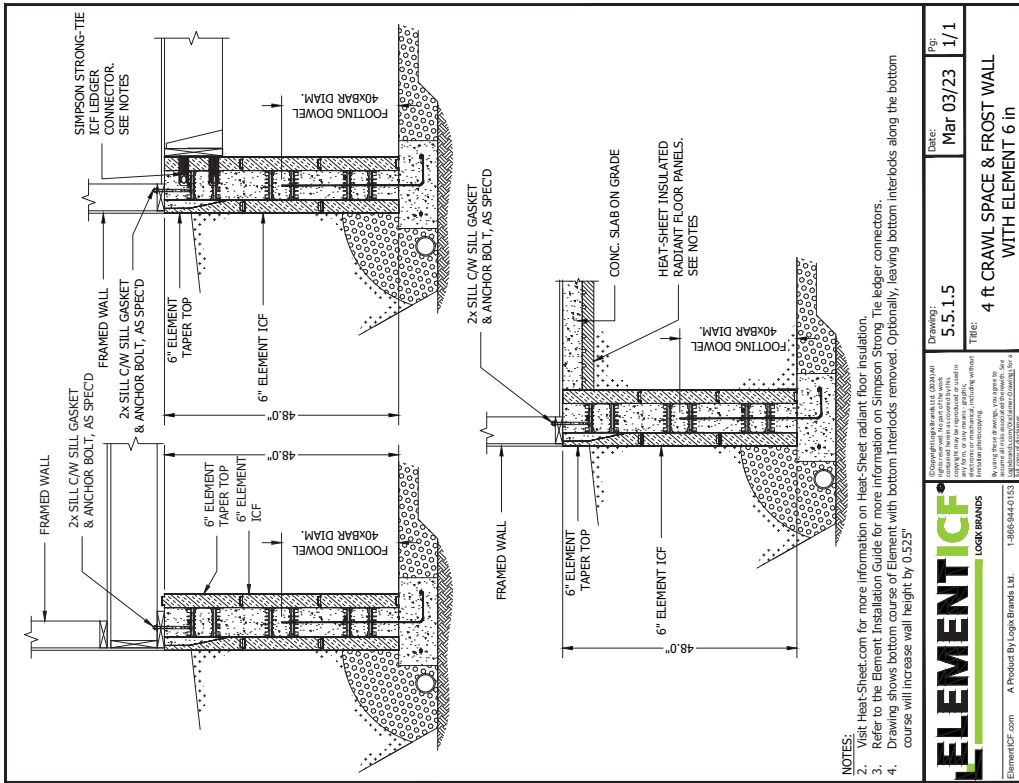
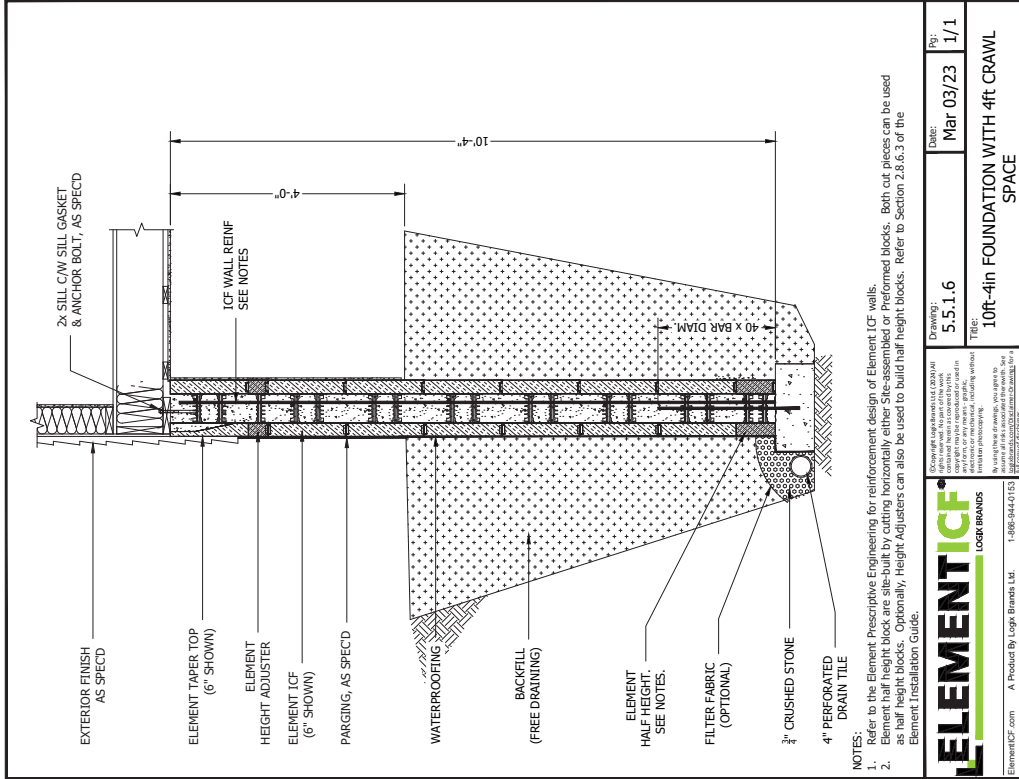
DATE: Mar 03/23

DRAWING: 5.5.1.4

TITLE: ELEMENT 6 in CRAWL SPACE TO ELEMENT 4 in ABOVE-GRADE

Pg: 1/1

5.5 - CRAWL SPACE

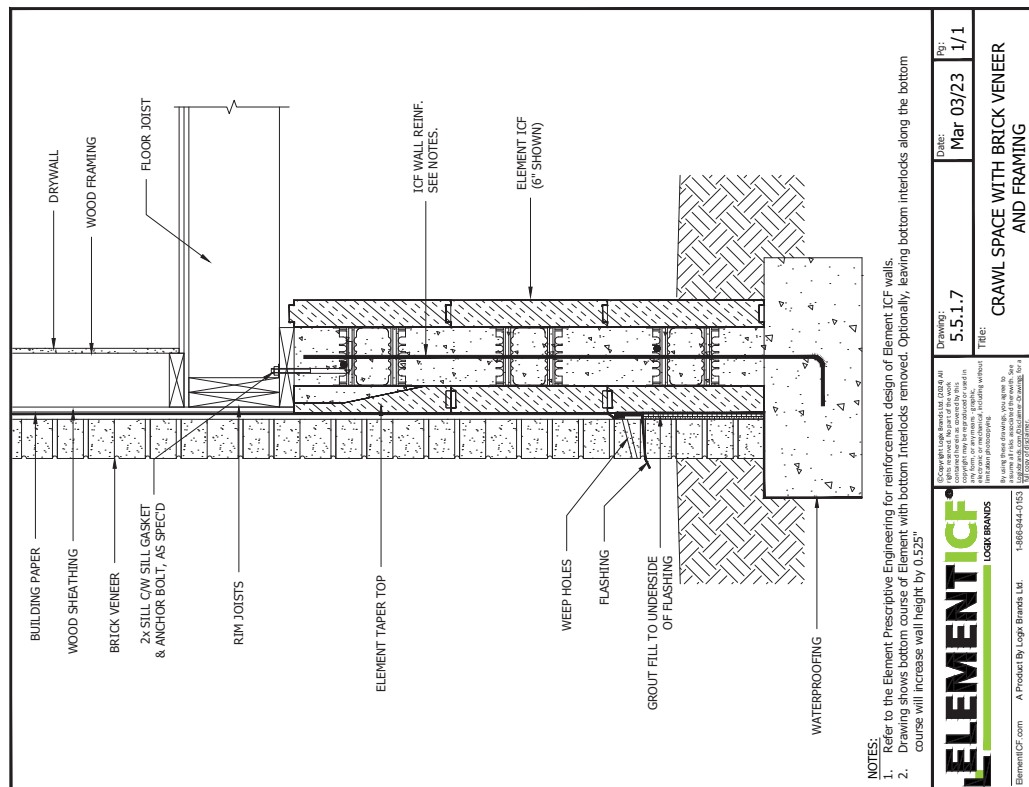


NOTES:
 Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 1. Element half height block is site-built by cutting horizontally either Site-assembled or Preformed blocks. Both cut pieces can be used as half height blocks. Optionally, Height Adjusters can also be used to build half height blocks. Refer to Section 2.8.6.3 of the Element Installation Guide.
 2. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 Element half height block is site-built by cutting horizontally either Site-assembled or Preformed blocks. Both cut pieces can be used as half height blocks. Optionally, Height Adjusters can also be used to build half height blocks. Refer to Section 2.8.6.3 of the Element Installation Guide.

	Drawing: 5.5.1.6 Title: 10ft-4in FOUNDATION WITH 4ft CRAWL SPACE	Date: Mar 03/23 Page: 1/1
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NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 3. Refer to the Element Installation Guide for information on Simpson Strong-Tie ICF edge connectors. The ledger connectors, Drawing shows bottom course of Element with bottom interlocks removed. Optionally, leaving bottom interlocks along the bottom course will increase wall height by 0.525".
 4. Drawing shows bottom course of Element with bottom interlocks removed. Optionally, leaving bottom interlocks along the bottom course will increase wall height by 0.525".

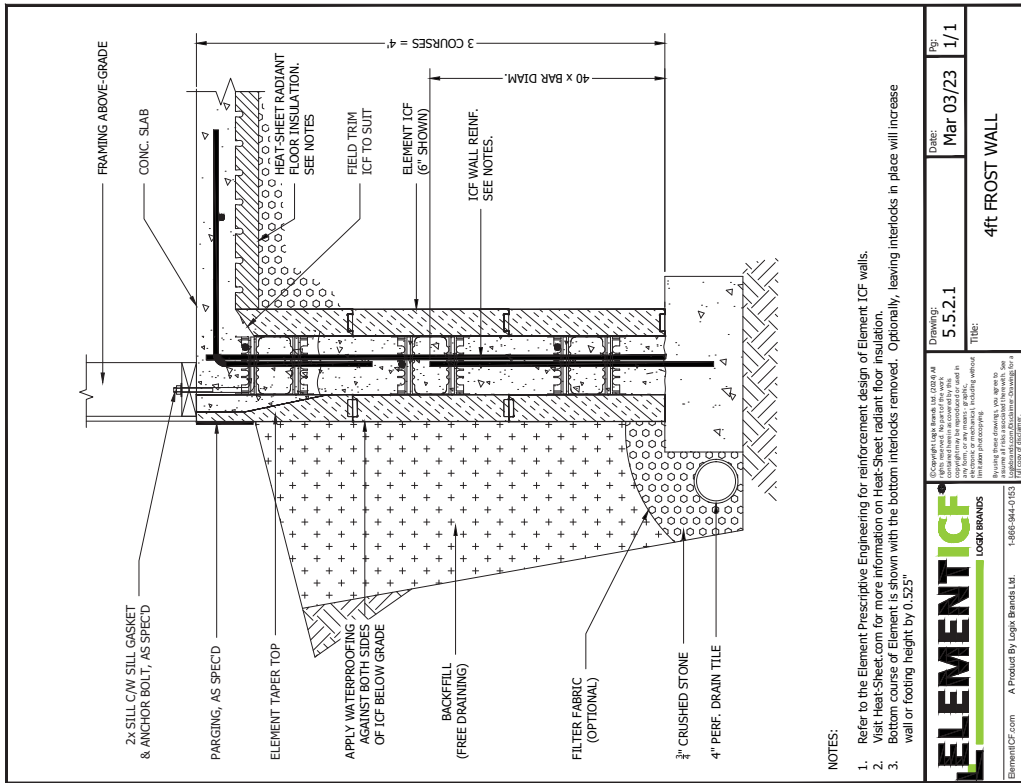
	Drawing: 5.5.1.5 Title: 4 ft CRAWL SPACE & FROST WALL WITH ELEMENT 6 in	Date: Mar 03/23 Page: 1/1
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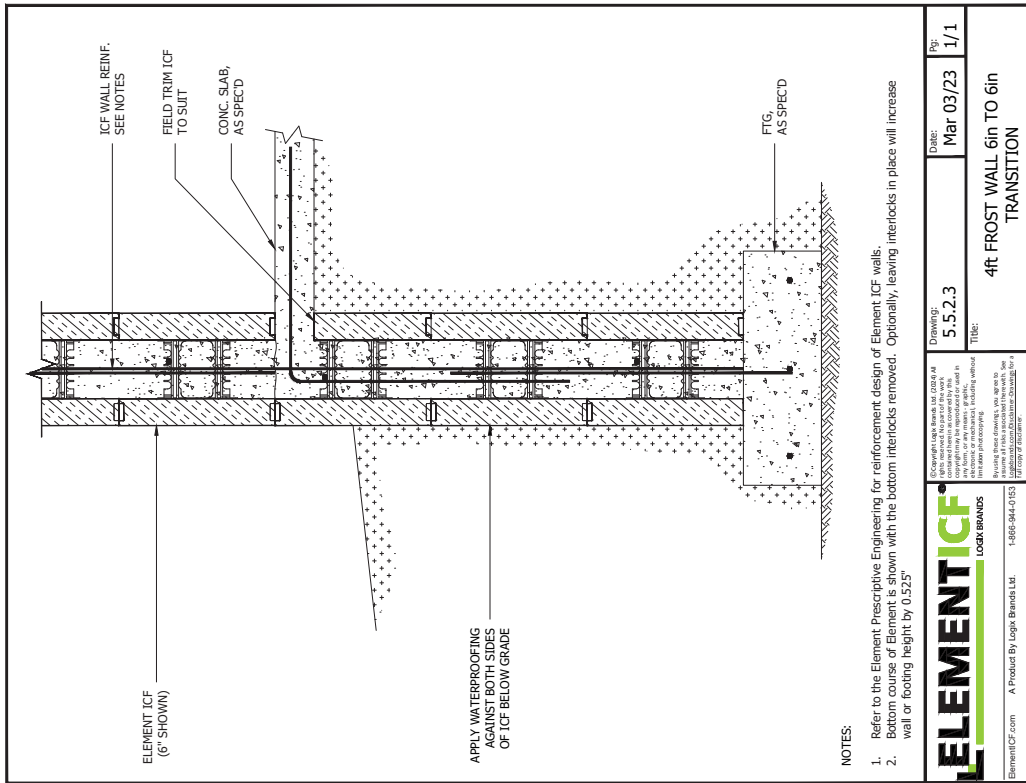
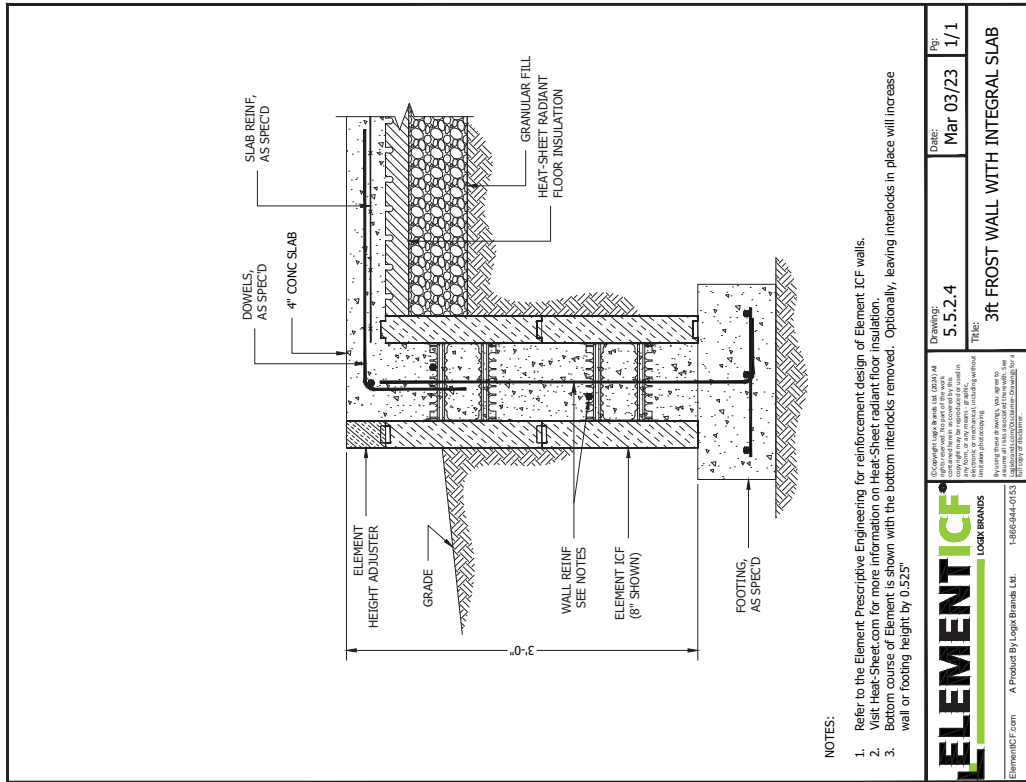


	Date: Mar 03/23 Pg: 1/1	
	Title: CRAWL SPACE WITH BRICK VENEER AND FRAMING	
5.5.1.7 TIE		
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5.5 - CRAWL SPACE

5.5 - FROST WALLS





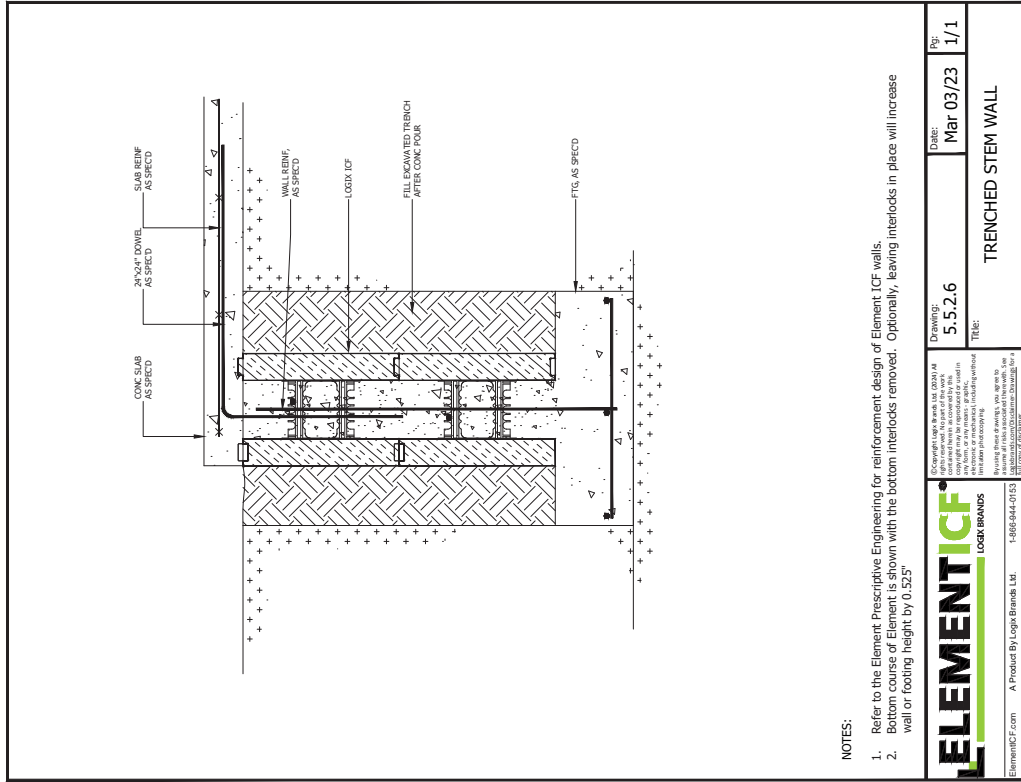
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
3. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525"

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	DATE: Mar 03/23 REV: 1/1

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	DATE: Mar 03/23 REV: 1/1

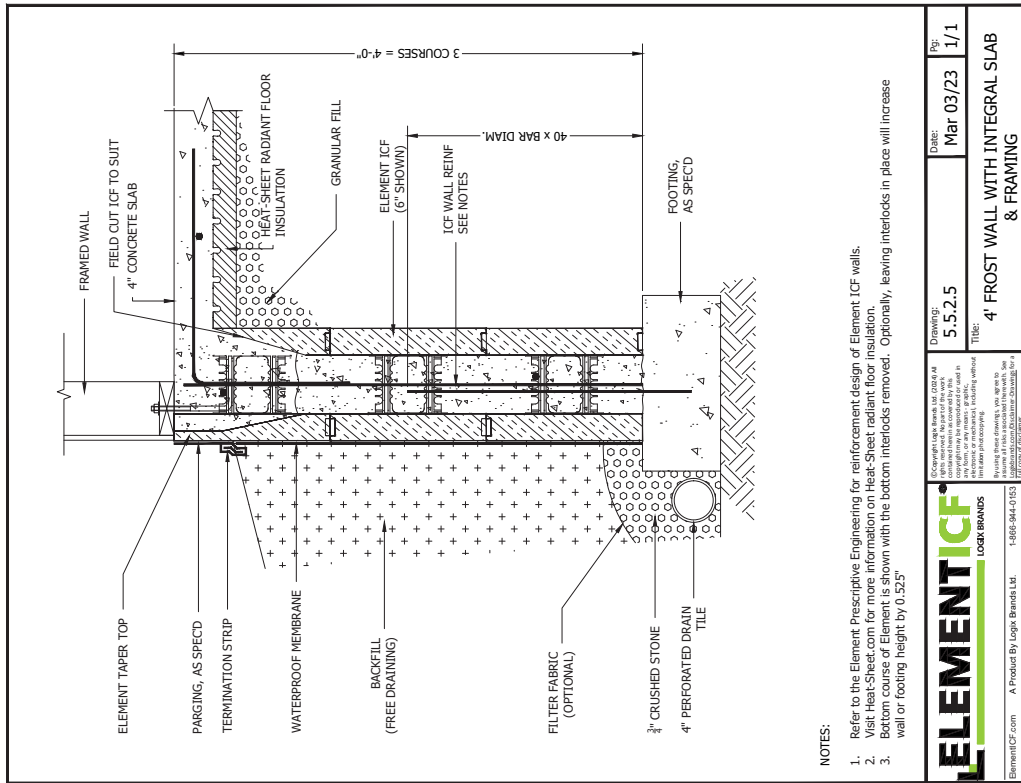
5.5 - FROST WALLS



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525\"/>

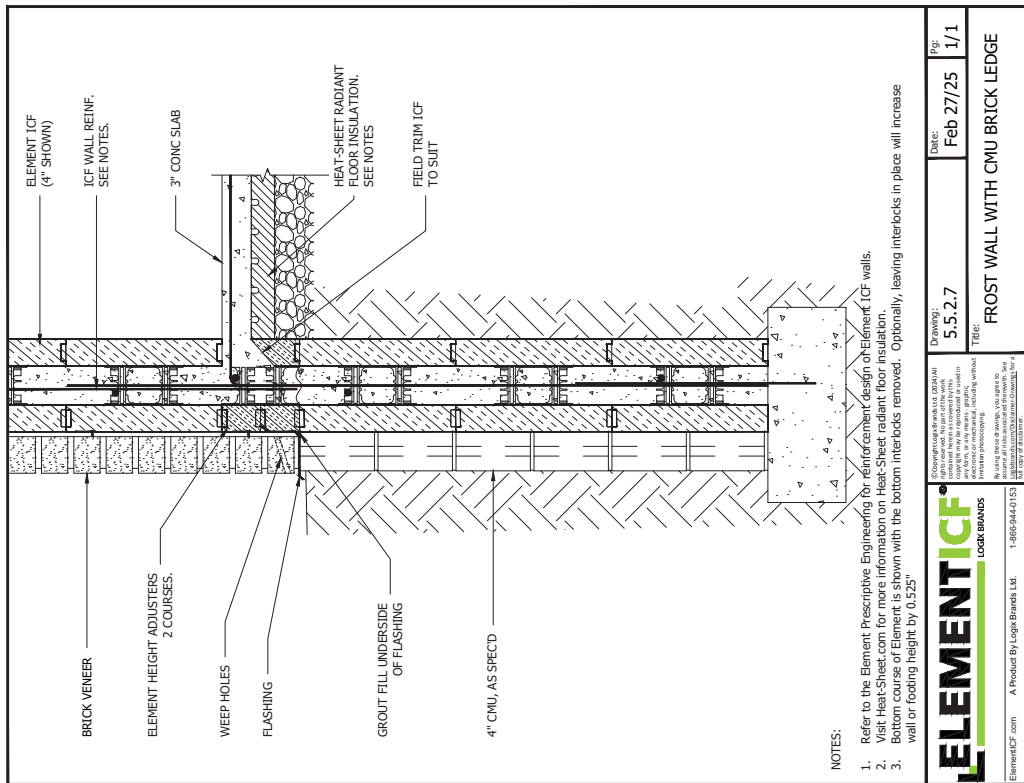
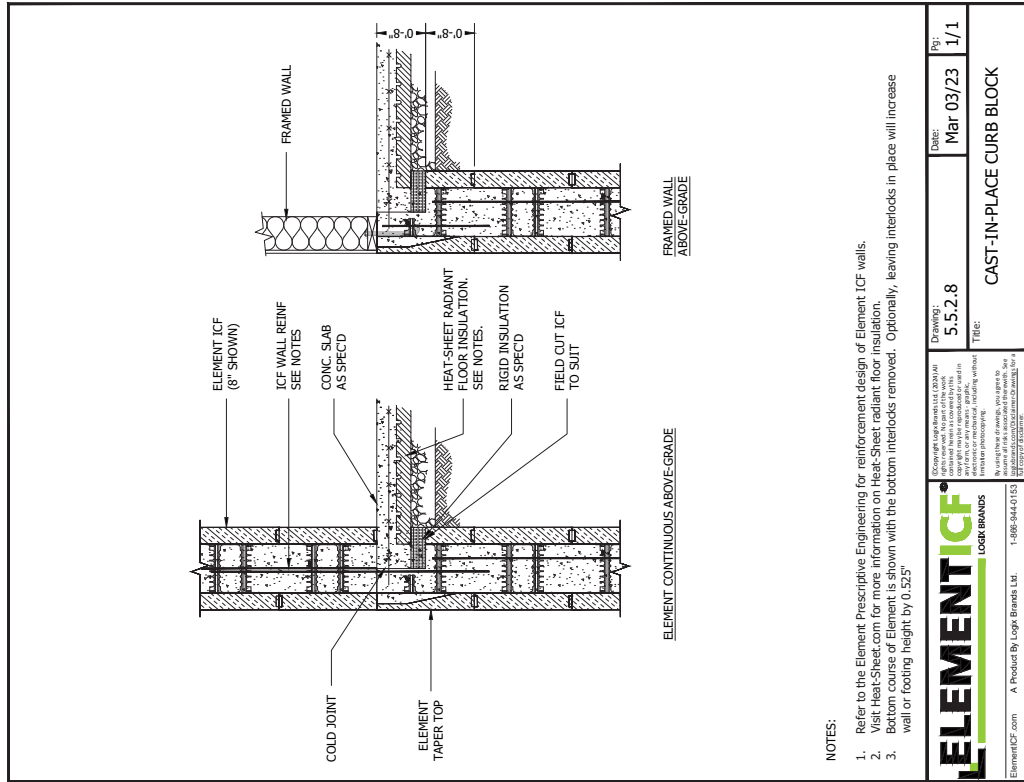
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
3. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525\"/>

	Drawing: 5.5.2.5 Title: 4' FROST WALL WITH INTEGRAL SLAB & FRAMING	Date: Mar 03/23 Pg: 1/1
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Design No: 5.5.2.8 Title: CAST-IN-PLACE CURB BLOCK	Date: Mar 03/23	Rev: 1/1
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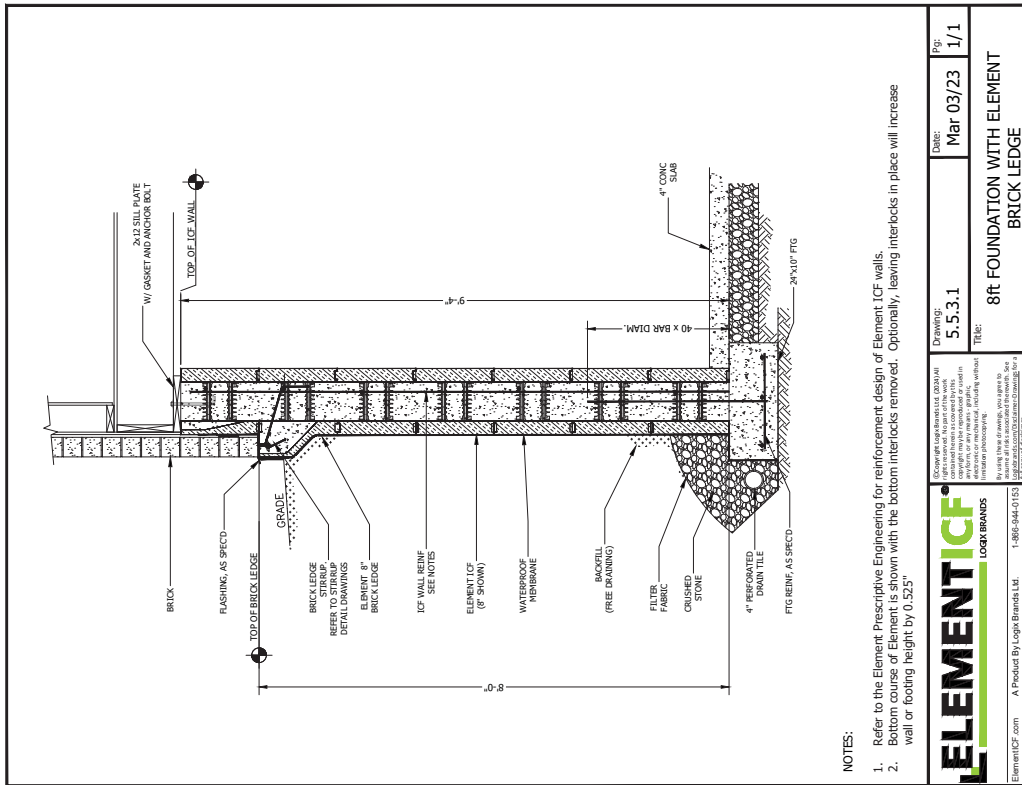
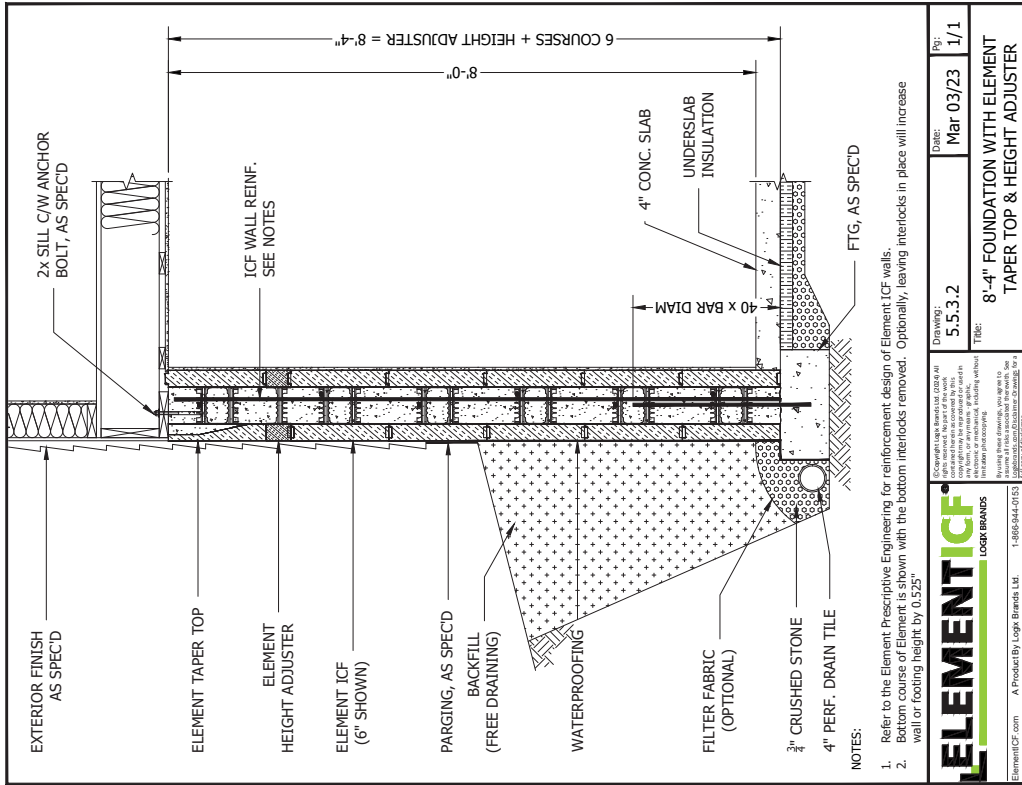
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Design No: 5.5.2.7 Title: FROST WALL WITH CMU BRICK LEDGE	Date: Feb 27/25	Rev: 1/1
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NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
 3. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525"

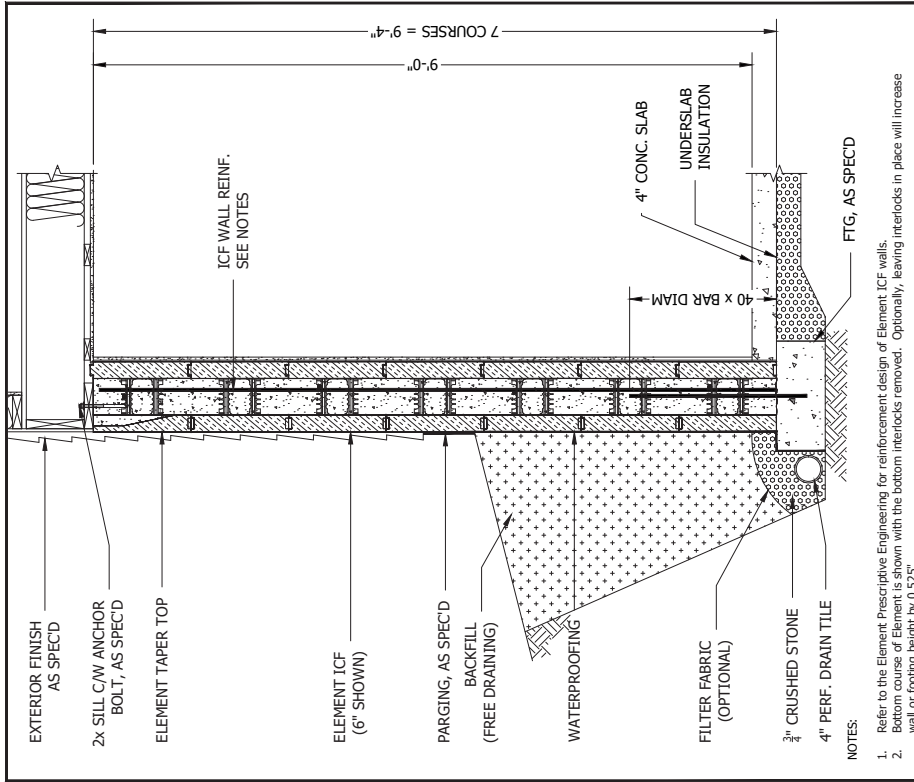
NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
 3. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525"

5.5 - BASEMENTS

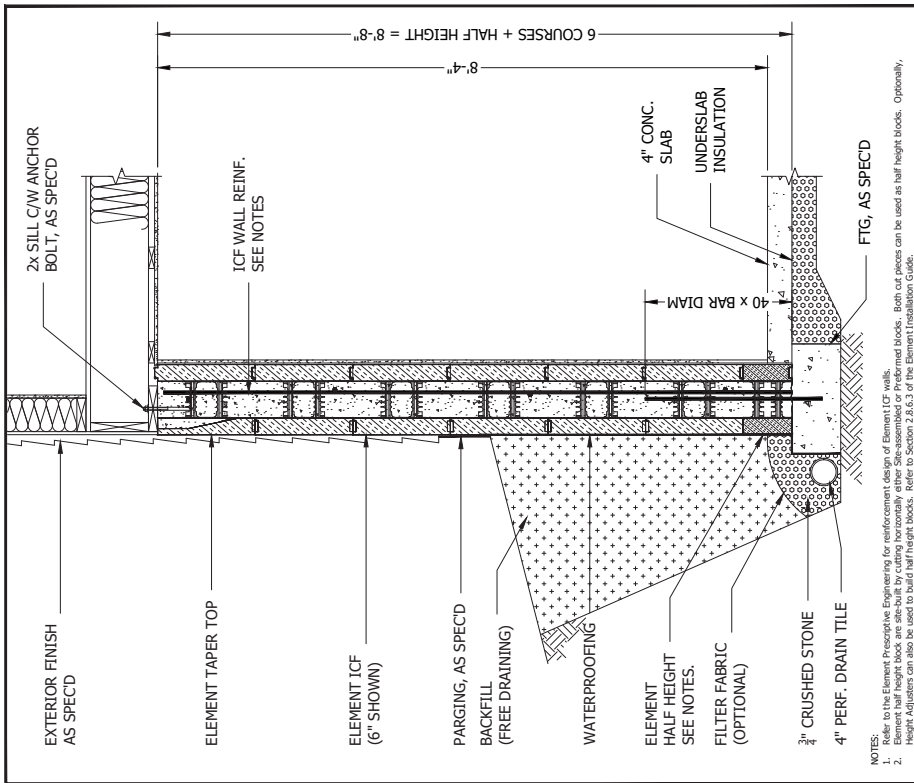


	Drawing: 5.5.3.2 Title: 8'-4" FOUNDATION WITH ELEMENT TAPER TOP & HEIGHT ADJUSTER	Date: Mar 03/23 Pp: 1/1
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	Drawing: 5.5.3.1 Title: 8ft FOUNDATION WITH ELEMENT BRICK LEDGE	Date: Mar 03/23 Pp: 1/1
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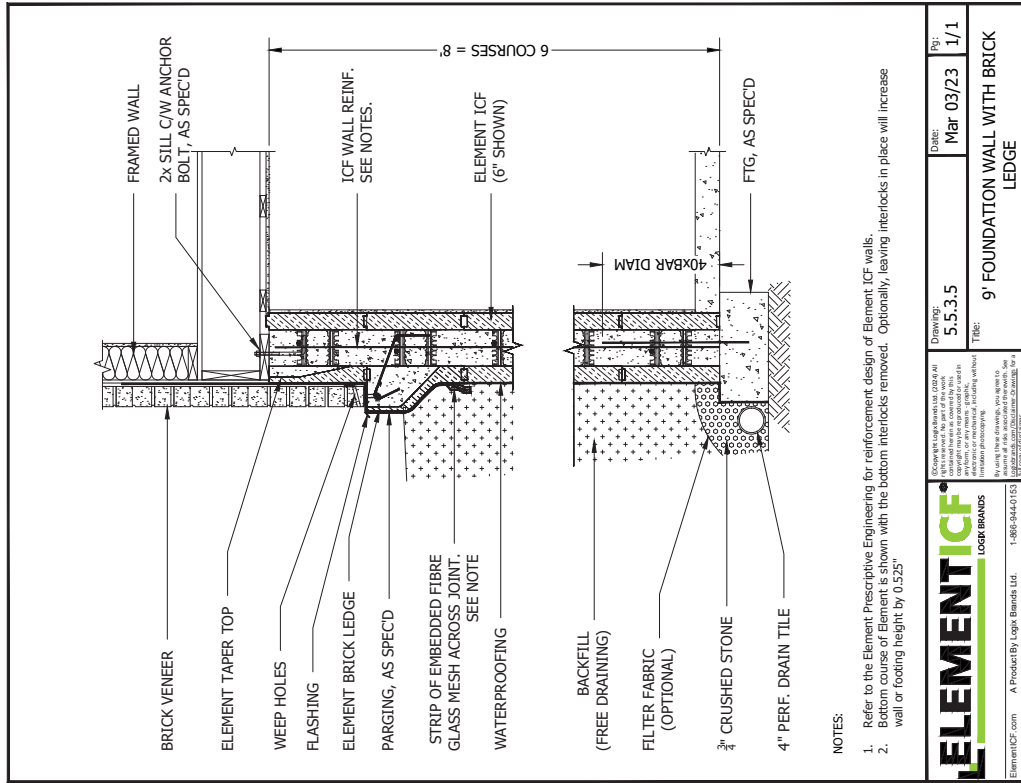
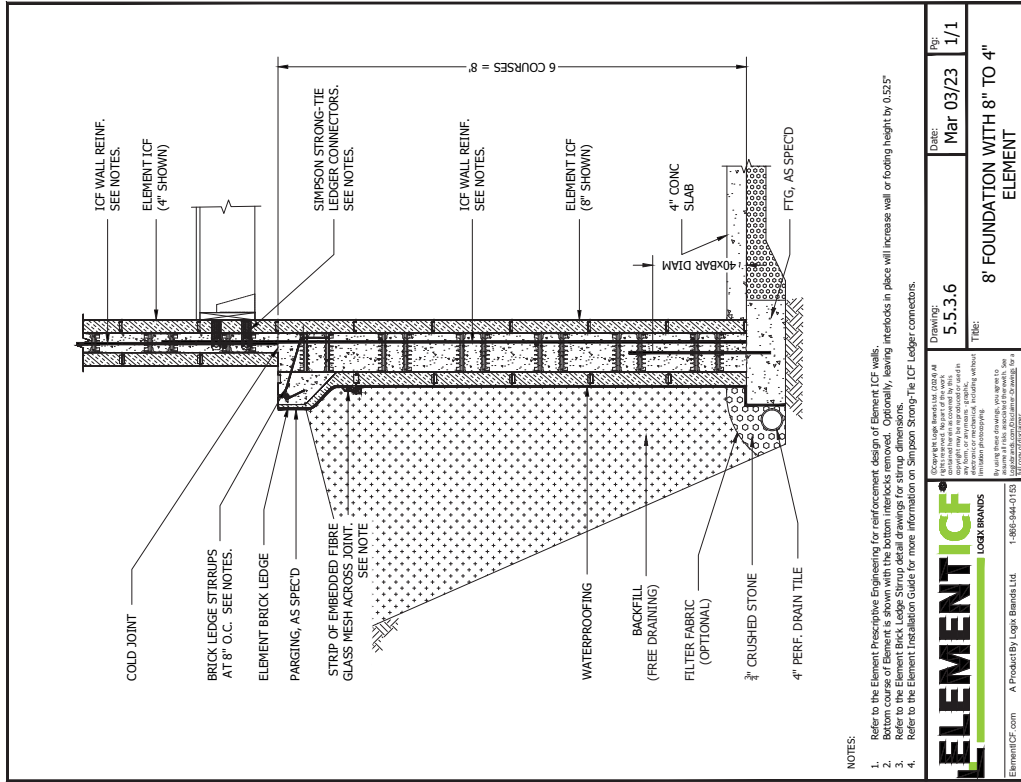


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ELEMENTICF LOGIX BRANDS	Drawing: 5.5.3.4 Title: 9'-4" FOUNDATION WALL
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ELEMENTICF LOGIX BRANDS	Drawing: 5.5.3.3 Title: 8'-8" FOUNDATION WALL WITH ELEMENT HALF HEIGHT
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5.5 - BASEMENTS



NOTES:

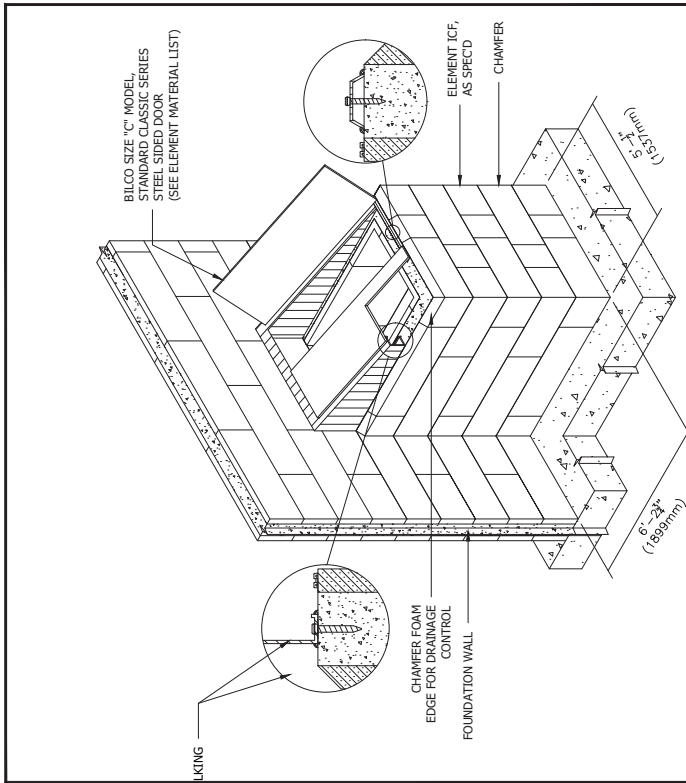
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525"
3. Refer to the Element Brick Ledge Stirrup detail drawings for stirrup dimensions.
4. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

	Drawing: 5.5.3.6 Title: 8' FOUNDATION WITH 8" TO 4" ELEMENT	Date: Mar 03/23 Pg: 1/1
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525"

	Drawing: 5.5.3.5 Title: 9' FOUNDATION WALL WITH BRICK LEDGE	Date: Mar 03/23 Pg: 1/1
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PS: 1/1

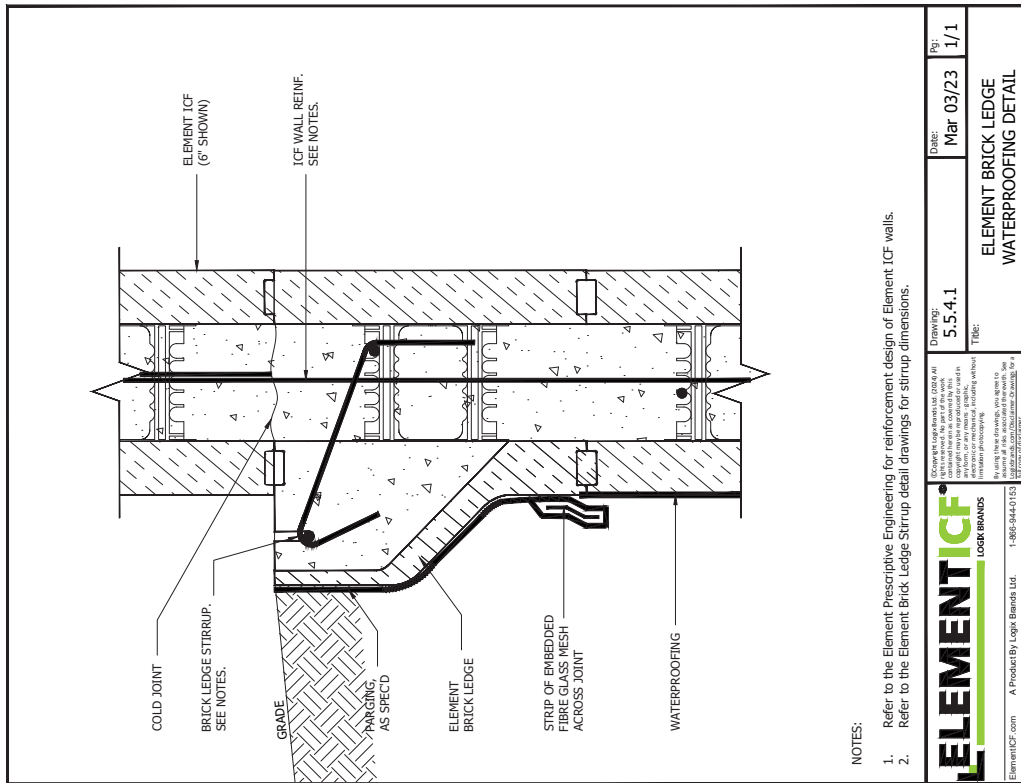
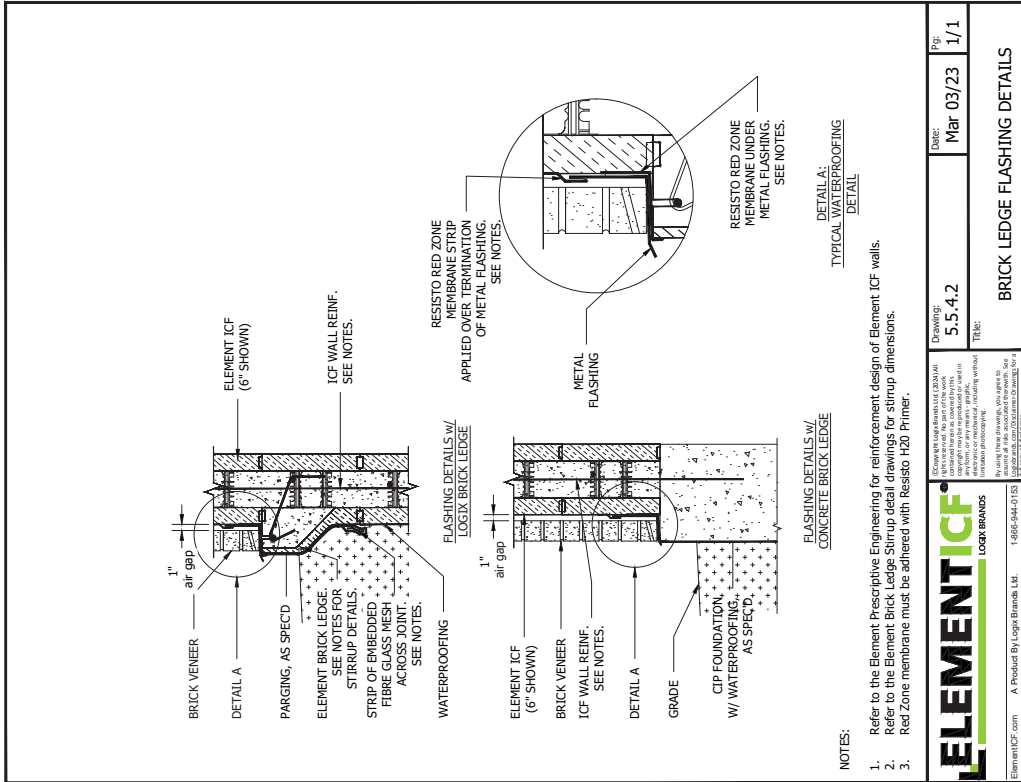
TITLE: ELEMENT ICF WITH BILCO SIZE 'C' STANDARD CLASSIC SERIES DOORS

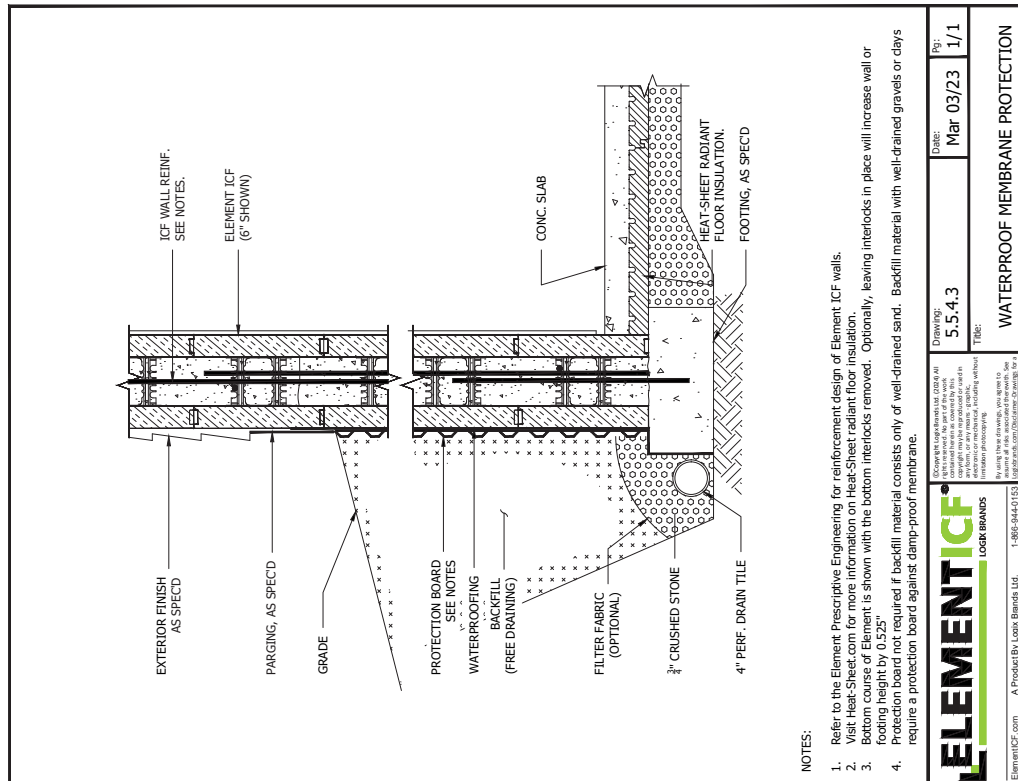
DRAWING: 5.5.3.9

NOTES:

1. Foundation wall height typically one course higher than 90° Corner Forms (per course) – 2
2. Standards (per course) – 3 (Field cut to size)
3. Caulk all around the exterior of the frame where it meets the concrete with exterior grade silicone caulking.
4. Install Bilco door as per recommended manufacturer's installation instructions.
5. For more information on Bilco products please visit www.bilco.com

5.5 - WATER PROOFING





- NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
 3. Bottom course of Element is shown with the bottom interlocks removed. Optionally, leaving interlocks in place will increase wall or footing height by 0.525\"/>
 - 4. Protection board not required if backfill material consists only of well-drained sand. Backfill material with well-drained gravels or clays require a protection board against damp-proof membrane.

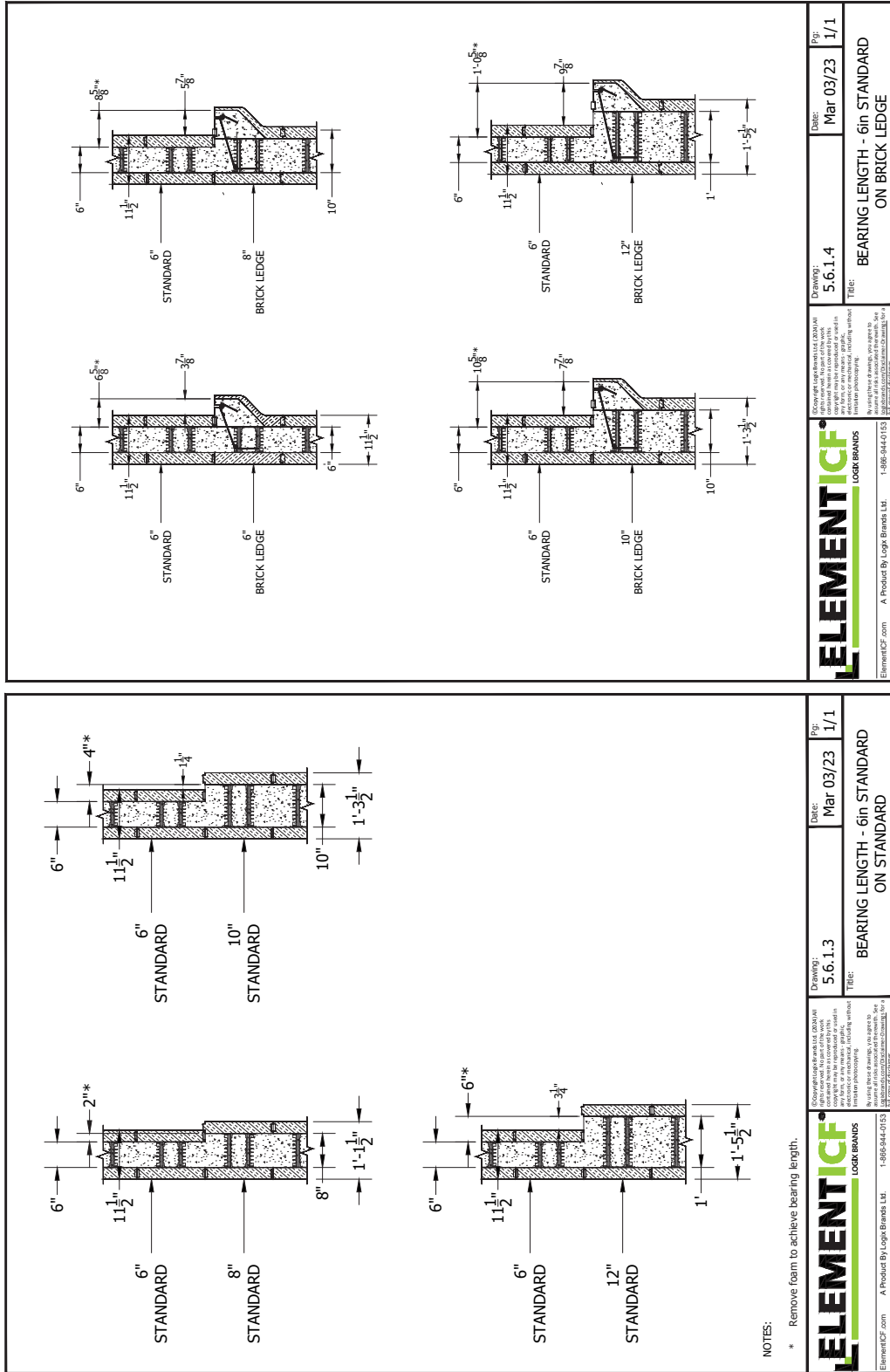
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	A Product By Logix Brands Ltd. 1-800-644-1155 ElementICF.com	Date: Mar 03/23 By: 1/1

2/2/2024 11:37:56 AM

5.6 - FLOOR CONNECTIONS AT EXTERIOR WALL

5.6 - ELEMENT BEARING LENGTHS

		<p>NOTES: * Remove foam to achieve bearing length.</p> <p>ELEMENTICF LOGIX BRANDS</p> <p>Copyright © 2023 Element ICF, Inc. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Element ICF, Inc. For more information, please contact us at 1-888-944-0155 or elementicf.com.</p> <p>ElementICF.com A Product By Logix Brands Ltd. 1-888-944-0155 2/2023 11:57:10 AM</p> <p>Fig: 1/1 Date: Mar 03/23 Drawing: 5.5.6.1 TITLE: BEARING LENGTH - 4in STANDARD ON STANDARD</p>
<p>NOTES: * Remove foam to achieve bearing length.</p> <p>ELEMENTICF LOGIX BRANDS</p> <p>Copyright © 2023 Element ICF, Inc. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Element ICF, Inc. For more information, please contact us at 1-888-944-0155 or elementicf.com.</p> <p>ElementICF.com A Product By Logix Brands Ltd. 1-888-944-0155 2/2023 11:57:00 AM</p> <p>Fig: 1/1 Date: Mar 03/23 Drawing: 5.5.6.2 TITLE: BEARING LENGTH - 4in STANDARD ON BRICK LEDGE</p>		



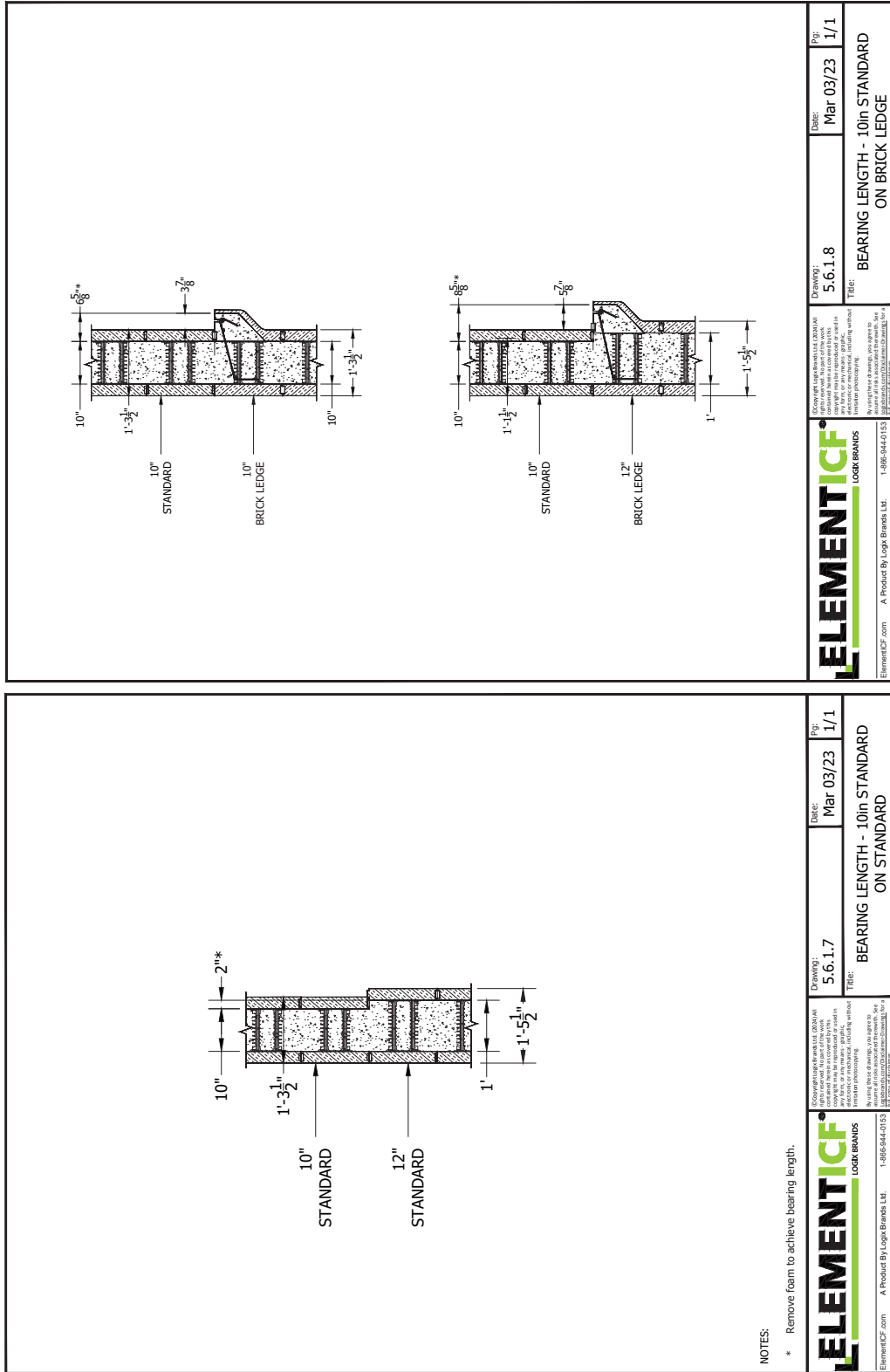
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	ElementICF.com A Product By Logix Brands Ltd. 1-866-944-0152	2/2024 11:56:39 AM

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	ElementICF.com A Product By Logix Brands Ltd. 1-866-944-0152	2/2024 11:56:49 AM

5.6 - ELEMENT BEARING LENGTHS

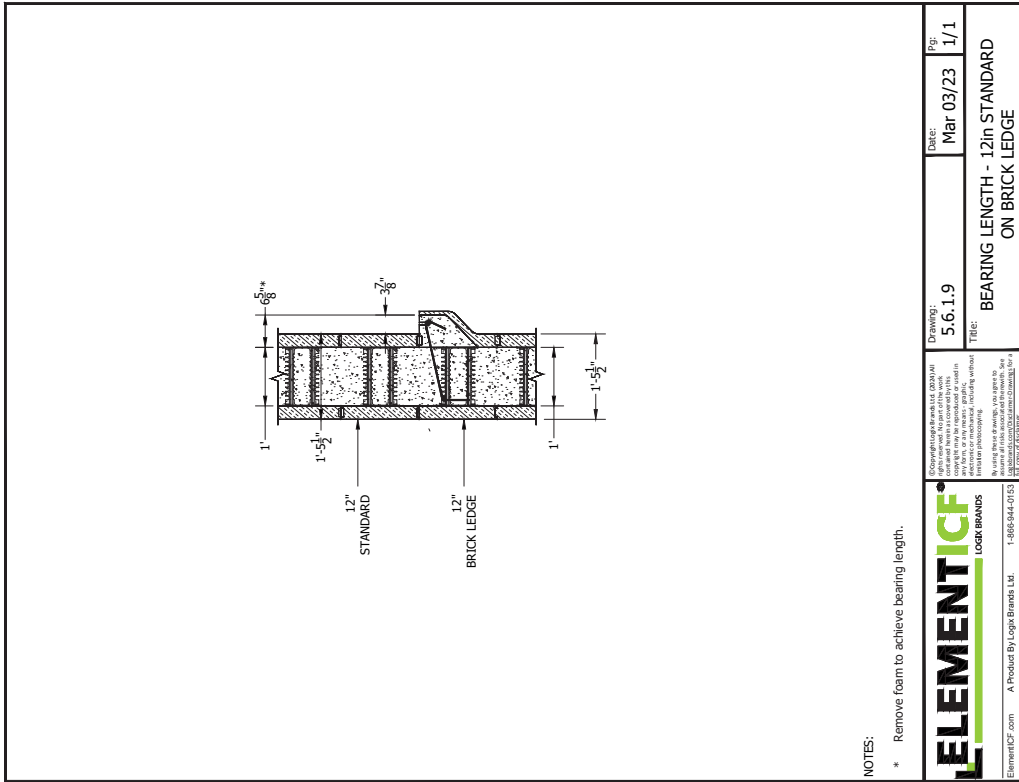
5.6 - ELEMENT BEARING LENGTHS

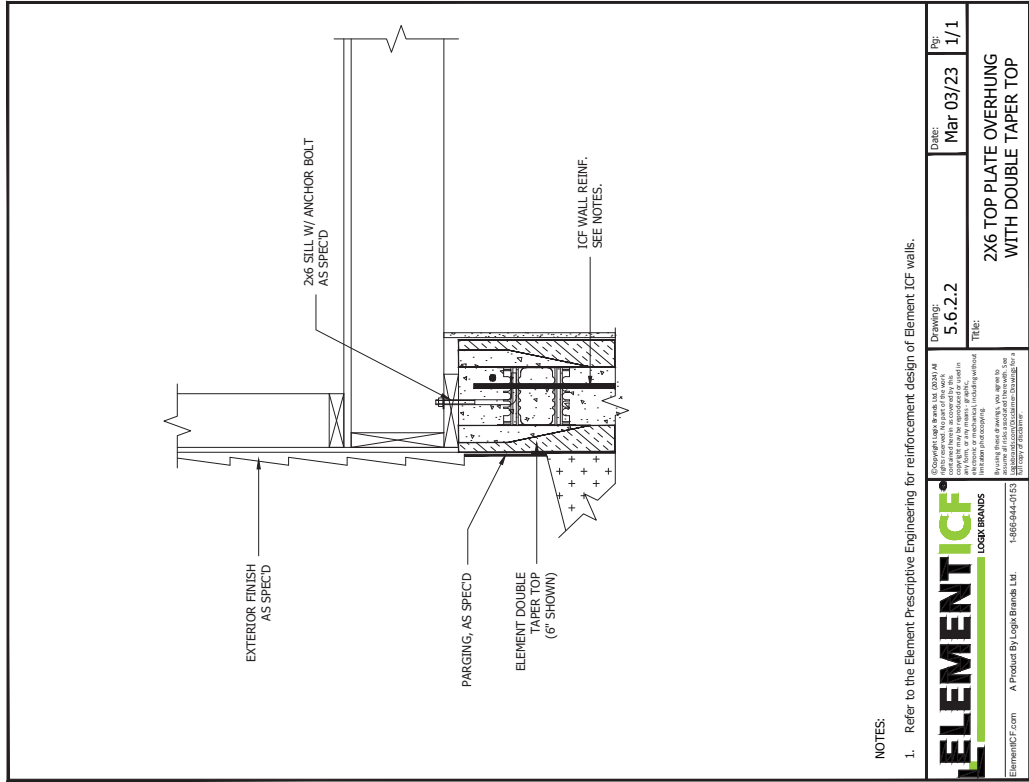




5.6 - ELEMENT BEARING LENGTHS

5.6 - ELEMENT BEARING LENGTHS

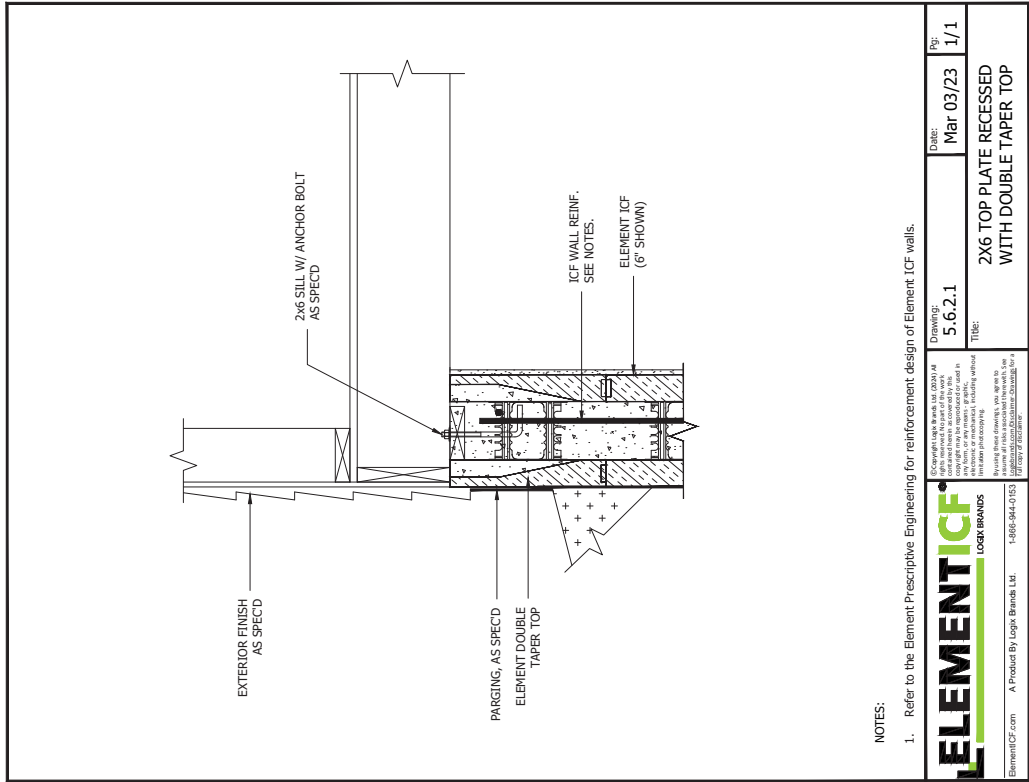




NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

 LOGIX BRANDS ElementICF.com A Product By Logix Brands, Ltd. 1-866-844-0153 2/20/24 11:53:18 AM	Drawing: 5.6.2.2 Title: 2X6 TOP PLATE OVERHUNG WITH DOUBLE TAPER TOP	Date: Mar 03/23 Page: 1/1
	<p><small>THIS DRAWING IS THE PROPERTY OF LOGIX BRANDS, LTD. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE TITLE. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF LOGIX BRANDS, LTD. IS STRICTLY PROHIBITED. LOGIX BRANDS, LTD. IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS. THE USER ASSUMES ALL LIABILITY FOR THE USE OF THIS DRAWING.</small></p>	

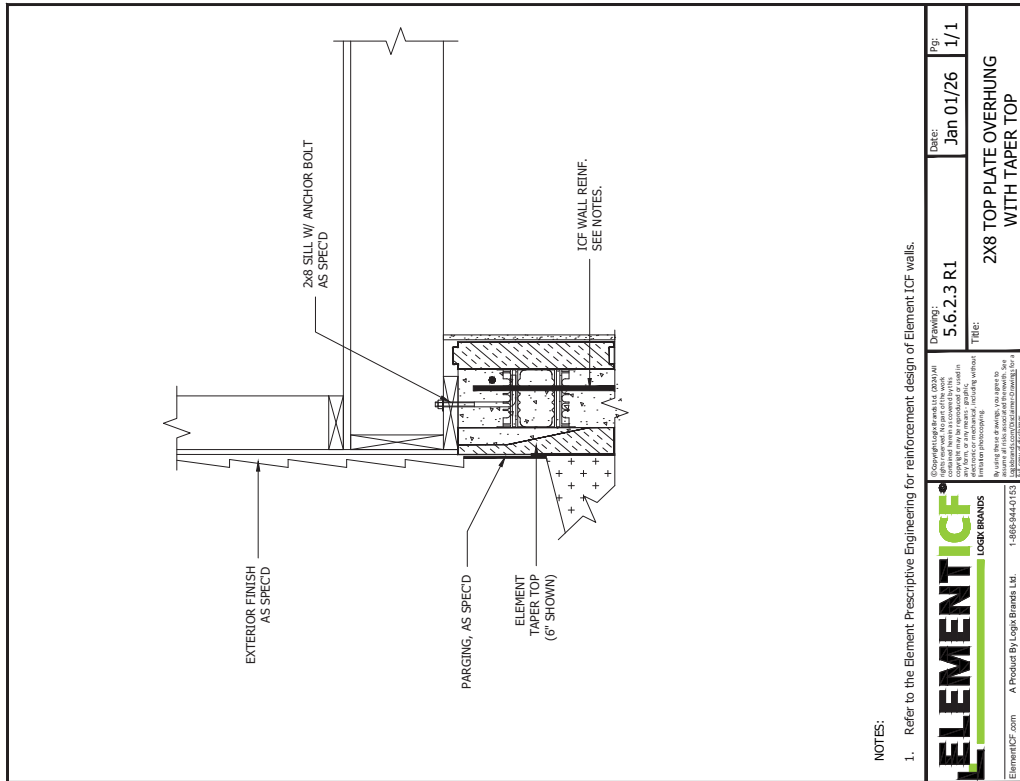
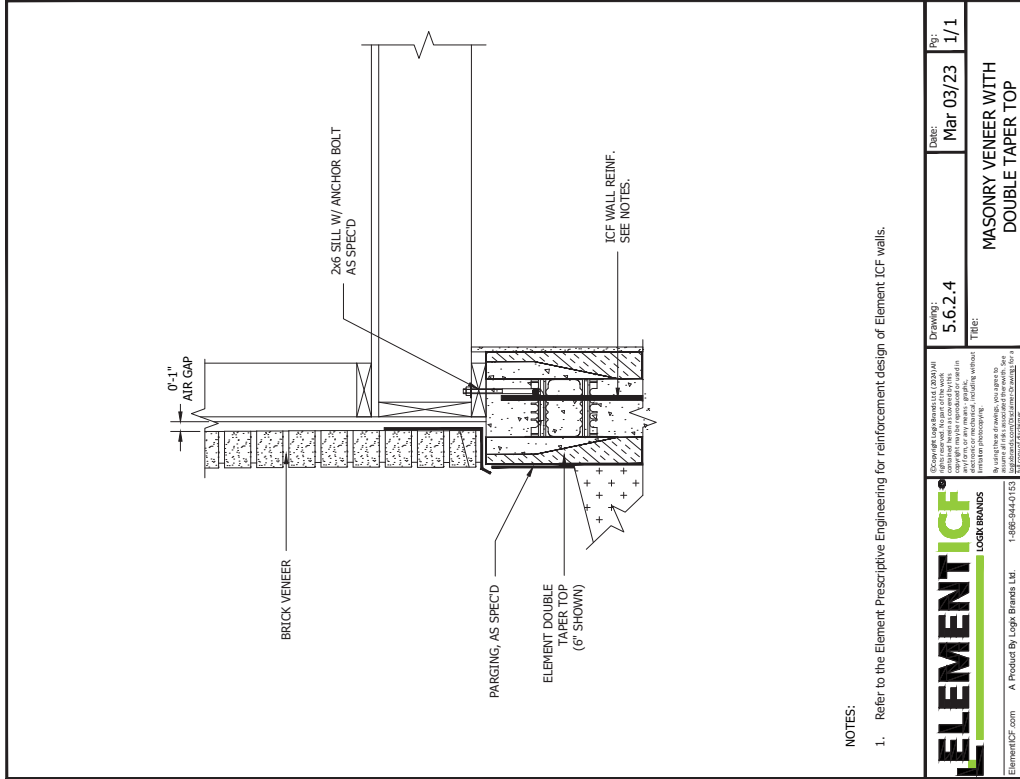


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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5.6 - WOOD JOISTS AT EXTERIOR



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.6.2.4 Title: MASONRY VENEER WITH DOUBLE TAPER TOP	Date: Mar 03/23 Page: 1/1
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	Drawing: 5.6.2.3 R1 Title: 2X8 TOP PLATE OVERHUNG WITH TAPER TOP	Date: Jan 01/26 Page: 1/1
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NOTES:

- Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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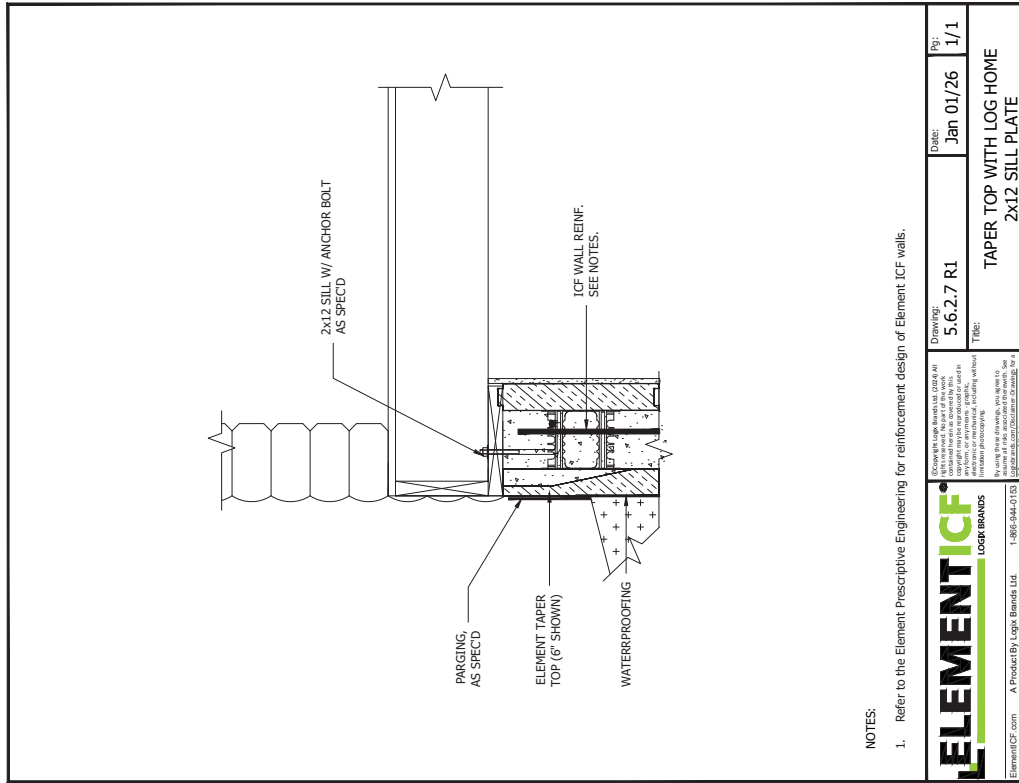
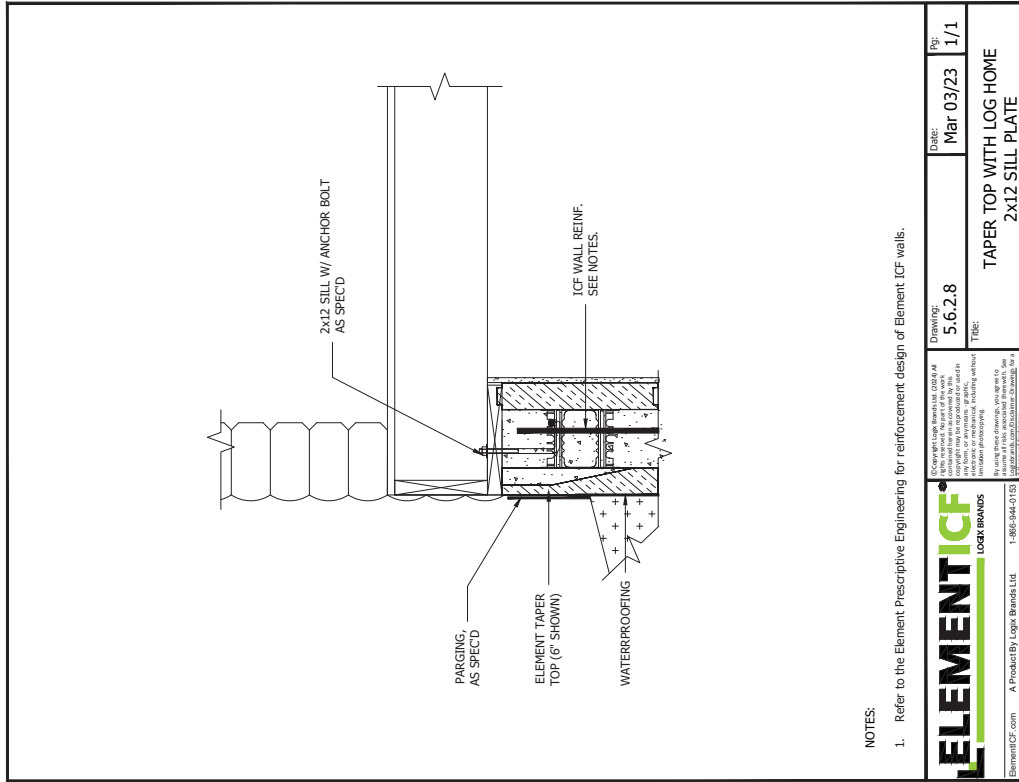
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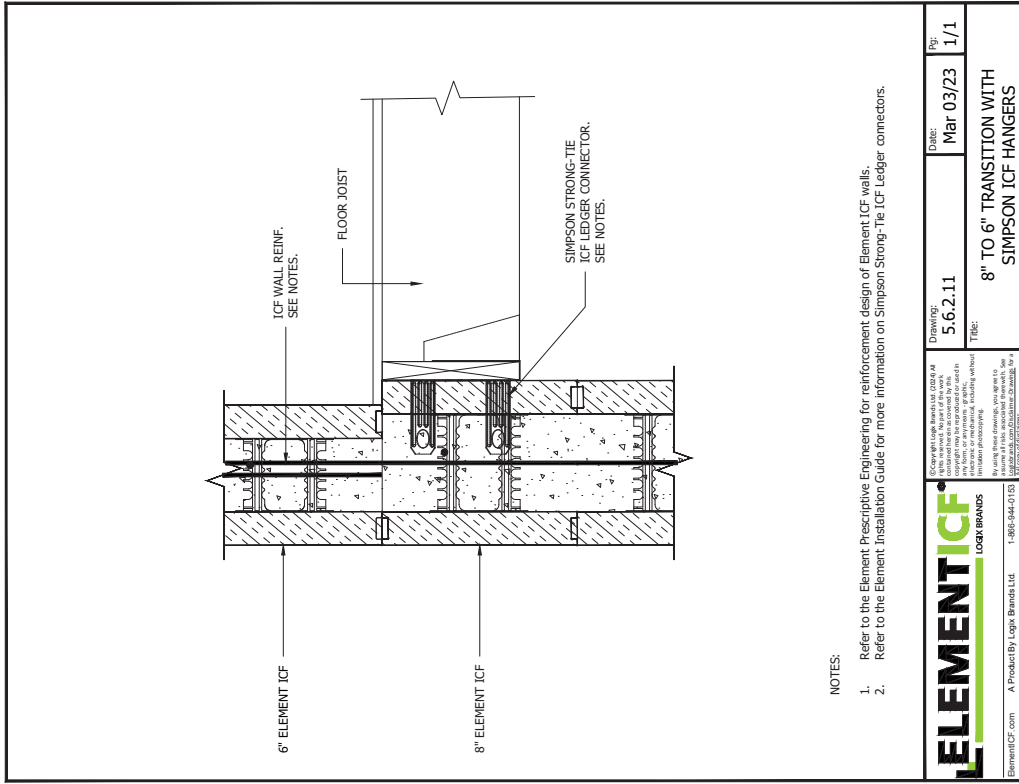
- Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.6.2.5 Title: 2x LUMBER LEDGER	Date: Mar 03/23 Pg: 1/1
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5.6 - WOOD JOISTS AT EXTERIOR

5.6 - WOOD JOISTS AT EXTERIOR



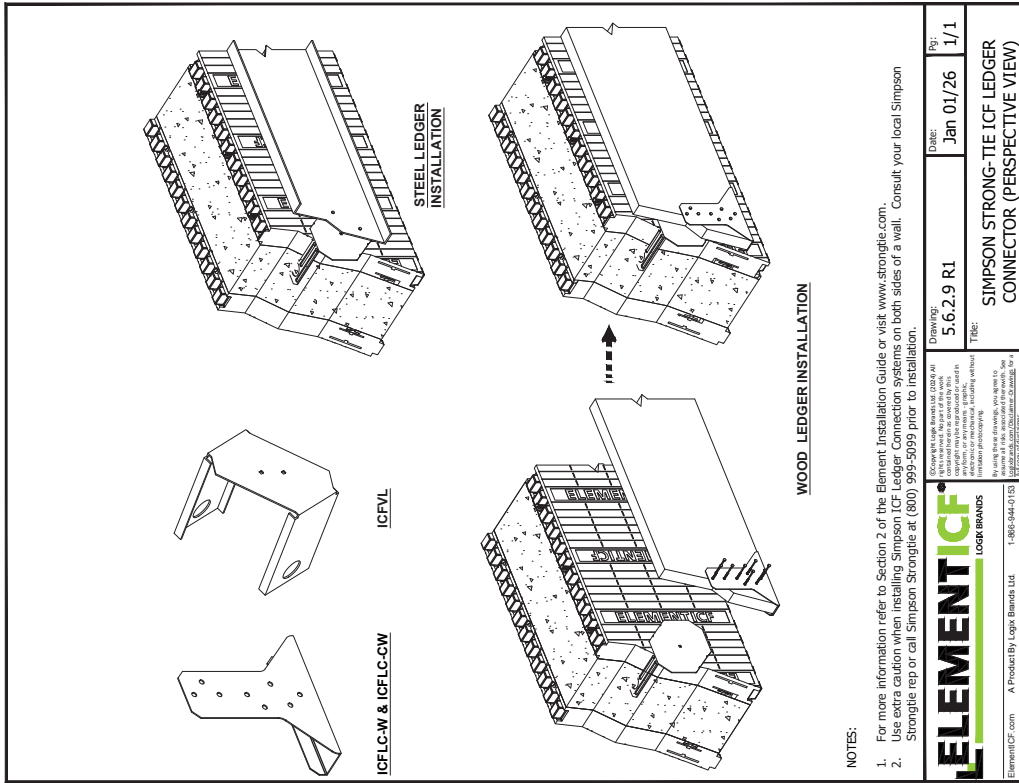


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

	Drawing: 5.6.2.11 Title: 8" TO 6" TRANSITION WITH SIMPSON ICF HANGERS	Date: Mar 03/23 Page: 1/1
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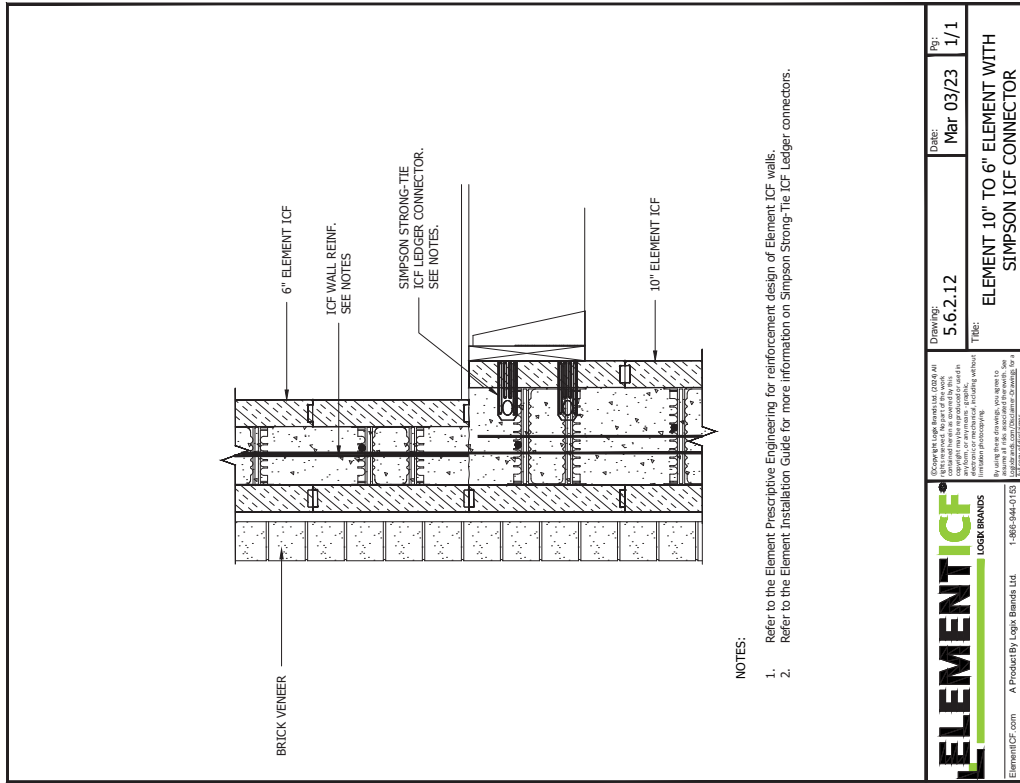
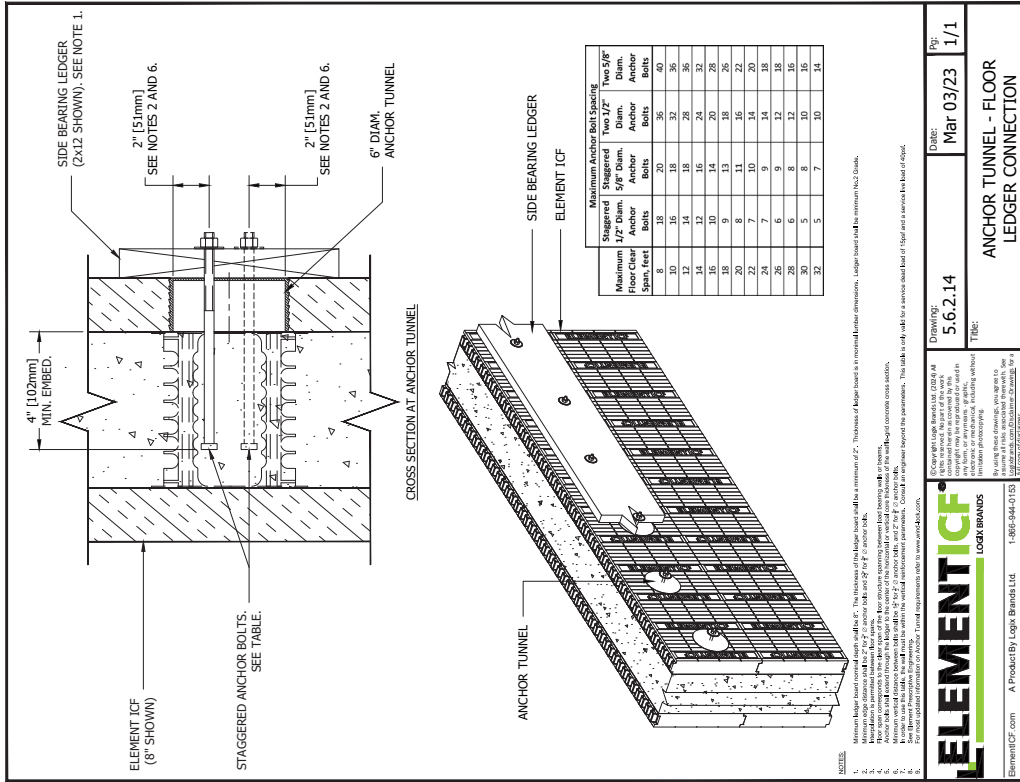


NOTES:

1. For more information refer to Section 2 of the Element Installation Guide or visit www.strongtie.com.
2. Use extra caution when installing Simpson ICF Ledger Connection systems on both sides of a wall. Consult your local Simpson Strongtie rep or call Simpson Strongtie at (800) 999-5099 prior to installation.

	Drawing: 5.6.2.9 R1 Title: SIMPSON STRONG-TIE ICF LEDGER CONNECTOR (PERSPECTIVE VIEW)	Date: Jan 01/26 Page: 1/1
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5.6 - WOOD JOISTS AT EXTERIOR



- NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

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Drawing: 5.6.2.14
Title: ANCHOR TUNNEL - FLOOR LEDGER CONNECTION

Date: Mar 03/23
Pg: 1/1

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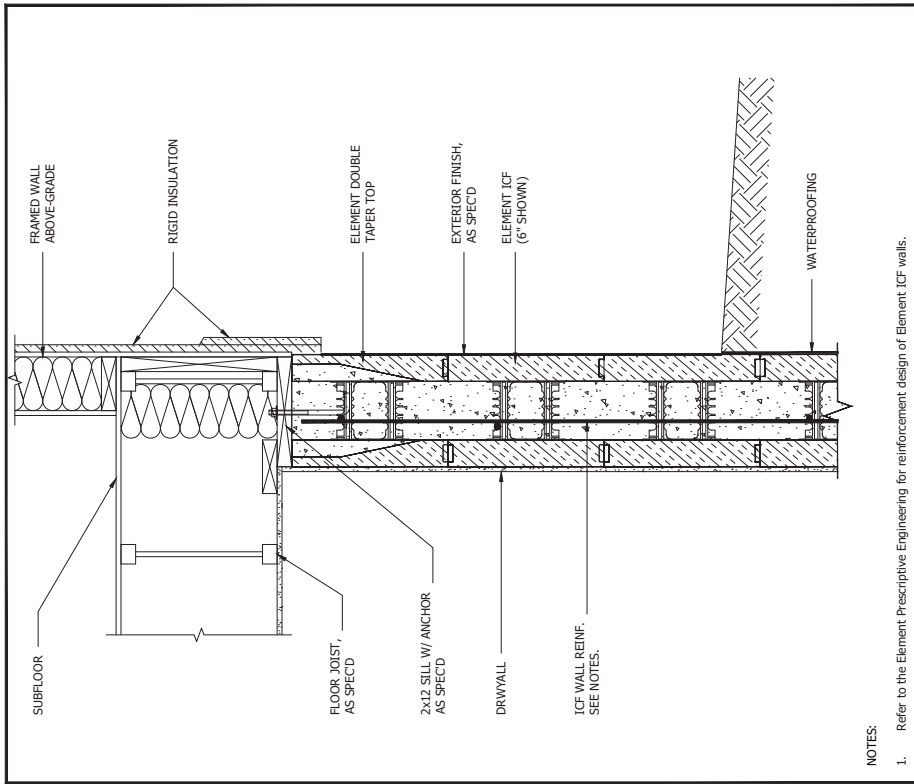
Drawing: 5.6.2.12
Title: ELEMENT 10" TO 6" ELEMENT WITH SIMPSON ICF CONNECTOR

Date: Mar 03/23
Pg: 1/1

Maximum Floor Clear Span, feet	Maximum Anchor Bolt Spacing		Two 5/8" Dia. Anchor Bolts		Two 3/4" Dia. Anchor Bolts	
	1 1/2" Dia. Anchor Bolts	5/8" Dia. Anchor Bolts	1 1/2" Dia. Anchor Bolts	5/8" Dia. Anchor Bolts	1 1/2" Dia. Anchor Bolts	5/8" Dia. Anchor Bolts
8	18	20	18	20	18	20
10	18	20	18	20	18	20
12	14	18	14	18	14	18
14	12	16	12	16	12	16
16	10	14	10	14	10	14
18	9	13	9	13	9	13
20	8	11	8	11	8	11
22	7	10	7	10	7	10
24	7	9	7	9	7	9
26	6	9	6	9	6	9
28	6	8	6	8	6	8
30	5	8	5	8	5	8
32	5	7	5	7	5	7

NOTES:

1. Minimum ledger board must be installed in wall. The thickness of the ledger board shall be a minimum of 2". Thickness of ledger board is in nominal lumber dimensions. Ledger board shall be minimum No. 2 Grade.
2. Maximum ledger board length shall be 24'.
3. Maximum ledger board width shall be 24" or 26" maximum.
4. Maximum ledger board spacing shall be 24" maximum.
5. Maximum ledger board depth shall be 2" maximum.
6. Anchor bolts shall be installed in ledger board in a staggered pattern.
7. Anchor bolts shall be installed in ledger board in a staggered pattern.
8. Anchor bolts shall be installed in ledger board in a staggered pattern.
9. Anchor bolts shall be installed in ledger board in a staggered pattern.
10. Anchor bolts shall be installed in ledger board in a staggered pattern.
11. Anchor bolts shall be installed in ledger board in a staggered pattern.
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26. Anchor bolts shall be installed in ledger board in a staggered pattern.
27. Anchor bolts shall be installed in ledger board in a staggered pattern.
28. Anchor bolts shall be installed in ledger board in a staggered pattern.
29. Anchor bolts shall be installed in ledger board in a staggered pattern.
30. Anchor bolts shall be installed in ledger board in a staggered pattern.
31. Anchor bolts shall be installed in ledger board in a staggered pattern.
32. Anchor bolts shall be installed in ledger board in a staggered pattern.



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

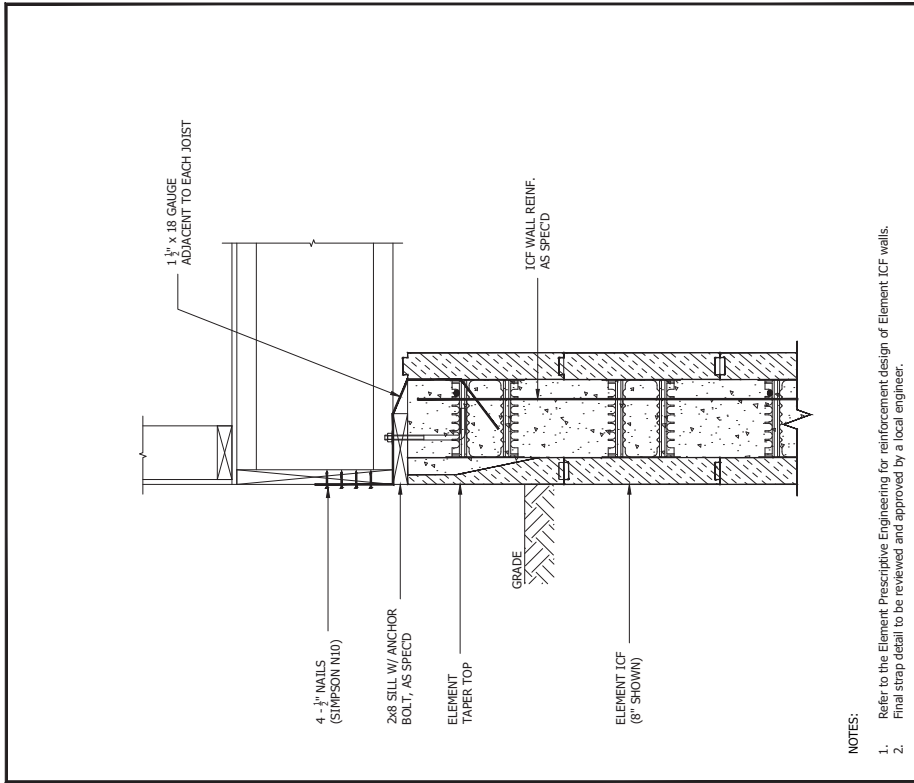
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Drawing: 5.6.2.17
Date: Mar 03/23
Page: 1/2
Title: WOOD FLOOR JOIST PARALLEL TO WALL

23/2024 11:52:05 AM



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Final strap detail to be reviewed and approved by a local engineer.

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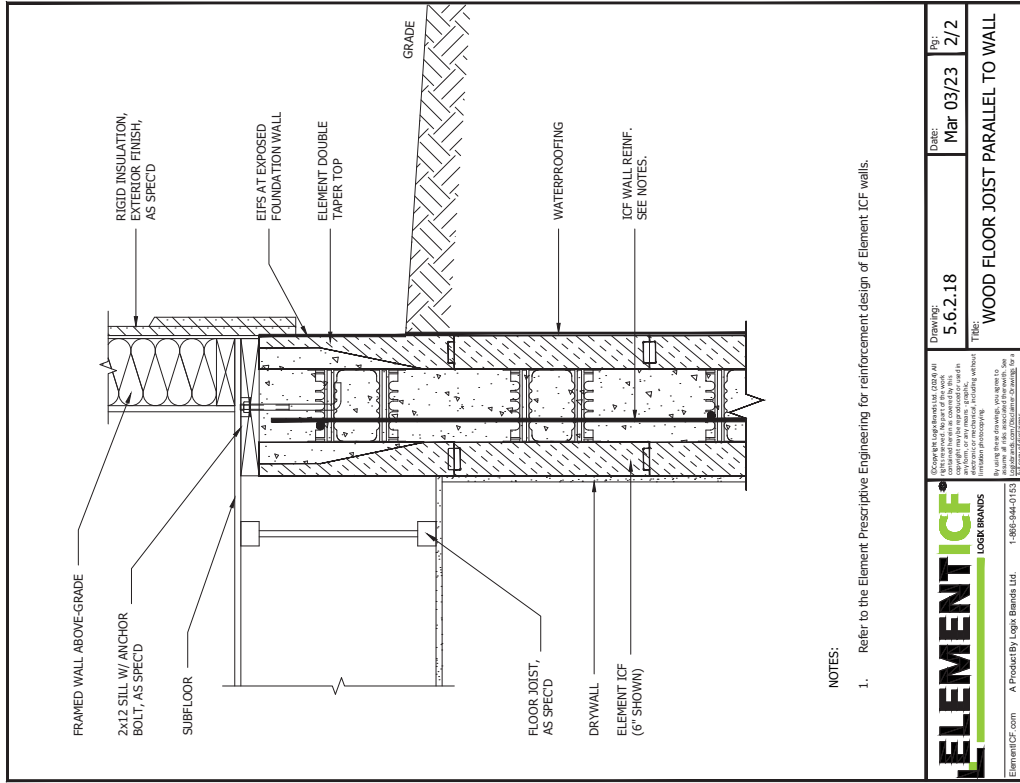
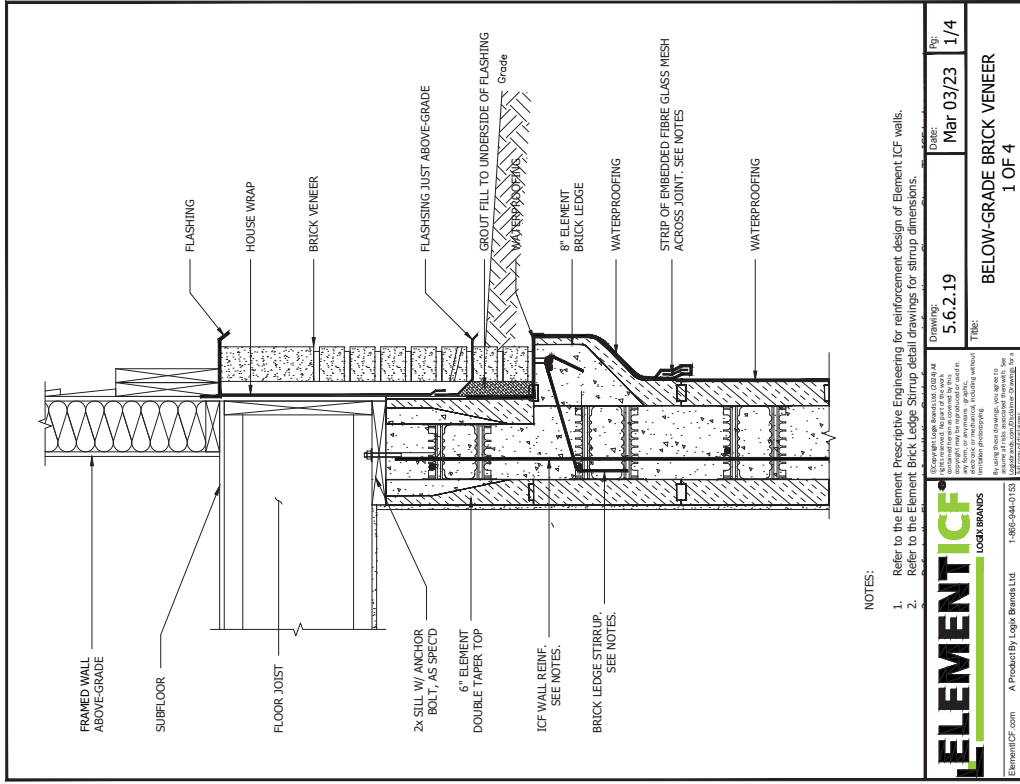
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Date: Mar 03/23
Page: 1/1
Title: FRAME STRAP ALTERNATIVE

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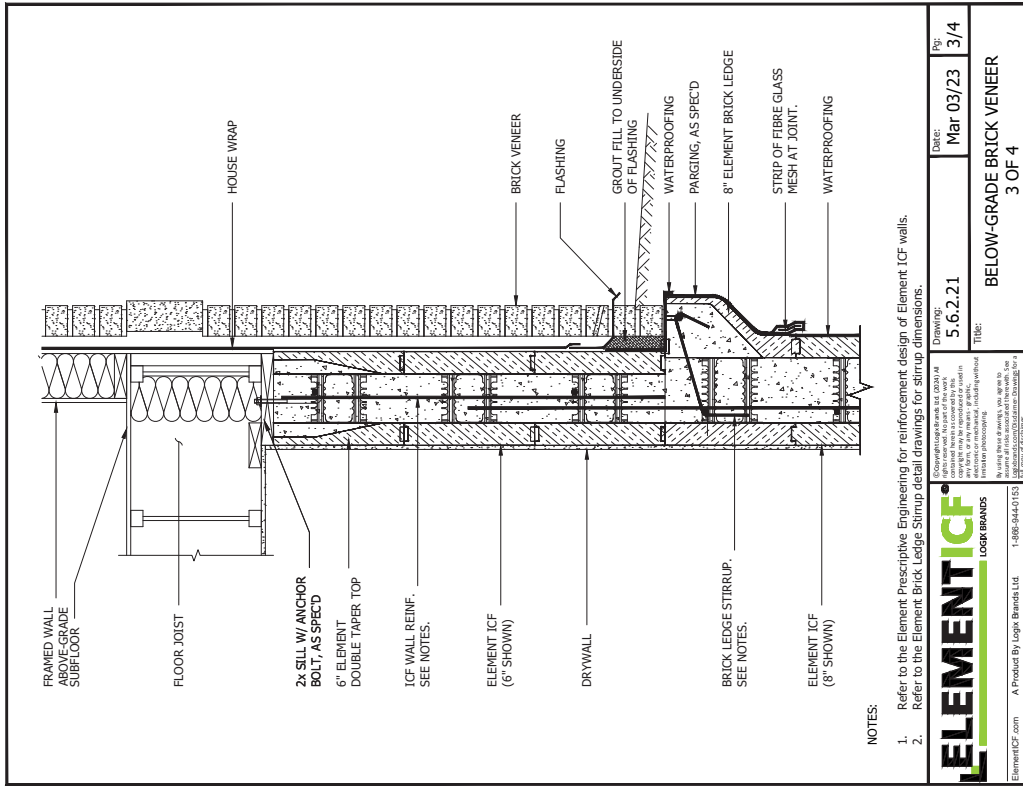
5.6 - WOOD JOISTS AT EXTERIOR



- NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Refer to the Element Brick Ledger Stripup Detail Drawings for Stripup dimensions.

	Drawing: 5.6.2.19 Title: BELOW-GRADE BRICK VENEER 1 OF 4	Date: Mar 03/23 Rev: 1/4
	ElementICF.com A Product By Logix Brands Ltd. 1-800-944-0150 2/2024 115193.AM	

	Drawing: 5.6.2.18 Title: WOOD FLOOR JOIST PARALLEL TO WALL	Date: Mar 03/23 Rev: 2/2
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Brick Ledge Strrup detail drawings for strrup dimensions.

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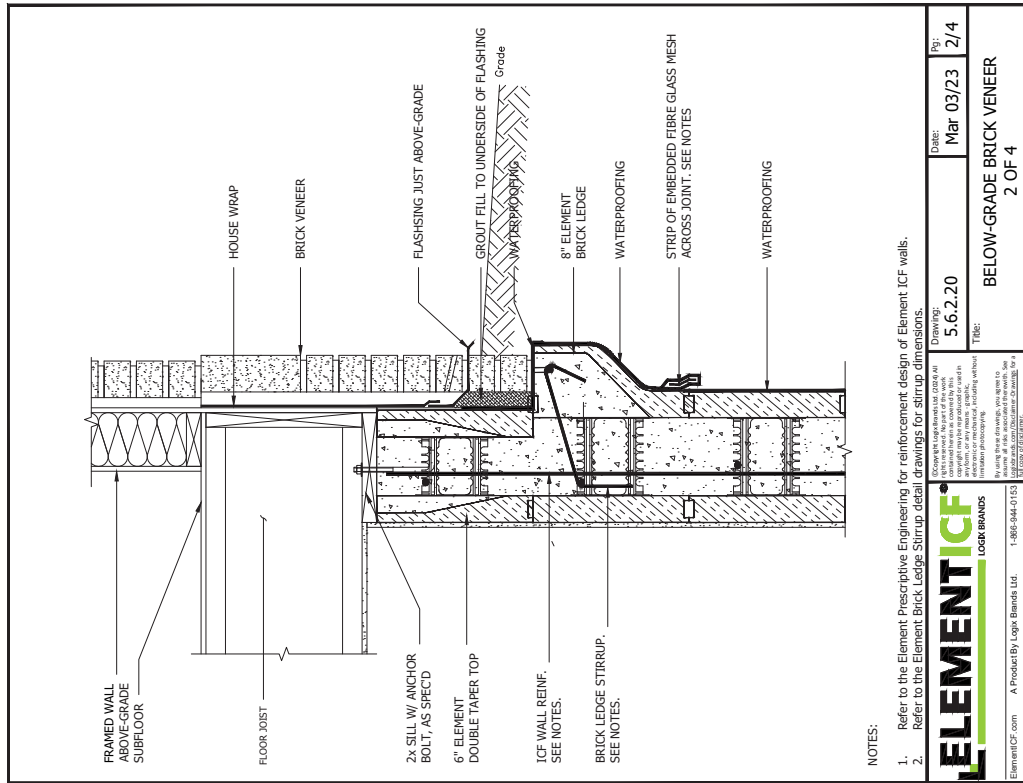
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Drawing: 5.6.2.21 Date: Mar 03/23 By: 3/4

Title: BELOW-GRADE BRICK VENEER 3 OF 4

25/02/21 11:49:52 AM



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Brick Ledge Strrup detail drawings for strrup dimensions.

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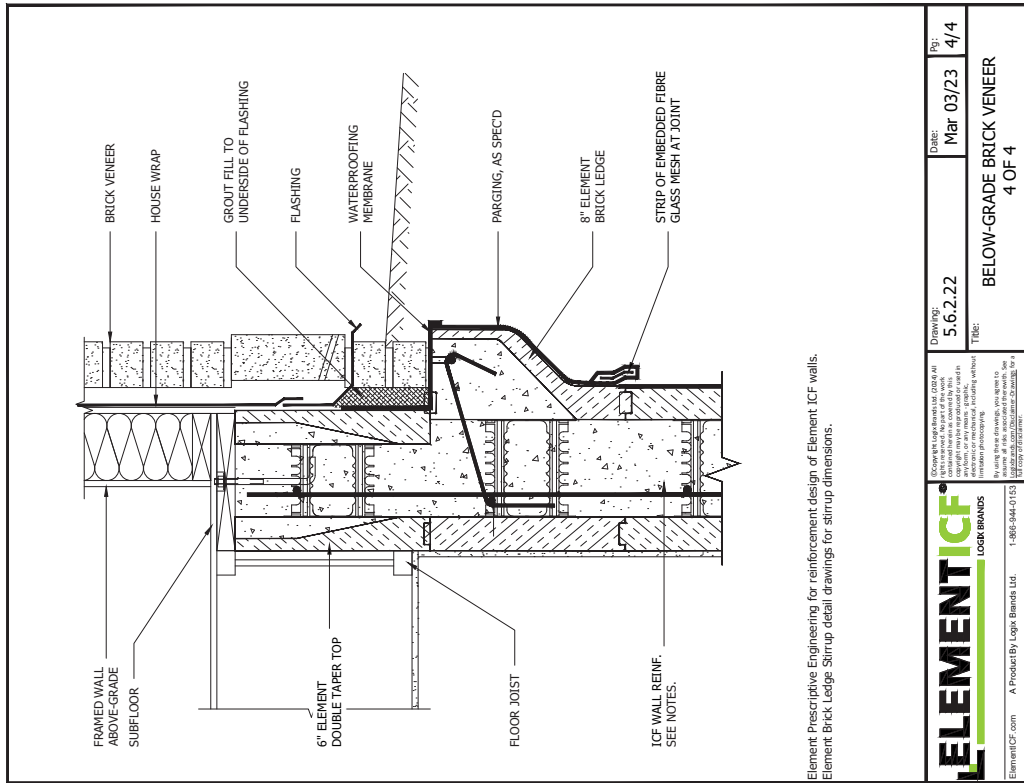
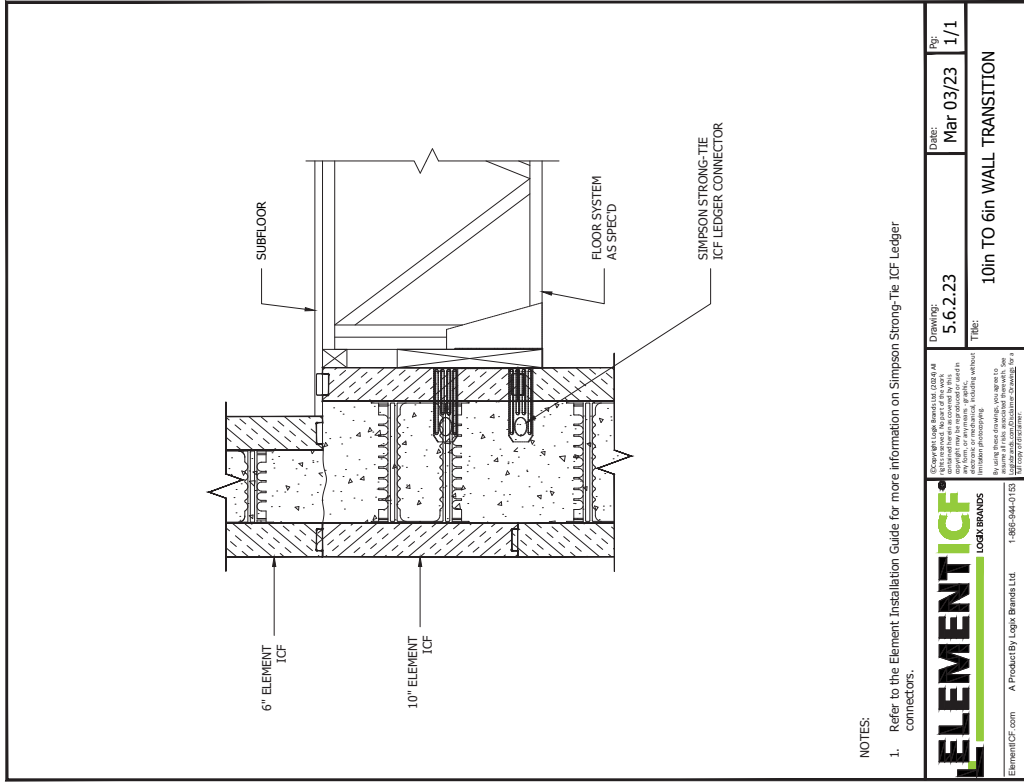
Drawing: 5.6.2.20 Date: Mar 03/23 By: 2/4

Title: BELOW-GRADE BRICK VENEER 2 OF 4

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5.6 - WOOD JOISTS AT EXTERIOR

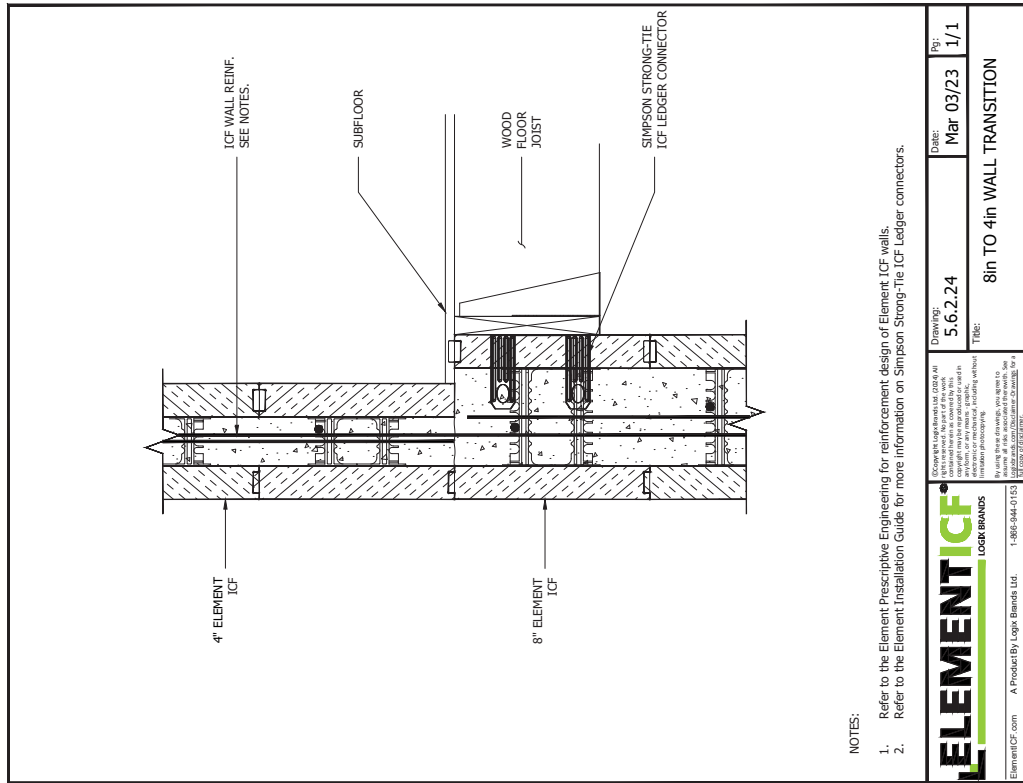
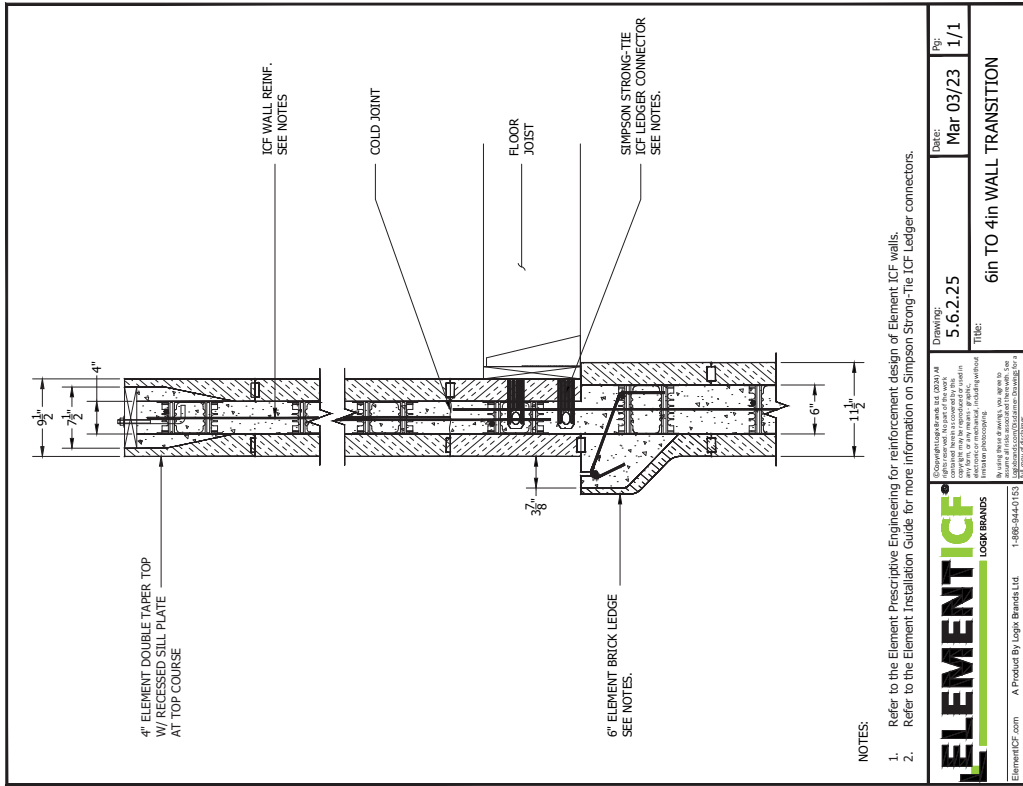
5.6 - WOOD JOISTS AT EXTERIOR



NOTES:
1. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

	DRAWING: 5.6.2.23 TITLE: 10in TO 6in WALL TRANSITION	DATE: Mar 03/23 REV: 1/1
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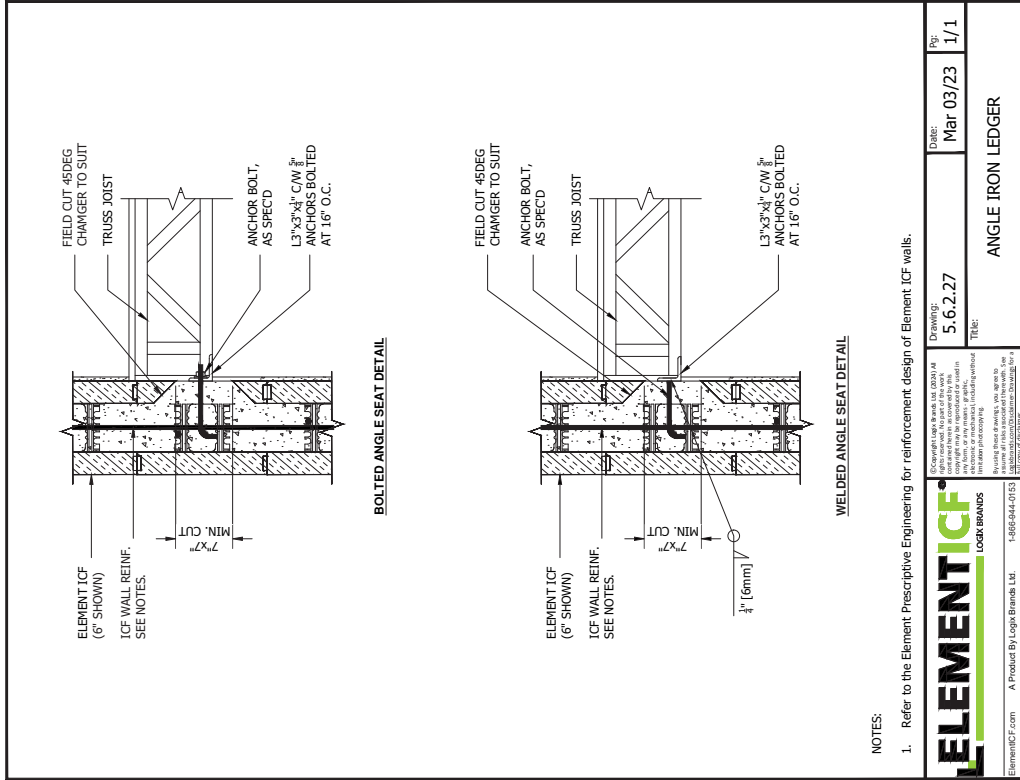
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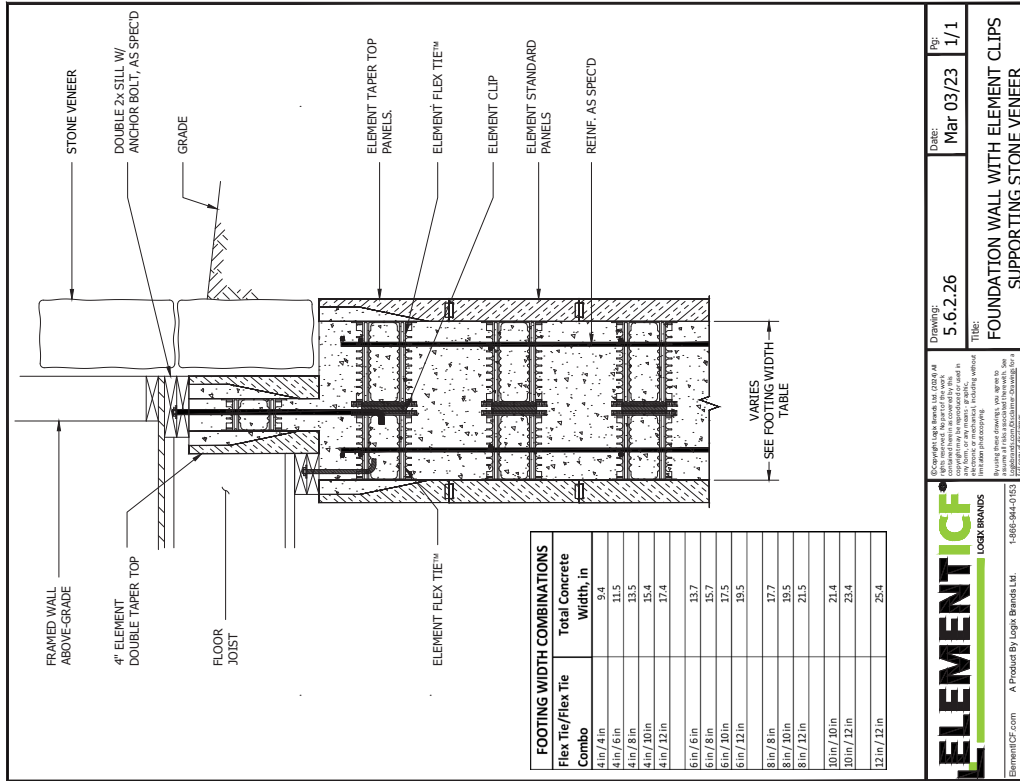
5.6 - WOOD JOISTS AT EXTERIOR



NOTES:

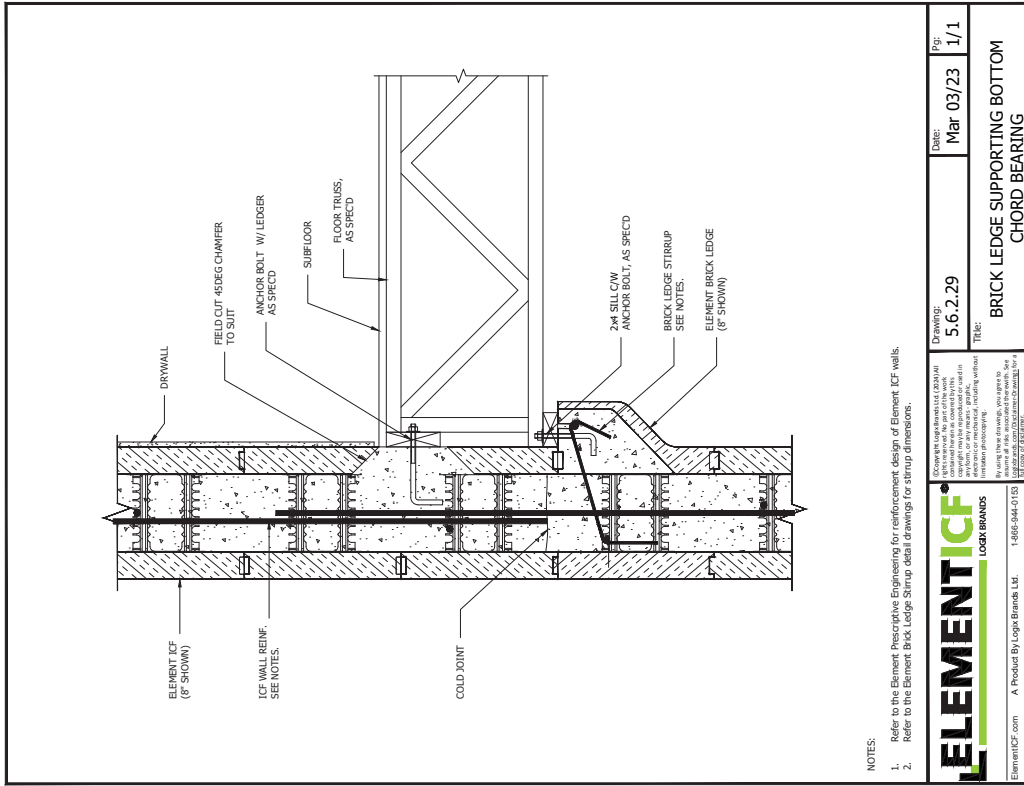
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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 Drawing: 5.6.2.27 Date: Mar 03/23 Pg: 1/1
 Title: ANGLE IRON LEDGER



FOOTING WIDTH COMBINATIONS	
Flex Tie/Flex Tie Combo	Total Concrete Width, in
4in/4in	9.4
4in/6in	11.5
4in/8in	13.5
4in/10in	15.4
4in/12in	17.4
6in/6in	13.7
6in/8in	15.7
6in/10in	17.5
6in/12in	19.5
8in/8in	17.7
8in/10in	19.5
8in/12in	21.5
10in/10in	21.4
10in/12in	23.4
12in/12in	25.4

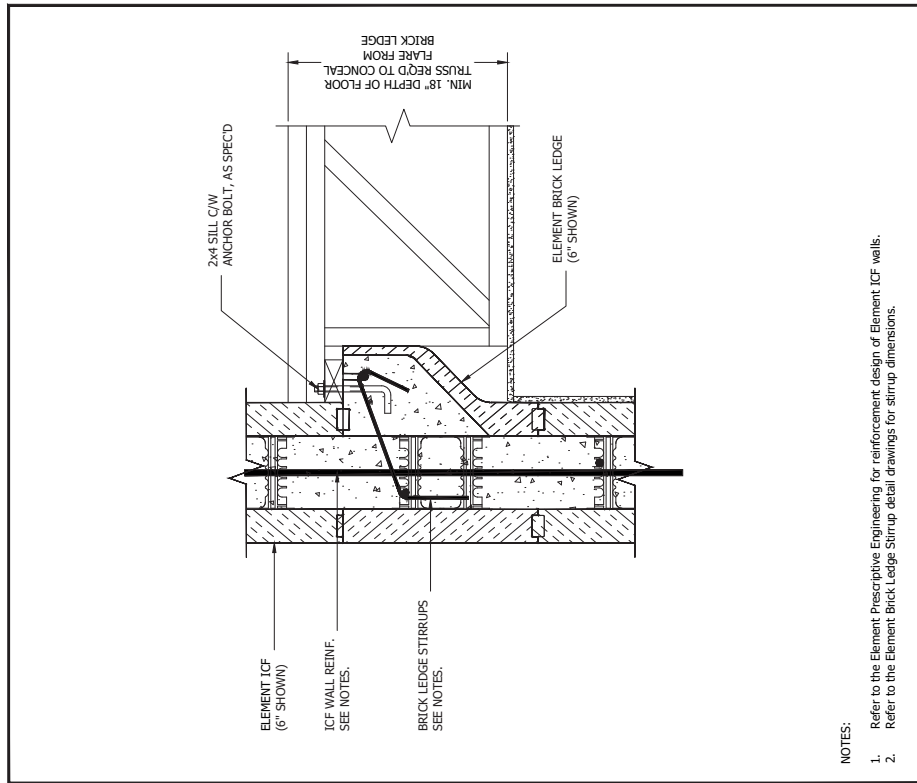
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 Drawing: 5.6.2.26 Date: Mar 03/23 Pg: 1/1
 Title: FOUNDATION WALL WITH ELEMENT CLIPS SUPPORTING STONE VENEER



NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Refer to the Element Brick Ledge Stripup detail drawings for stripup dimensions.

	Drawing: 5.6.2.29 Title: BRICK LEDGE SUPPORTING BOTTOM CHORD BEARING	Date: Mar-03/23 Page: 1/1
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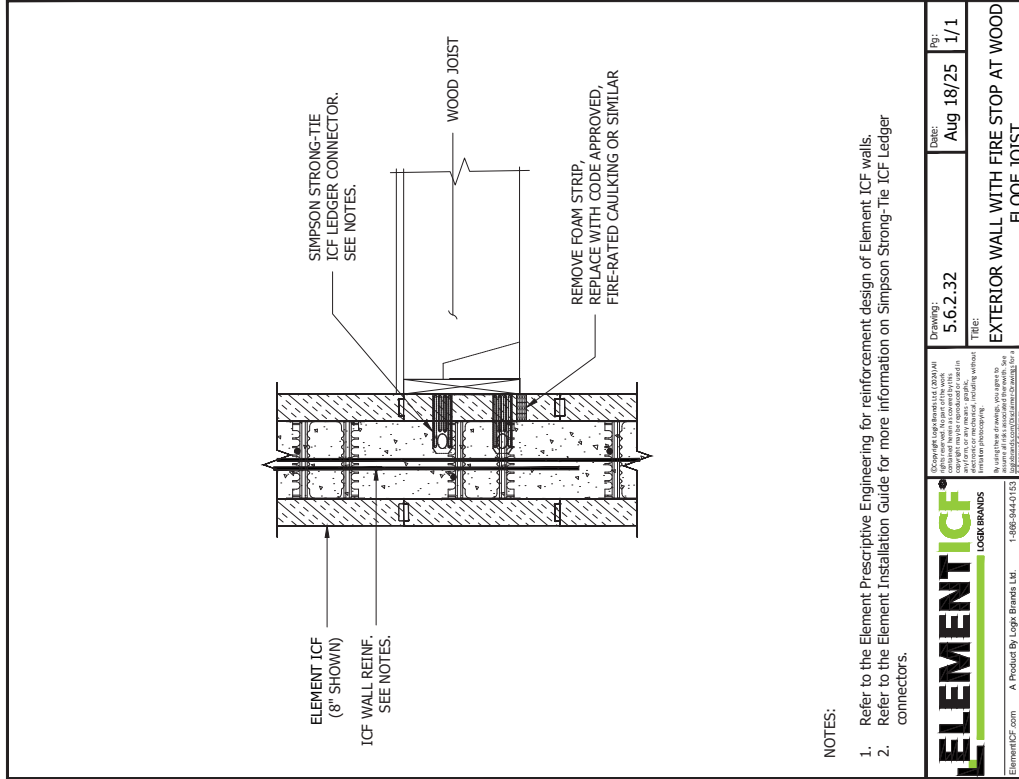
NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. Refer to the Element Brick Ledge Stripup detail drawings for stripup dimensions.

	Drawing: 5.6.2.28 Title: BRICK LEDGE SUPPORTING TOP CHORD BEARING	Date: Mar-03/23 Page: 1/1
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5.6 - WOOD JOISTS AT EXTERIOR

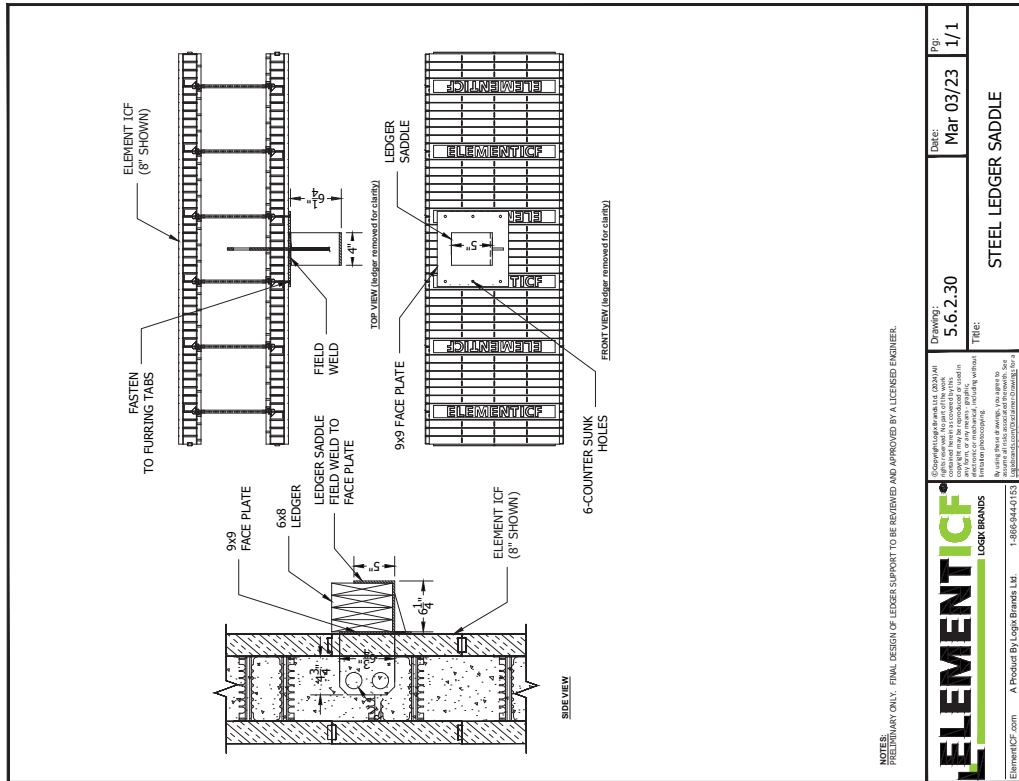
5.6 - WOOD JOISTS AT EXTERIOR



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

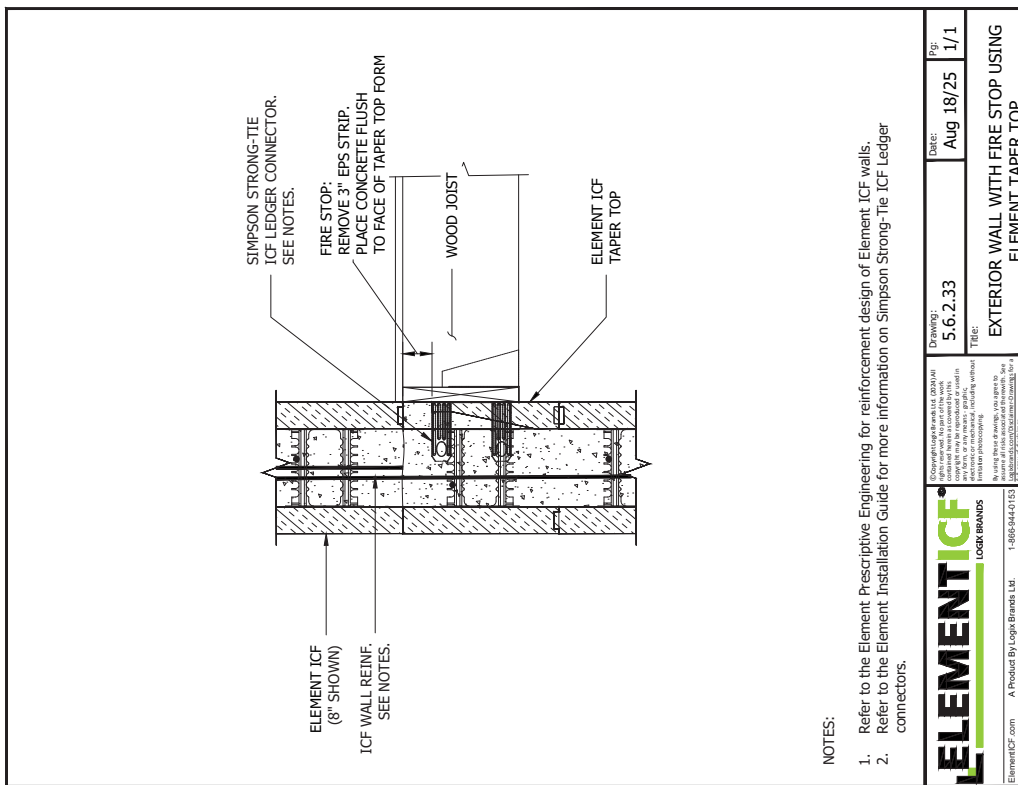
	Drawing: 5.6.2.32 Title: EXTERIOR WALL WITH FIRE STOP AT WOOD FLOOR JOIST	Date: Aug 18/25 Page: 1/1
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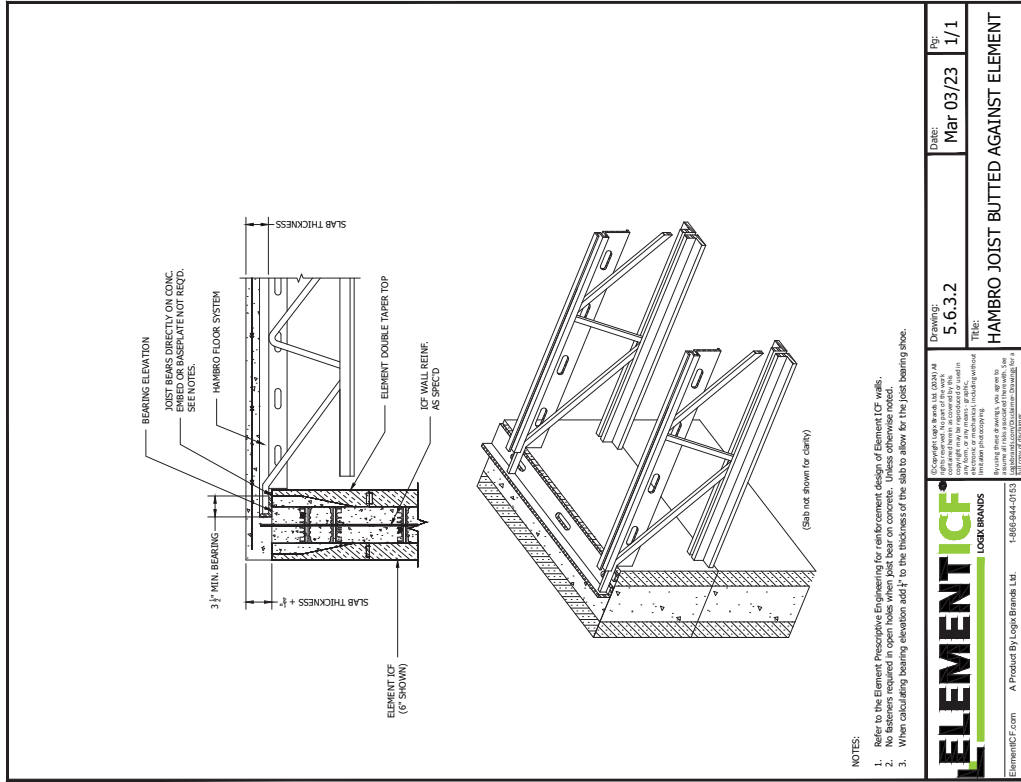
NOTES:
 PRELIMINARY ONLY - FINAL DESIGN OF LEDGER SUPPORT TO BE REVIEWED AND APPROVED BY A LICENSED ENGINEER.

	Drawing: 5.6.2.30 Title: STEEL LEDGER SADDLE	Date: Mar 03/23 Page: 1/1
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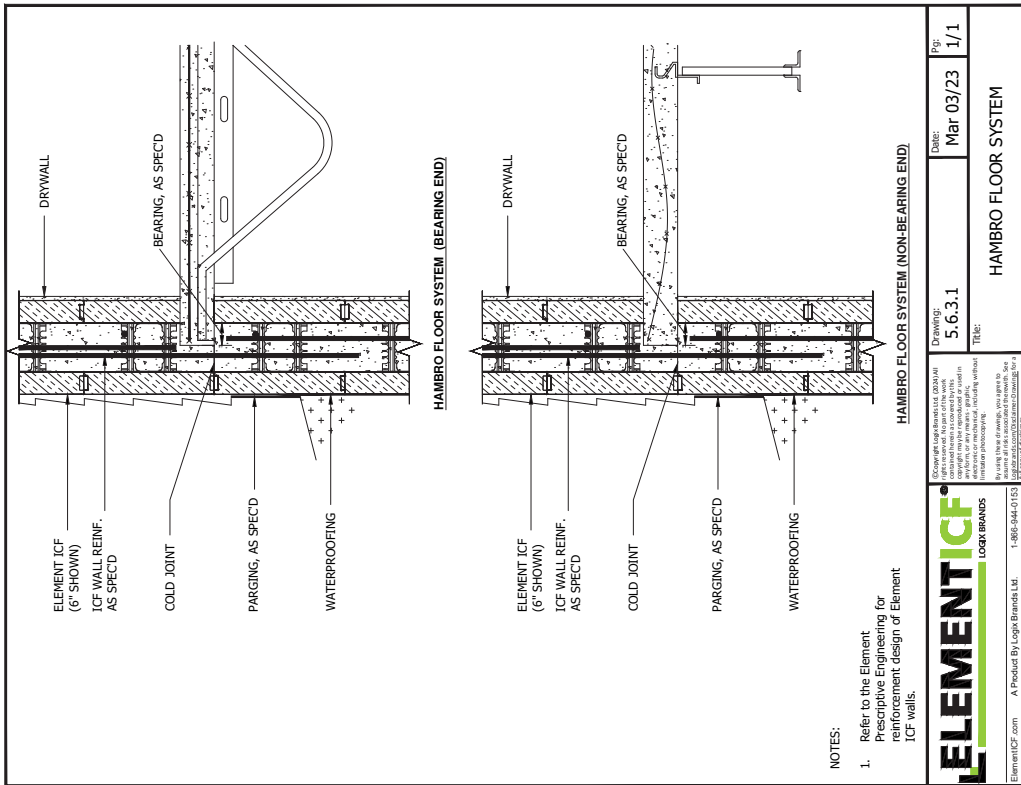


5.6 - STEEL JOISTS AT EXTERIOR



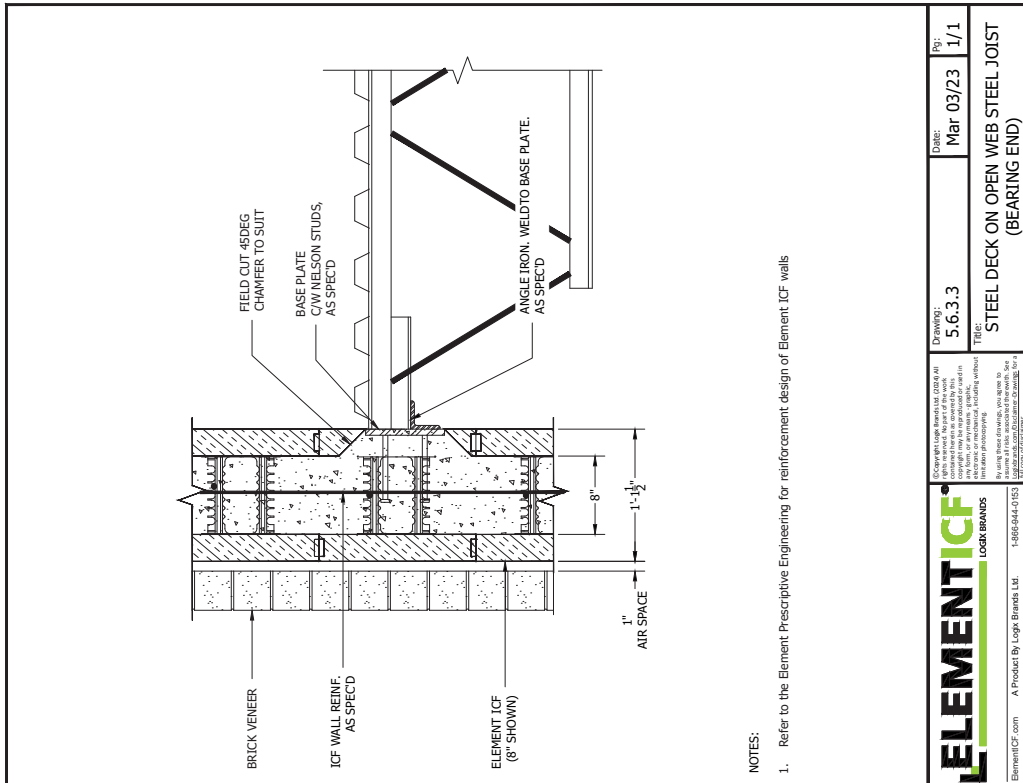
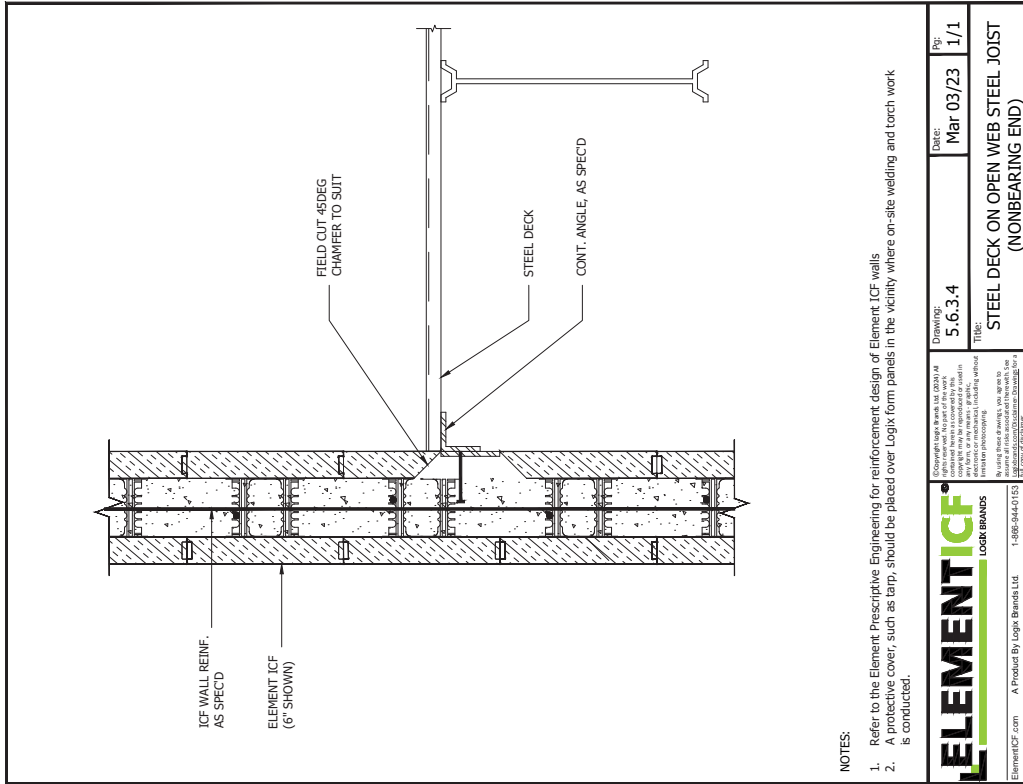
NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
 2. No fasteners required in open holes when joist bear on concrete. Unless otherwise noted.
 3. When calculating bearing elevation add t to the thickness of the slab to allow for the joist bearing shoe.

	Drawing: 5.6.3.2 Title: HAMBRO JOIST BUTTED AGAINST ELEMENT	Date: Mar 03/23 Pg: 1/1
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NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.6.3.1 Title: HAMBRO FLOOR SYSTEM	Date: Mar 03/23 Pg: 1/1
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NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls
 2. A protective cover, such as tarp, should be placed over Logix form panels in the vicinity where on-site welding and torch work is conducted.

	Drawing: 5.6.3.4 Title: STEEL DECK ON OPEN WEB STEEL JOIST (NON-BEARING END)	Date: Mar 03/23 Pg: 1/1
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5.6 - STEEL JOISTS AT EXTERIOR

NOTES:

- See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
- A protective cover, such as tarp, should be placed over Logix form panels in the vicinity where on-site welding and torch work is conducted.

NOTES:

- See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
- A protective cover, such as tarp, should be placed over Logix form panels in the vicinity where on-site welding and torch work is conducted.

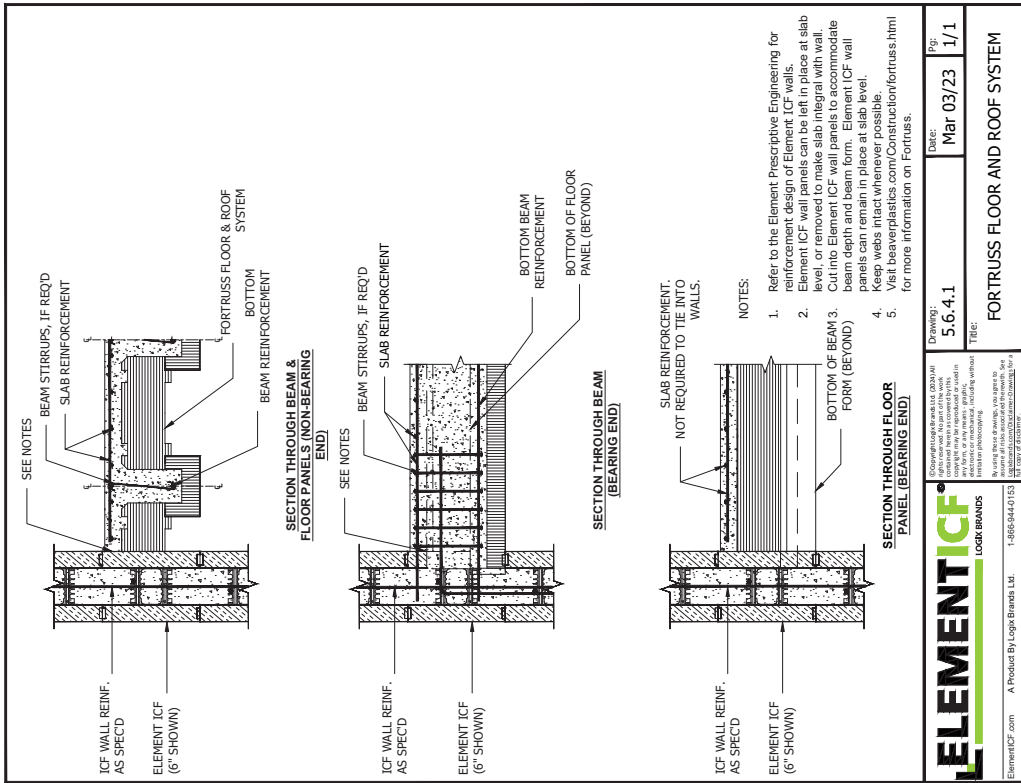
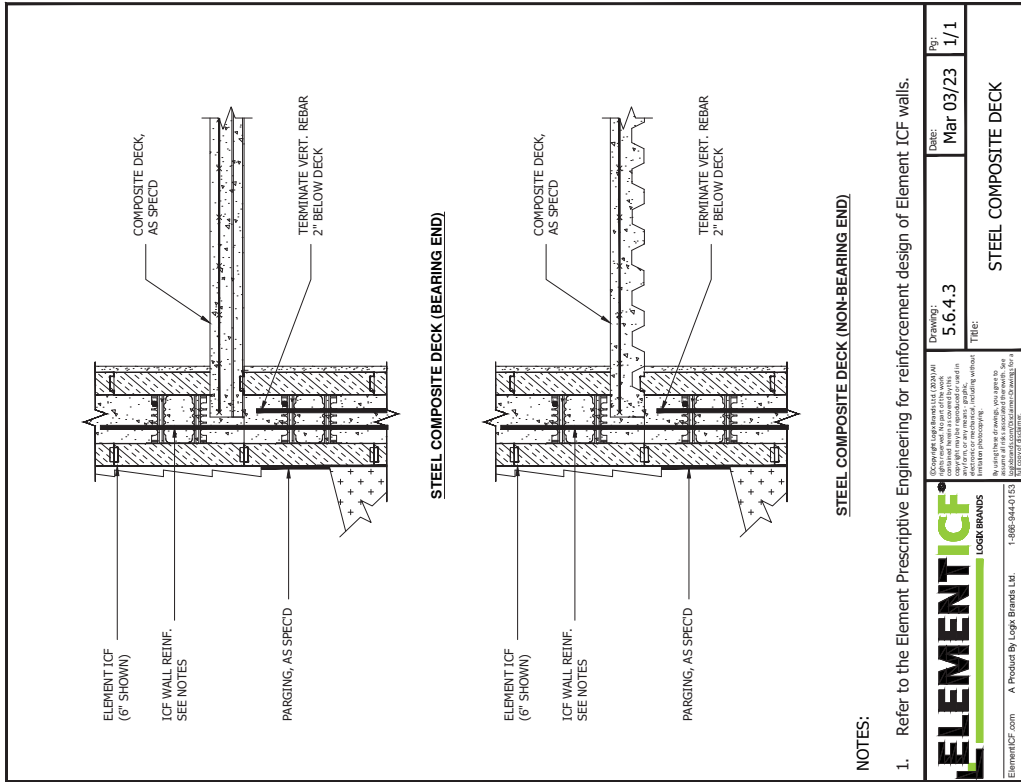
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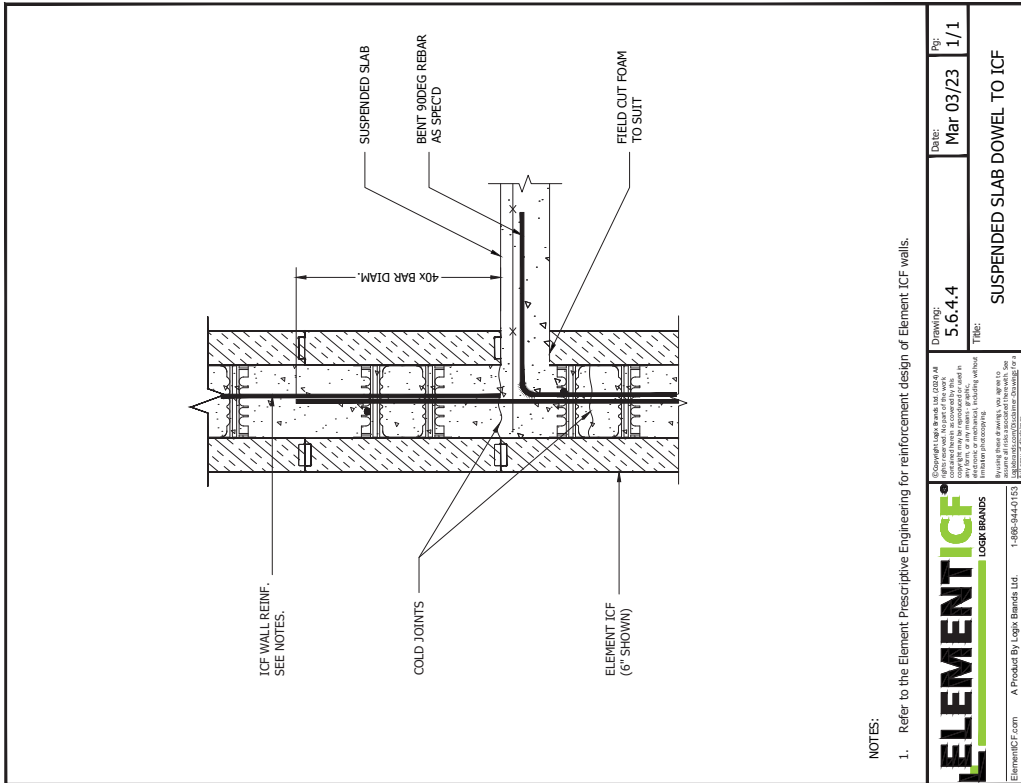
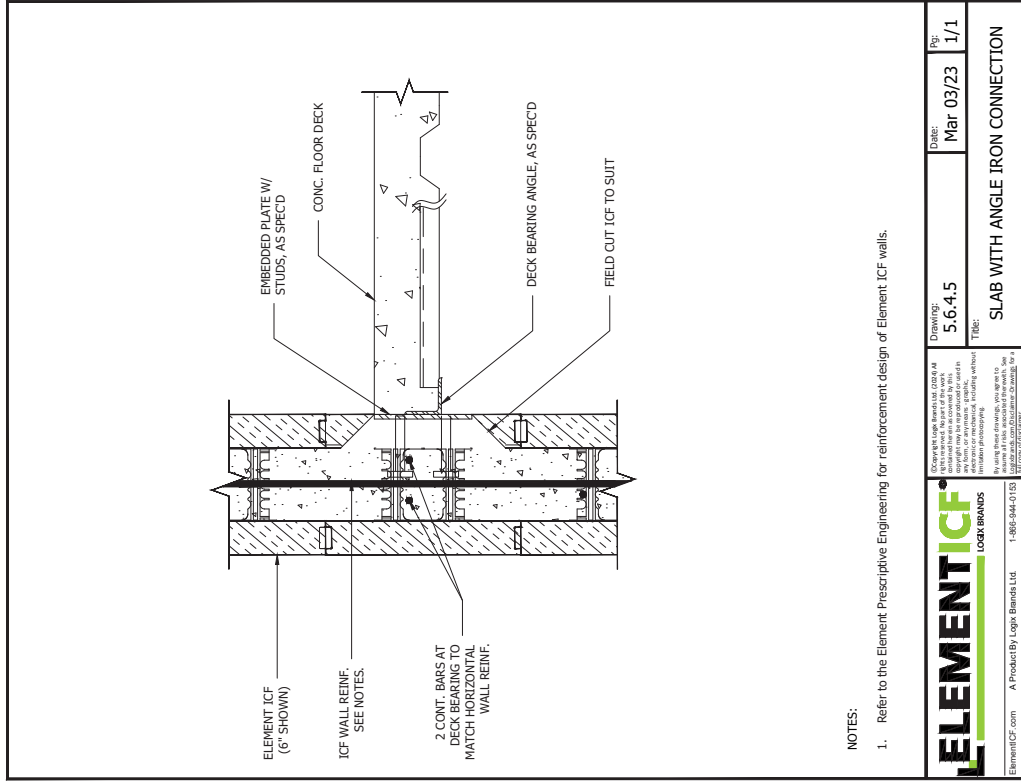
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5.6 - CAST-IN-PLACE AT EXTERIOR

5.6 - CAST-IN-PLACE AT EXTERIOR

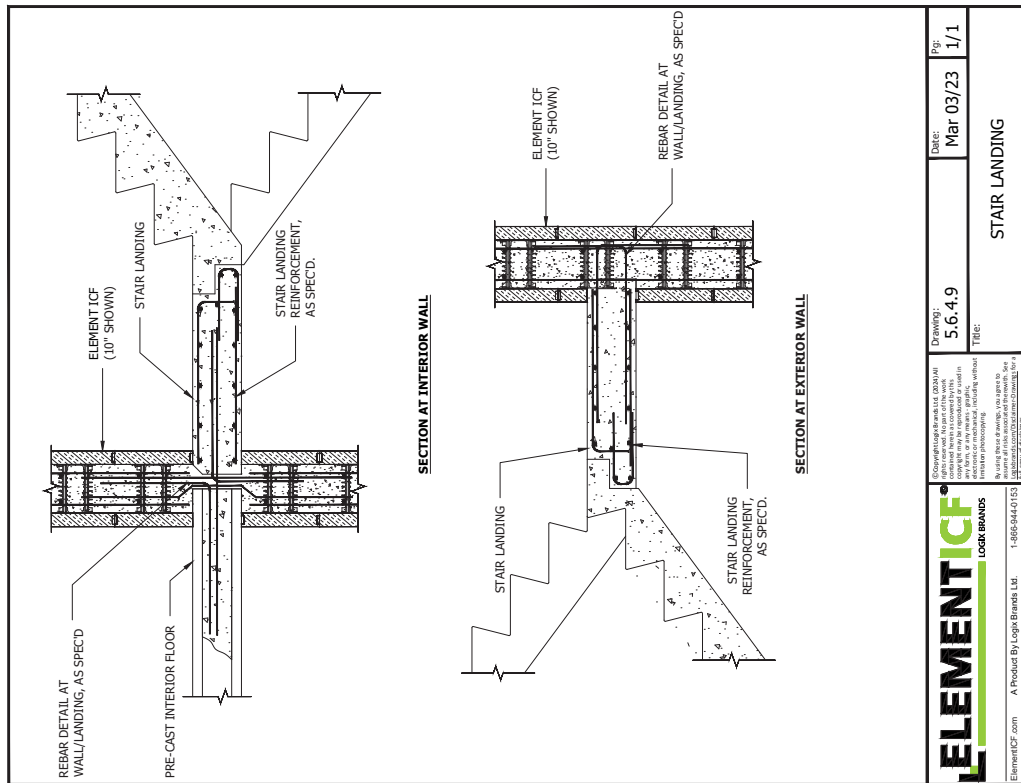


NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.6.4.5 Title: SLAB WITH ANGLE IRON CONNECTION	Date: Mar 03/23 Rev: 1/1
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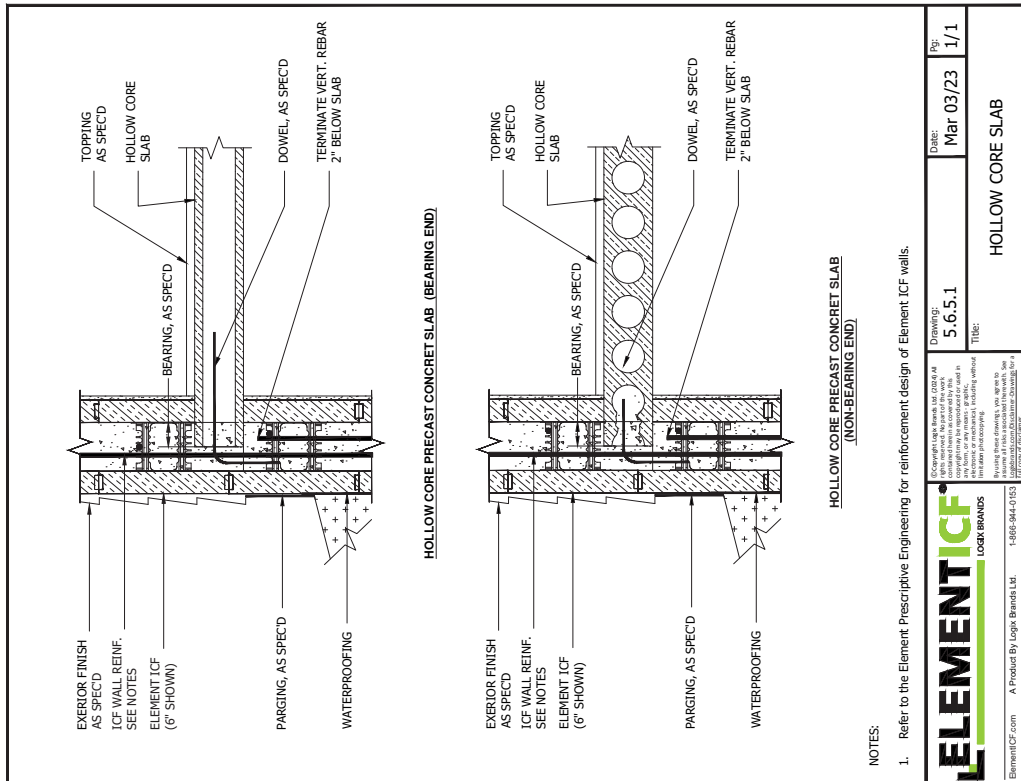
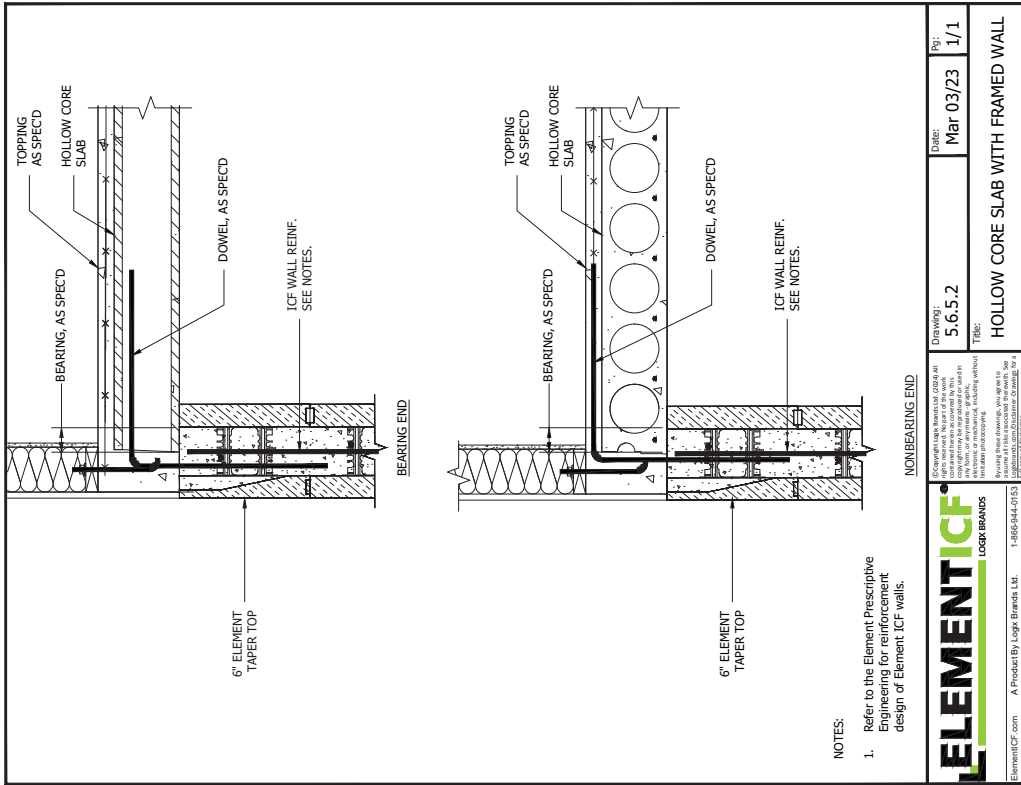
	Drawing: 5.6.4.4 Title: SUSPENDED SLAB DOWEL TO ICF	Date: Mar 03/23 Rev: 1/1
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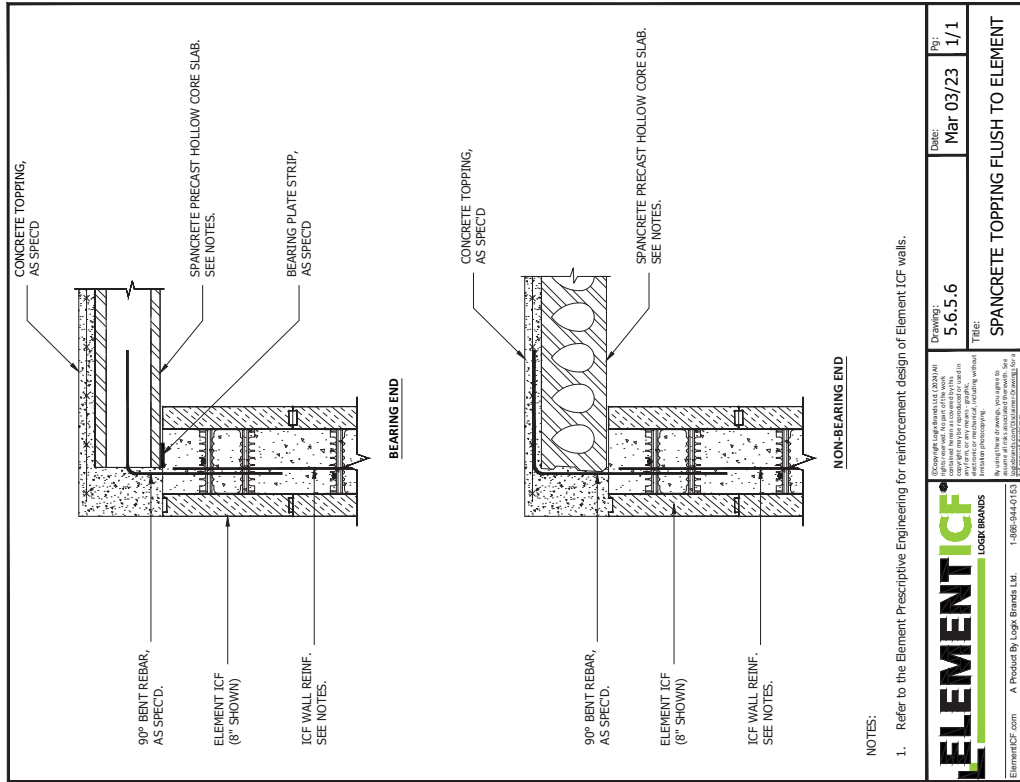


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5.6 - CAST-IN-PLACE AT EXTERIOR

5.6 - PRECAST SLABS AT EXTERIOR



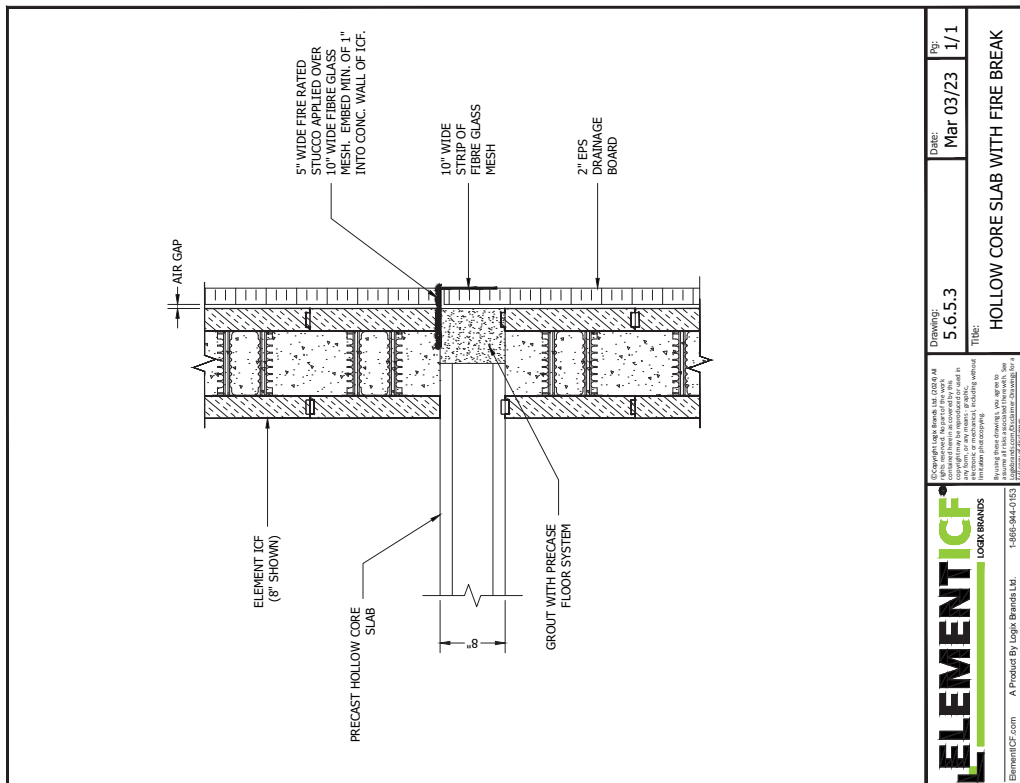


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.6.5.6 Title: SPANCRETE TOPPING FLUSH TO ELEMENT	Date: Mar 03/23 Pg: 1/1
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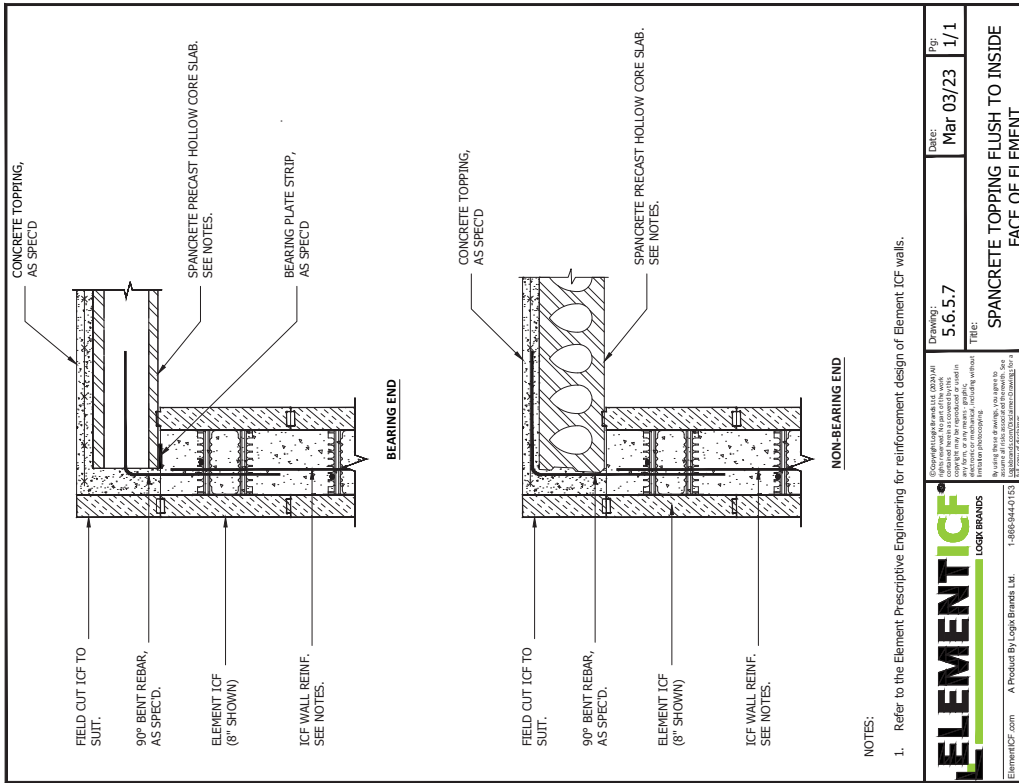
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	Drawing: 5.6.5.3 Title: HOLLOW CORE SLAB WITH FIRE BREAK	Date: Mar 03/23 Pg: 1/1
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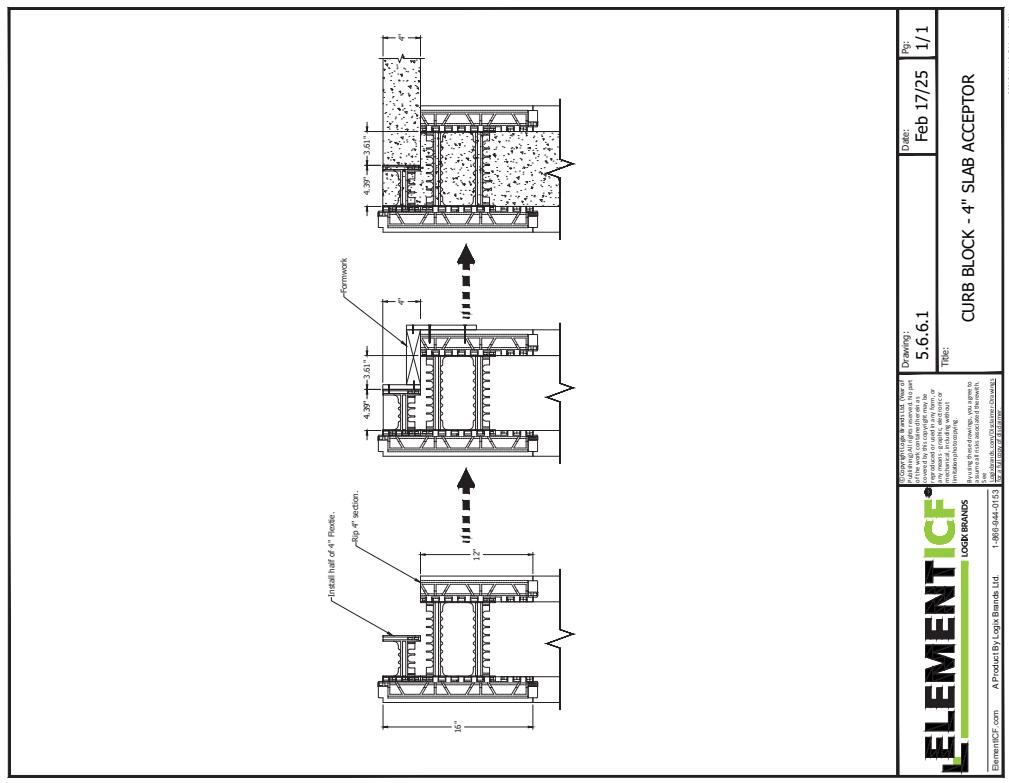
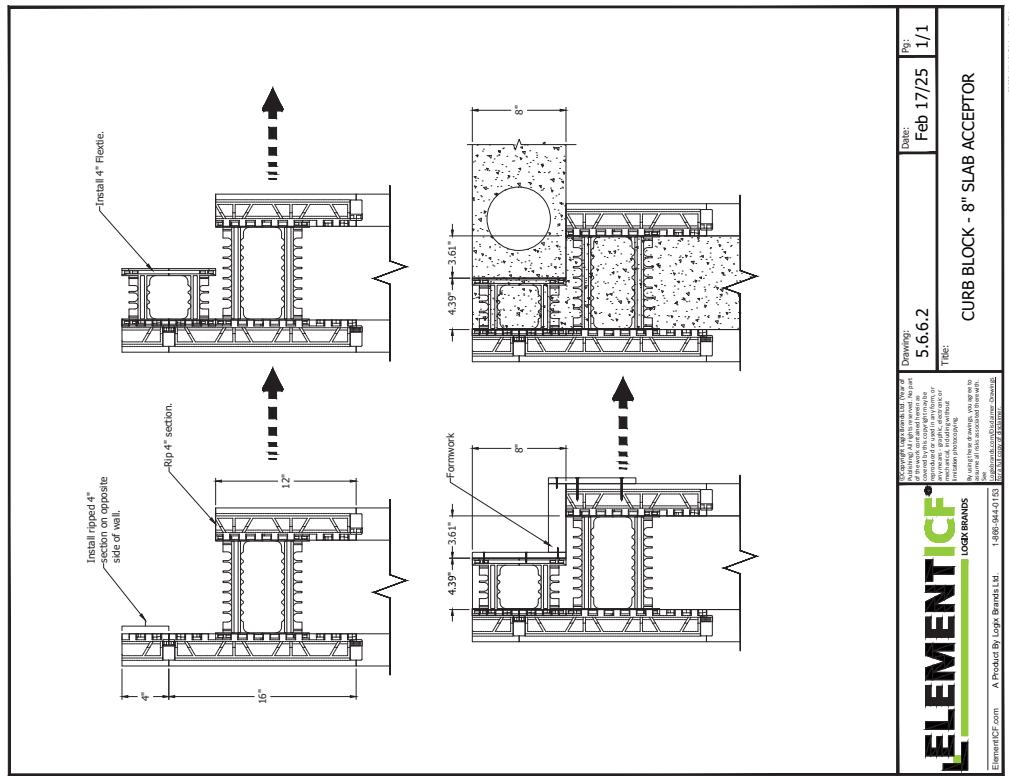
5.6 - PRECAST SLABS AT EXTERIOR



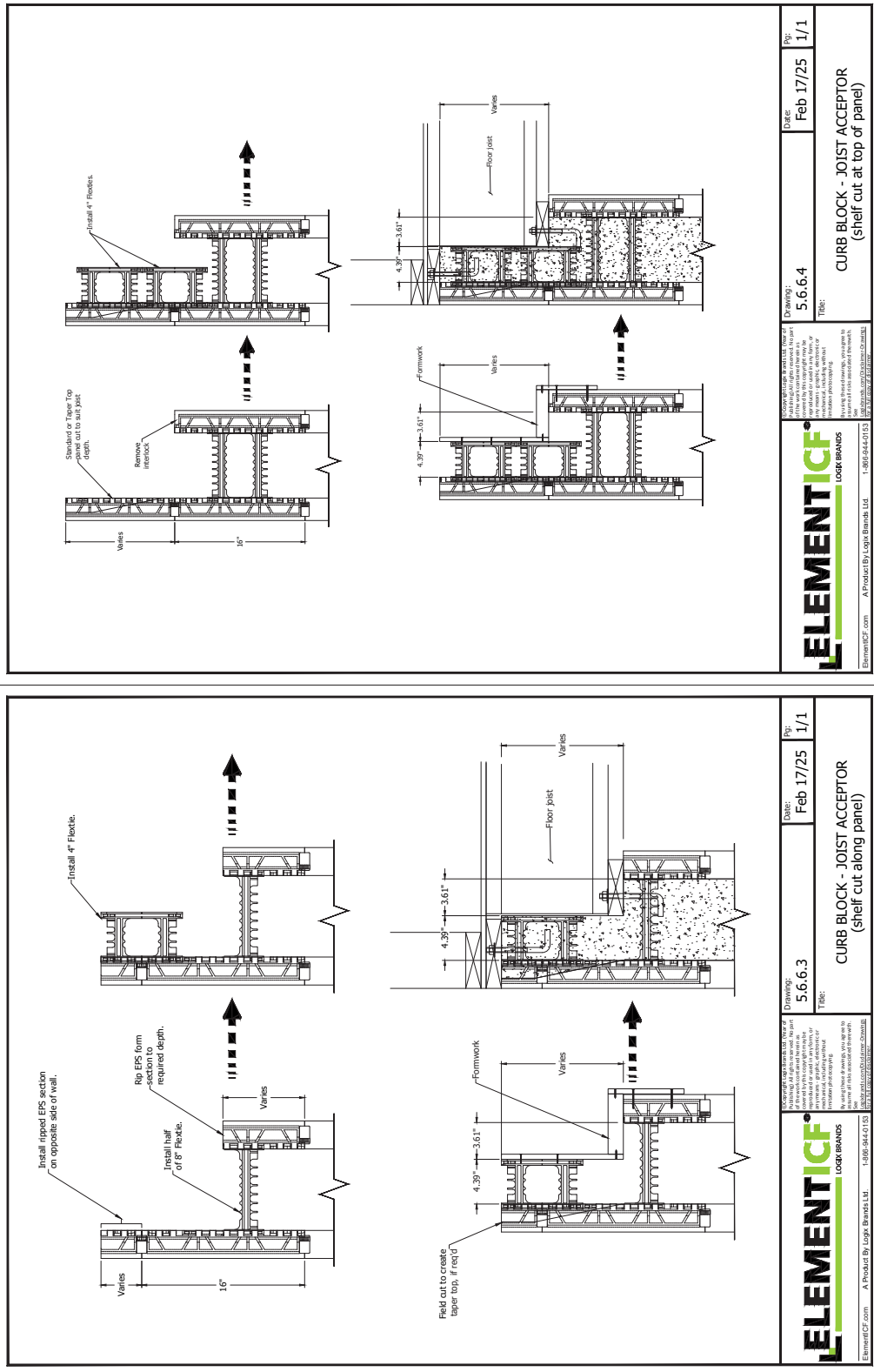
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.6.5.7 Title: SPANCRETE TOPPING FLUSH TO INSIDE FACE OF ELEMENT	Date: Mar 03/23	Page: 1/1
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5.6 - CURB DETAILS



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Drawing: 5.6.6.4

Date: Feb 17/25

Fig: 1/1

TITLE: CURB BLOCK - JOIST ACCEPTOR (shelf cut at top of panel)

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Drawing: 5.6.6.3

Date: Feb 17/25

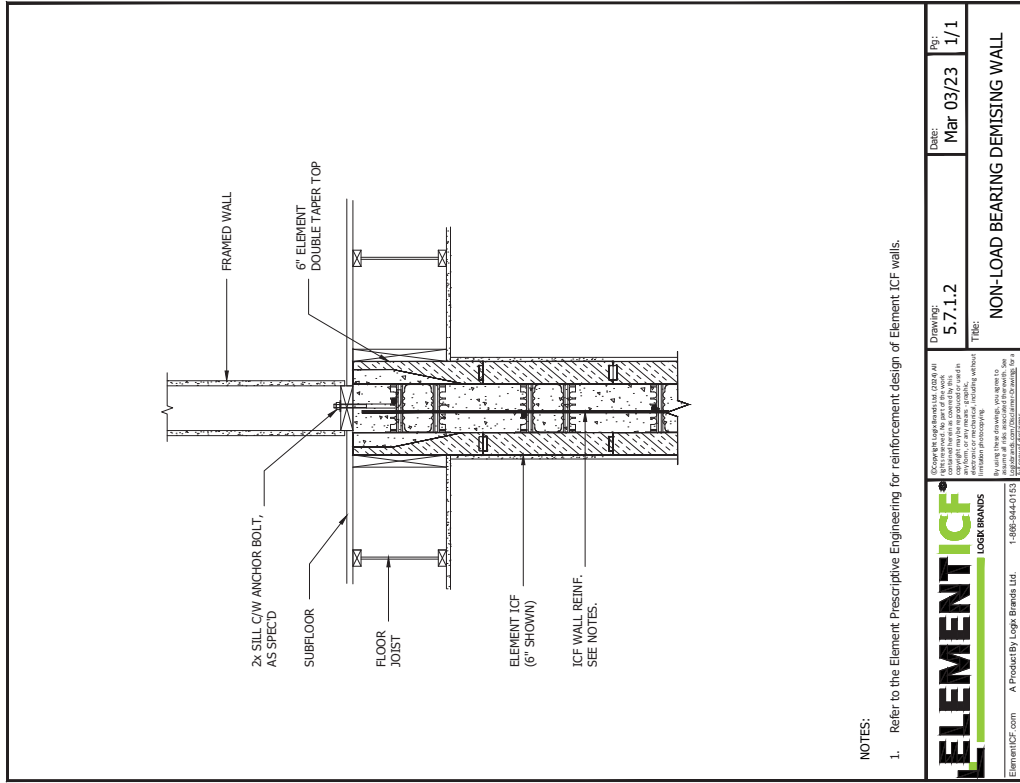
Fig: 1/1

TITLE: CURB BLOCK - JOIST ACCEPTOR (shelf cut along panel)

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5.7 - FLOOR CONNECTIONS AT INTERIOR WALL



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

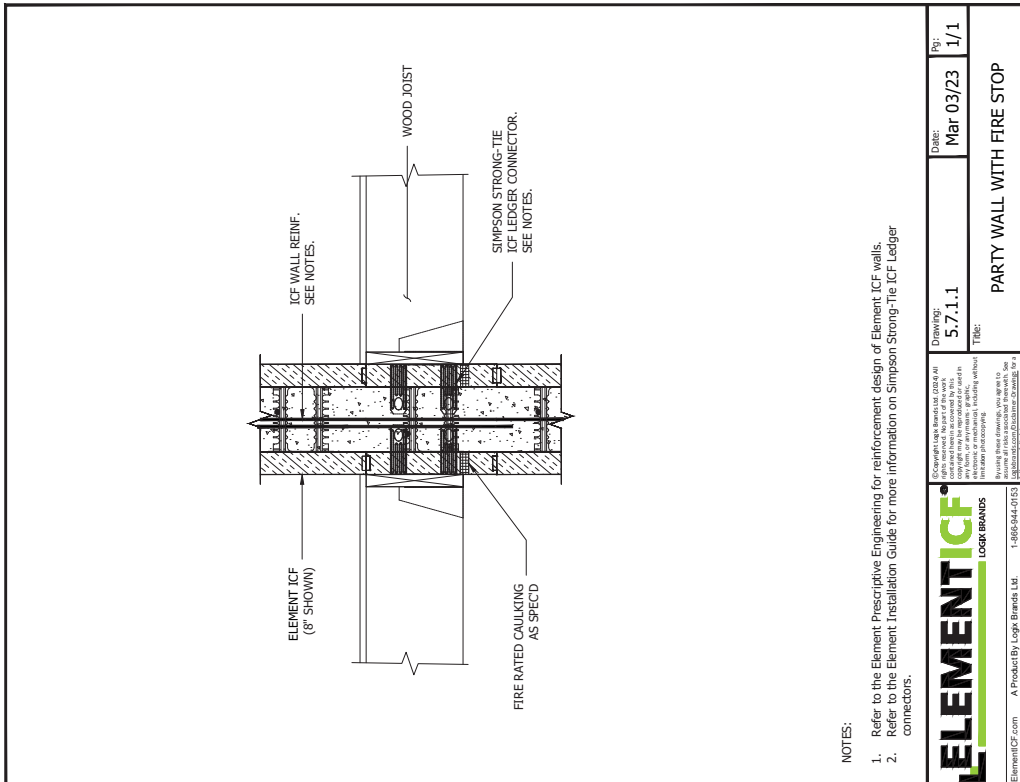
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Drawing: 5.7.1.2
Date: Mar 03/23
Page: 1/1
Title: NON-LOAD BEARING DEMISING WALL



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

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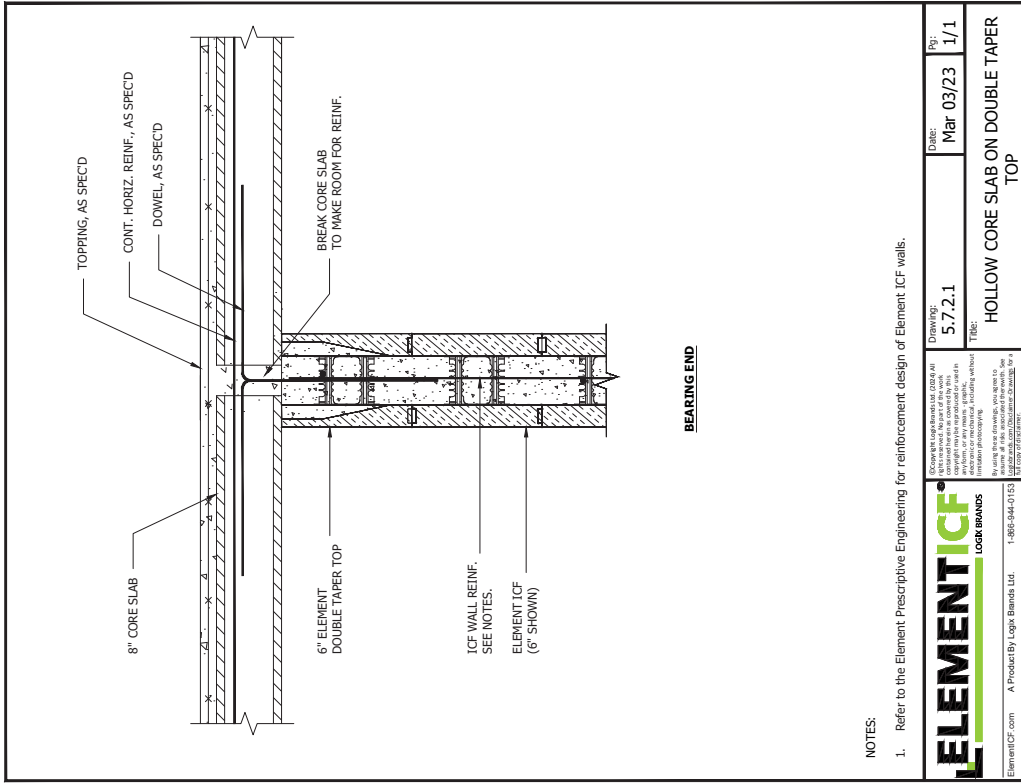
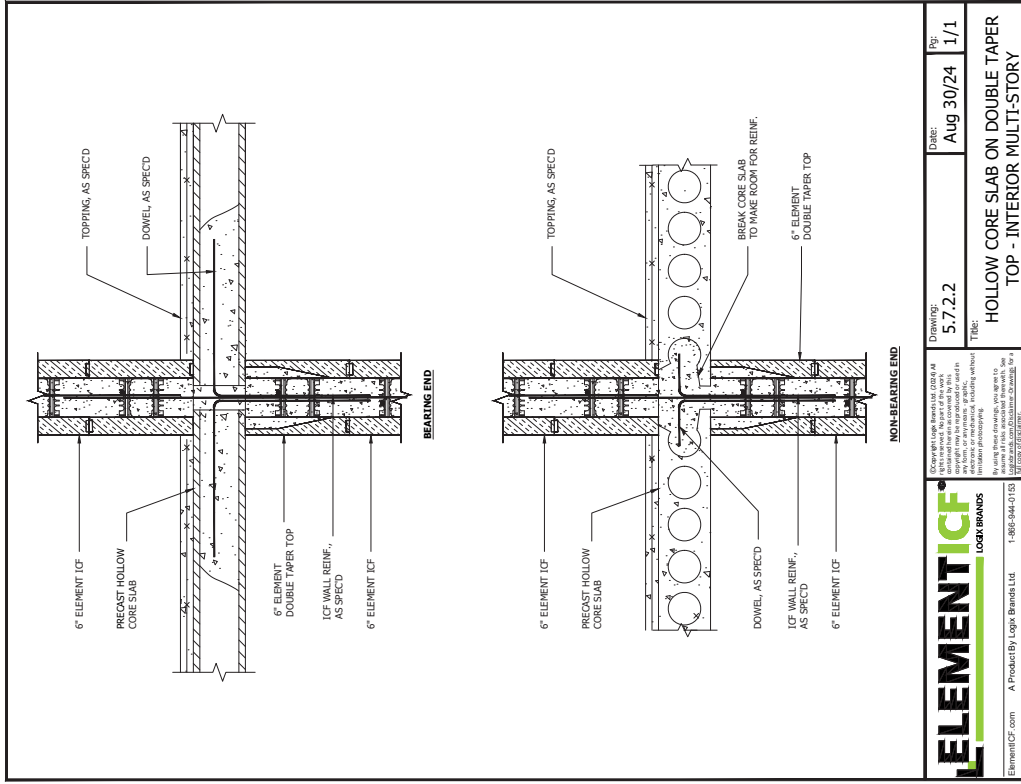
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Drawing: 5.7.1.1
Date: Mar 03/23
Page: 1/1
Title: PARTY WALL WITH FIRE STOP

5.7 - PRECAST SLABS AT INTERIOR



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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Drawing: 5.7.2.1 Date: Mar 03/23 Pp: 1/1

TITLE: HOLLOW CORE SLAB ON DOUBLE TAPER TOP

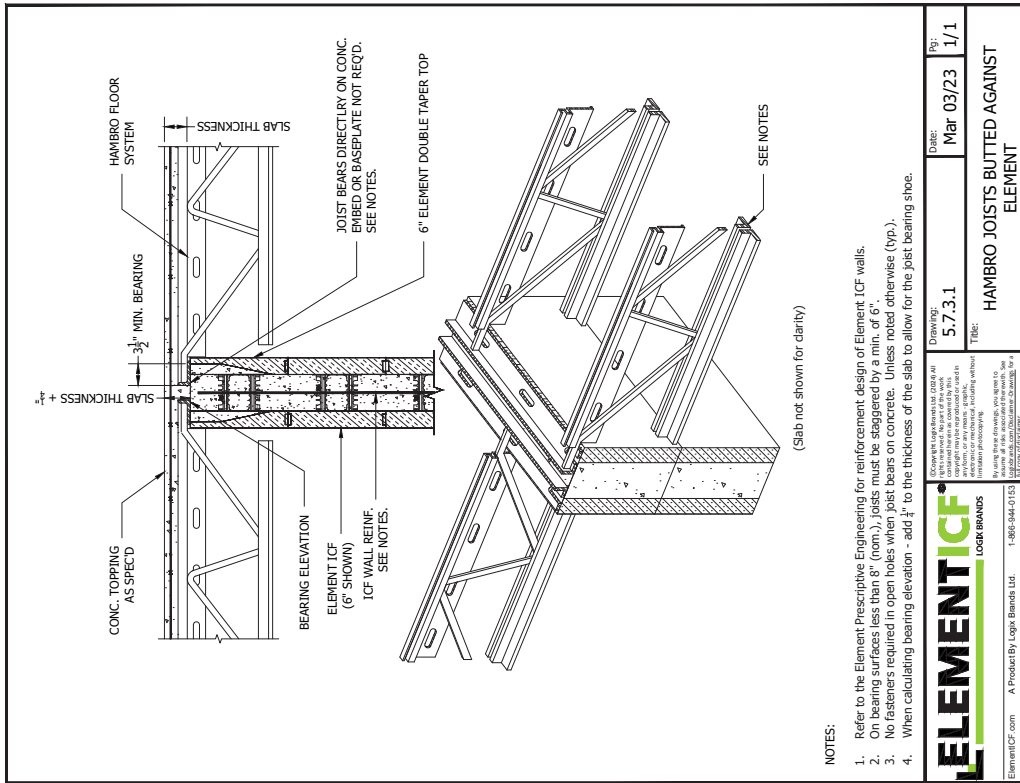
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Drawing: 5.7.2.2 Date: Aug 30/24 Pp: 1/1

TITLE: HOLLOW CORE SLAB ON DOUBLE TAPER TOP - INTERIOR MULTI-STORY



NOTES:

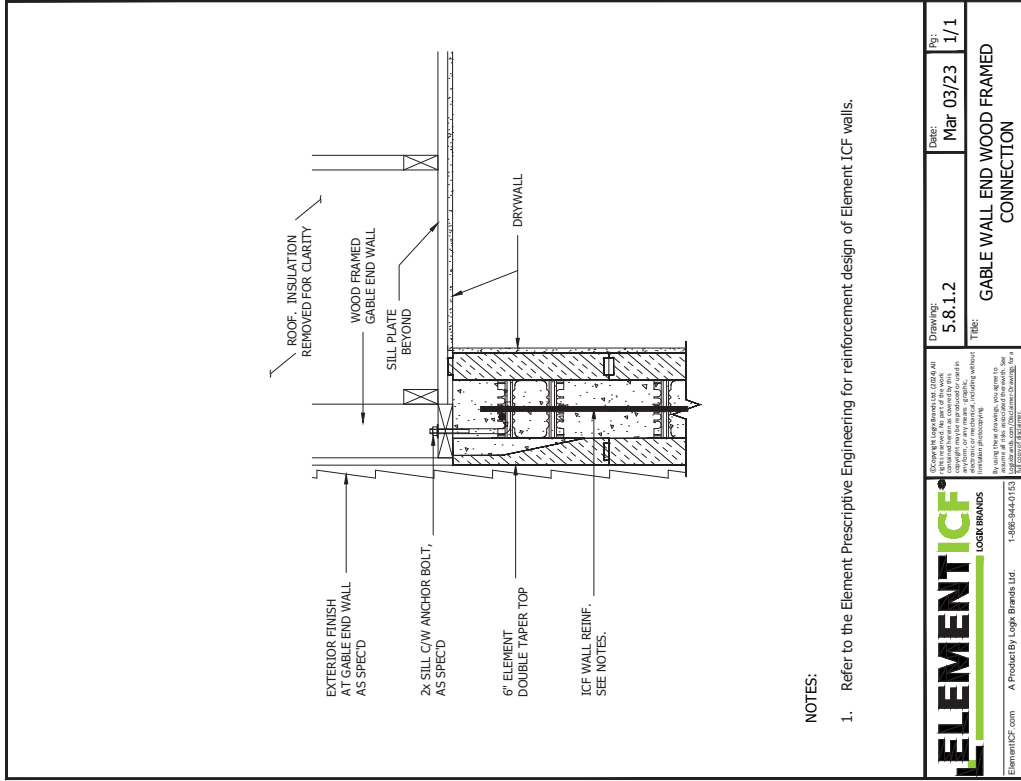
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. On bearing surfaces less than 8" (nom.), joists must be staggered by a min. of 6".
3. No fasteners required in open holes when joist bears on concrete. Unless noted otherwise (typ.).
4. When calculating bearing elevation - add 1/4" to the thickness of the slab to allow for the joist bearing shoe.

(Slab not shown for clarity)

	Drawing: 5.7.3.1 Title: HAMBRO JOISTS BUTTED AGAINST ELEMENT	Date: Mar 03/23 By: 1/1
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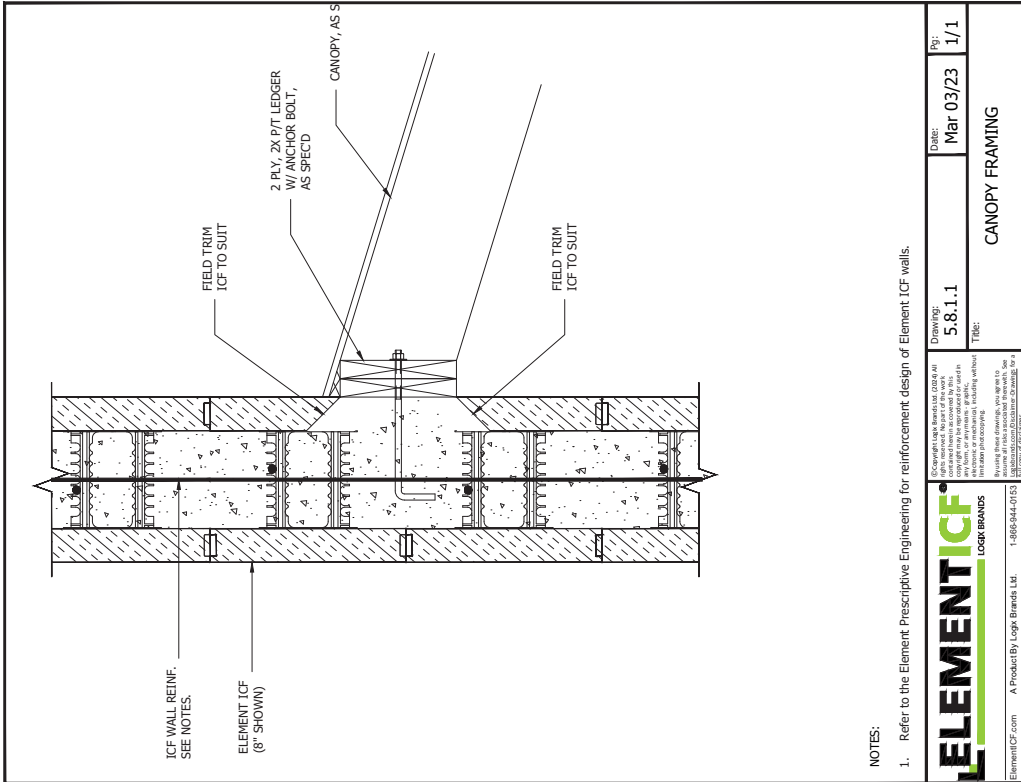
5.8 - ROOF & PARAPETS AT EXTERIOR WALL



NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.1.2 Title: GABLE WALL END WOOD FRAMED CONNECTION	Date: Mar 03/23	Rev: 1/1
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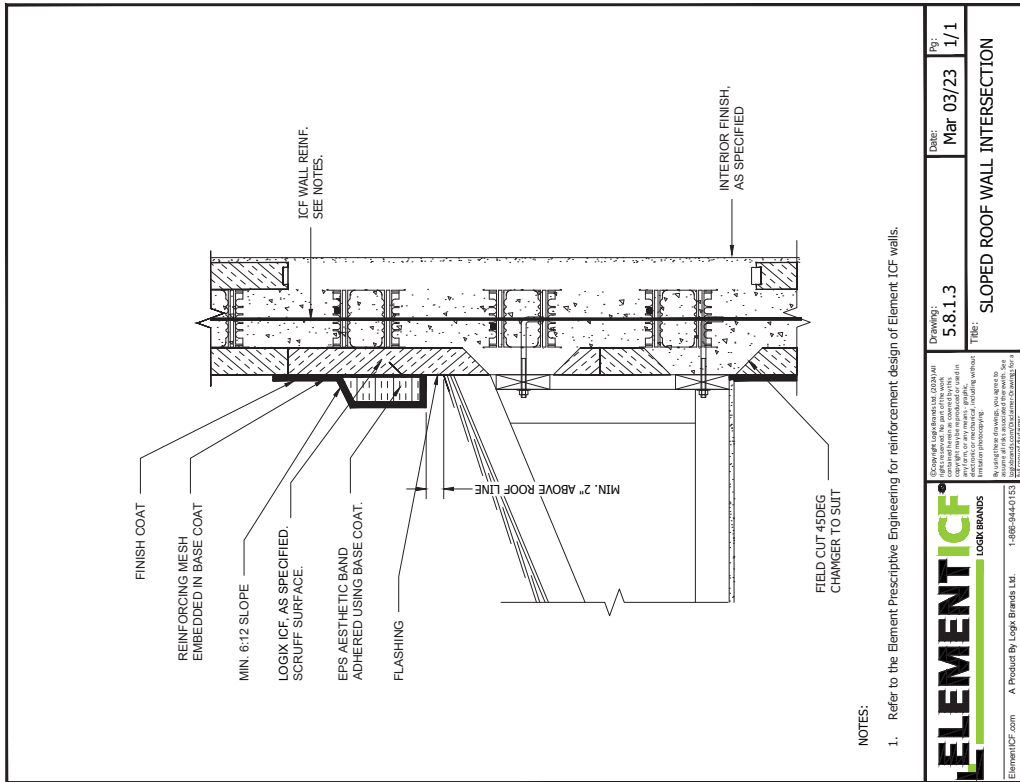
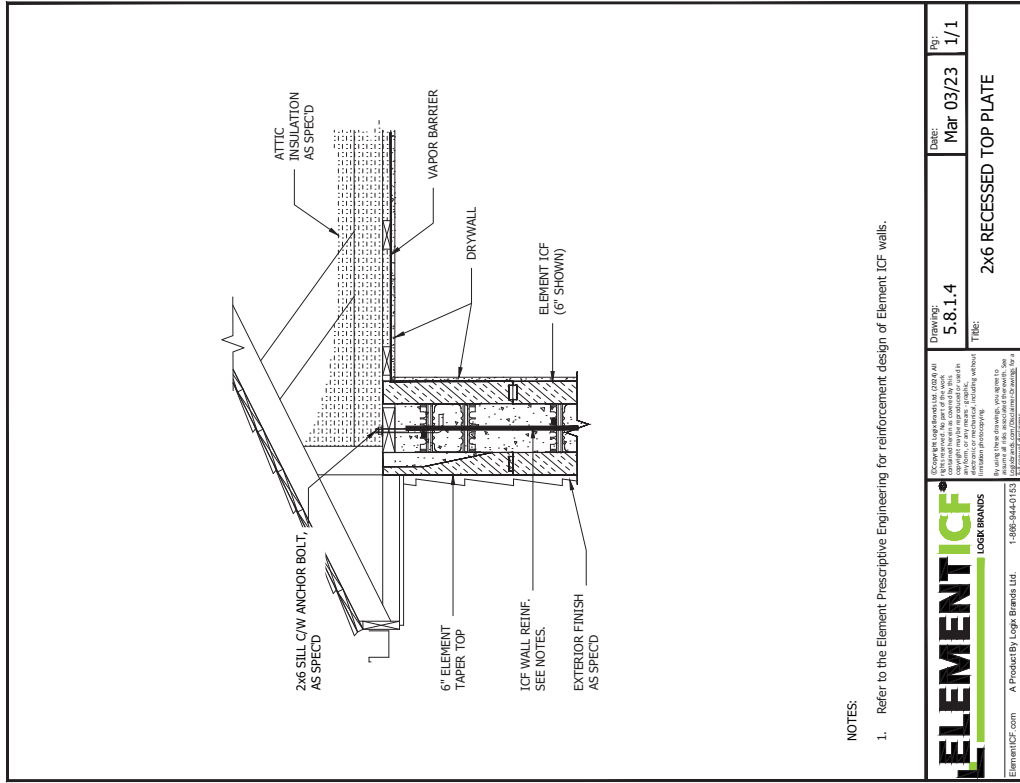
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NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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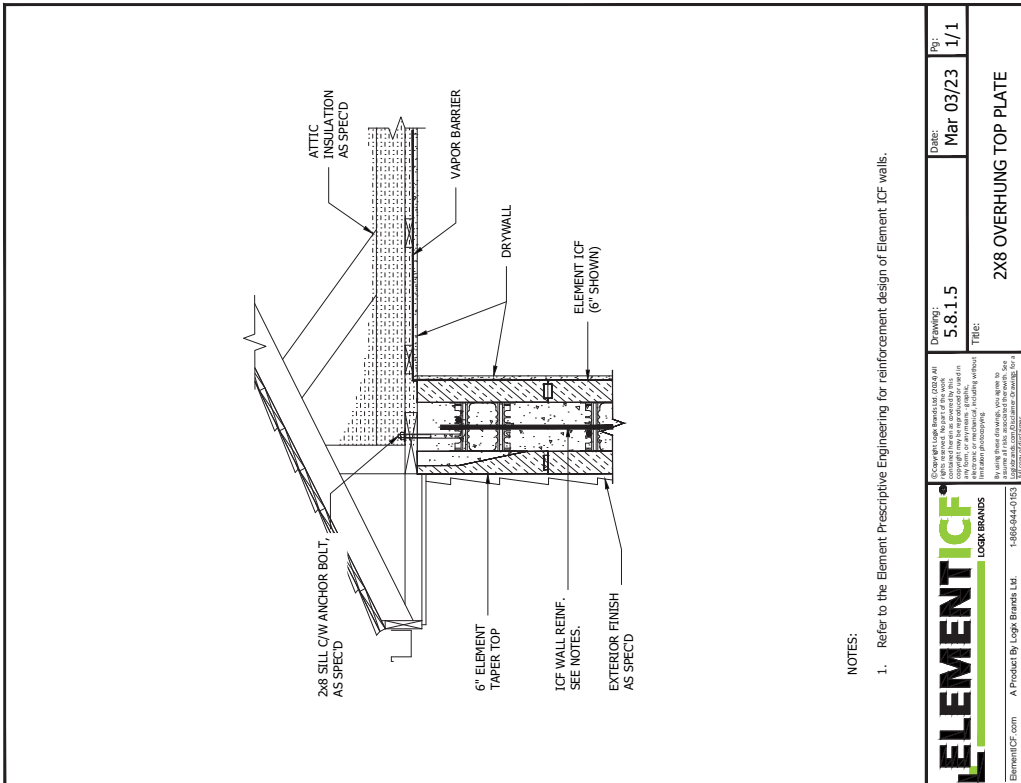
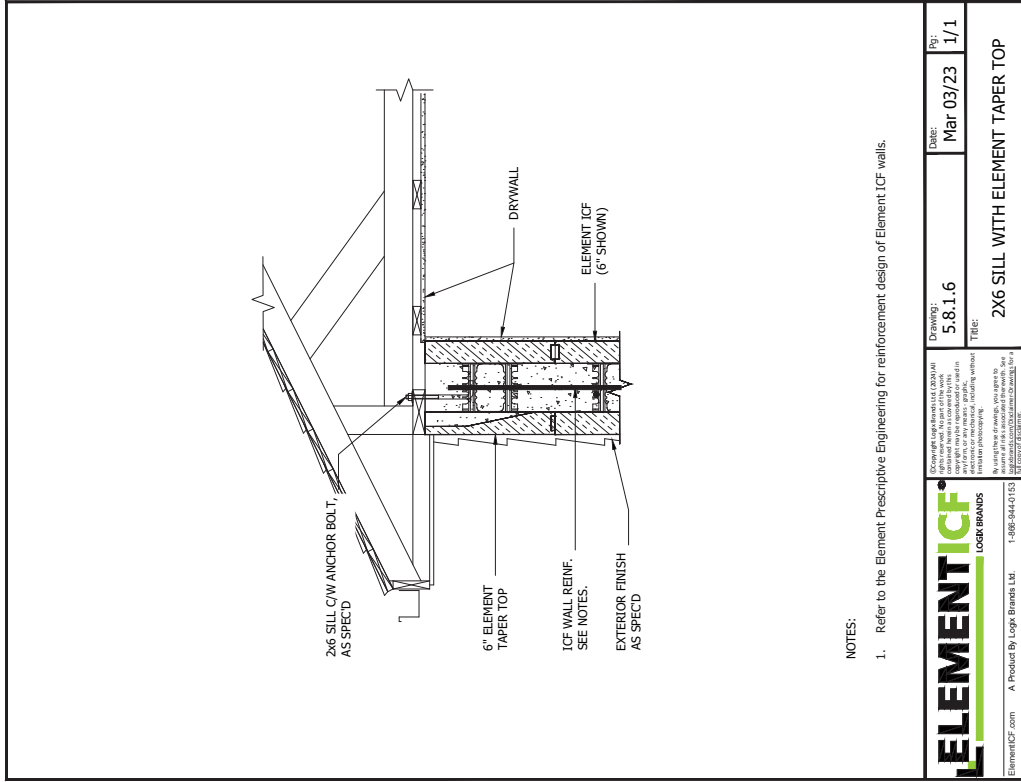
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	Drawing: 5.8.1.4 Title: 2x6 RECESSED TOP PLATE	Date: Mar 03/23 Pg: 1/1
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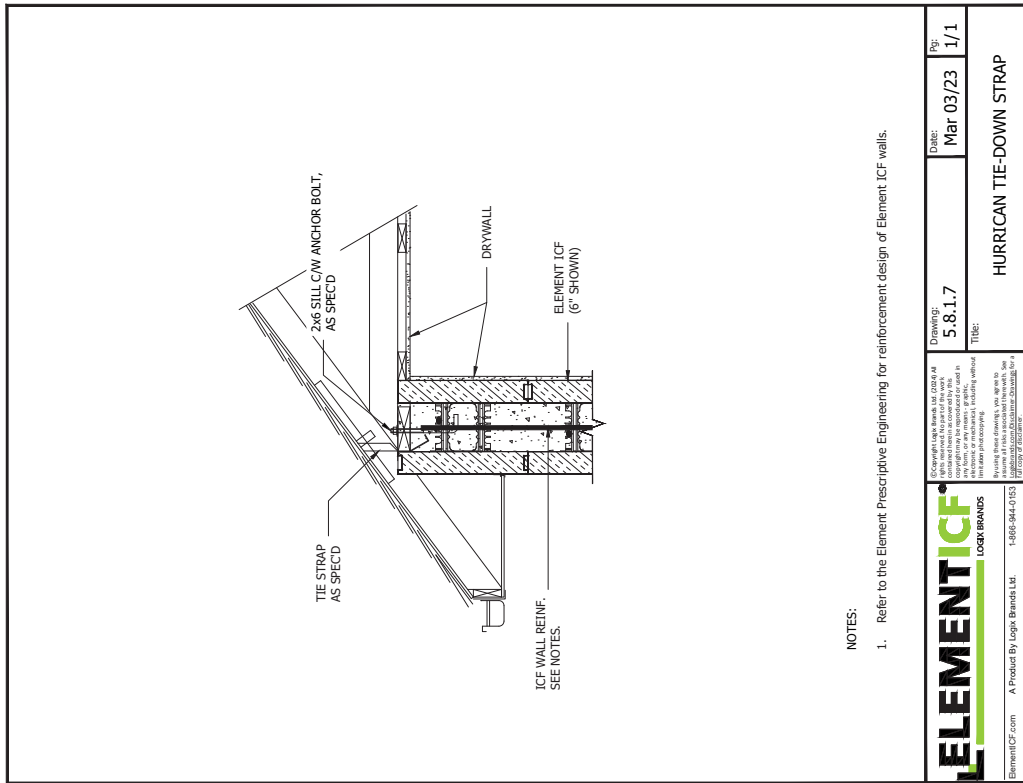
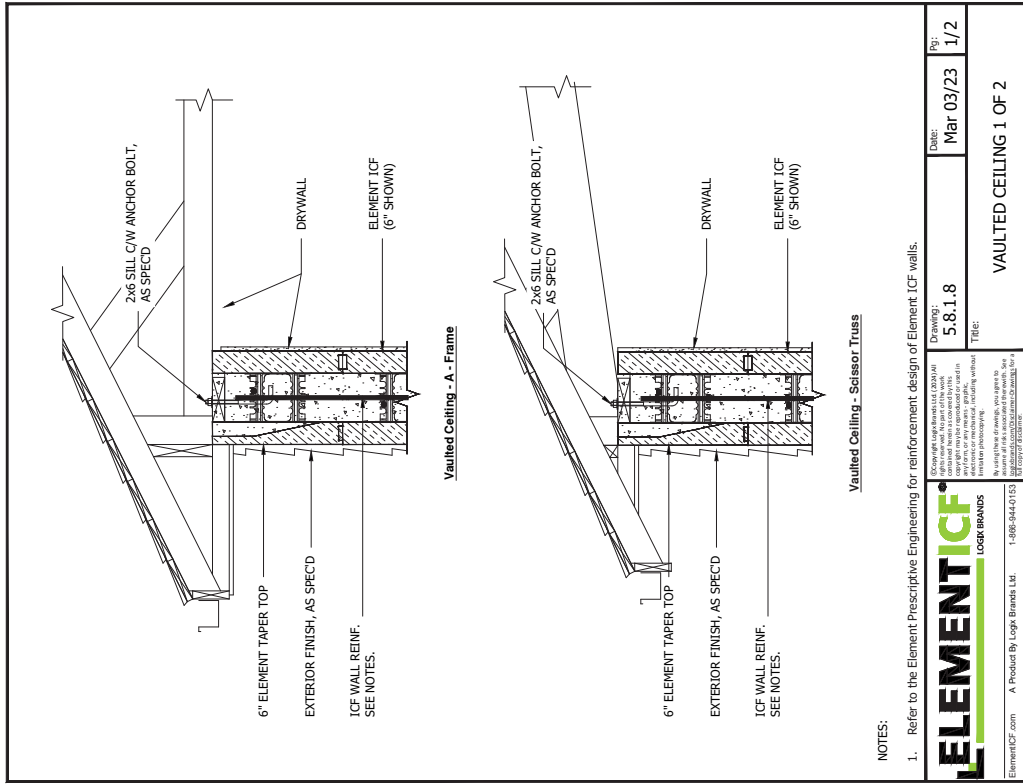
	Drawing: 5.8.1.3 Title: SLOPED ROOF WALL INTERSECTION	Date: Mar 03/23 Pg: 1/1
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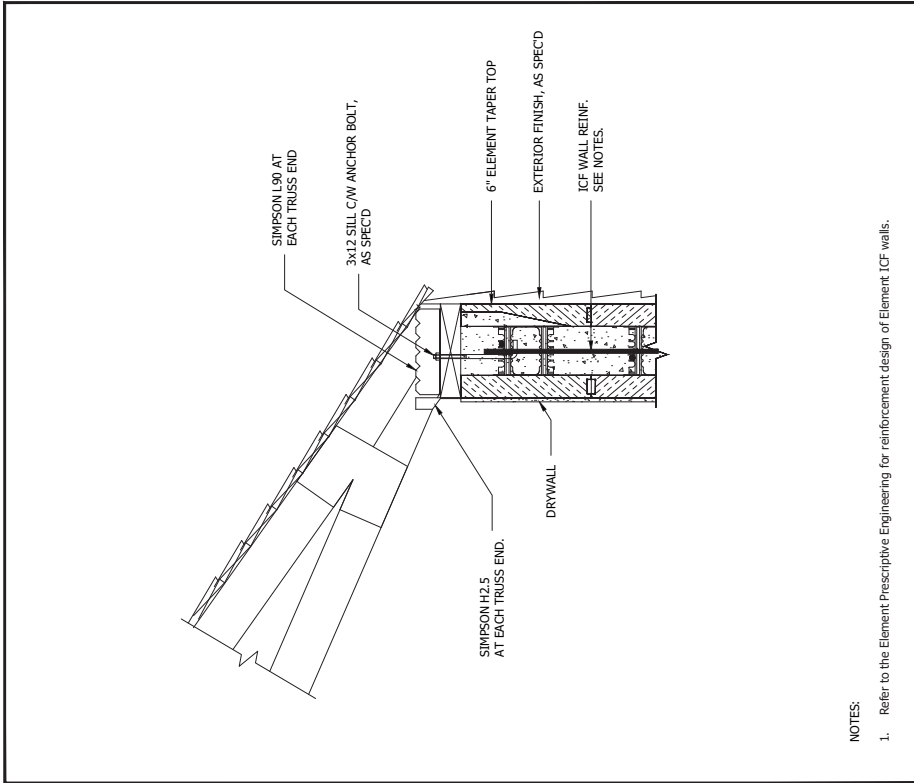
5.8 - WOOD PARAPETS



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25/2024 12:10:06 PM



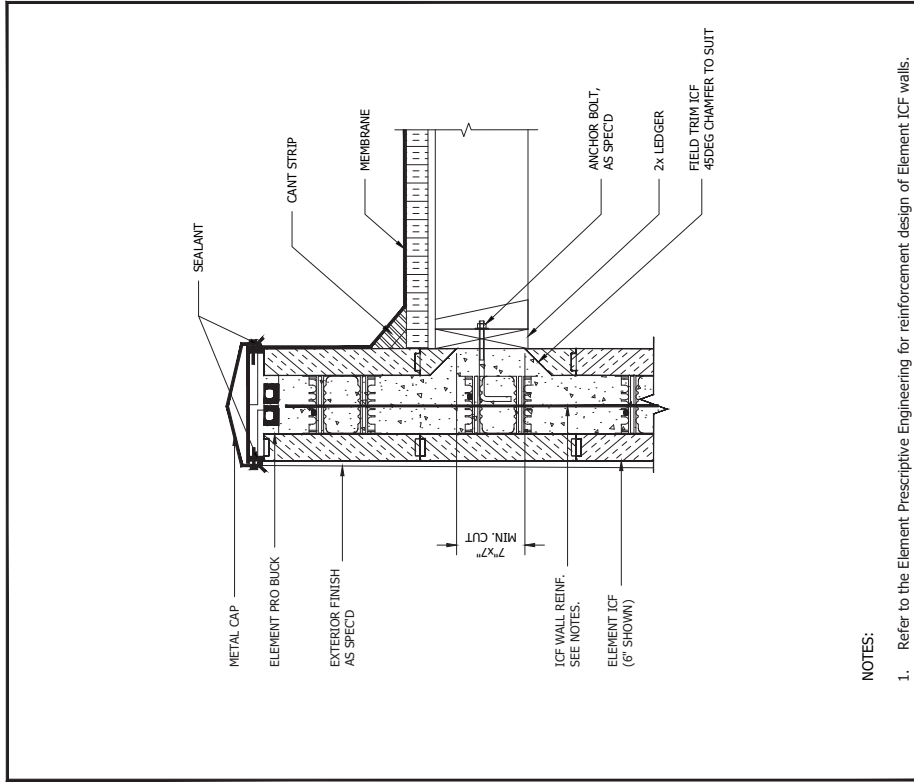


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	DRAWING: 5.8.1.9 TITLE: VAULTED CEILING 2 OF 2	DATE: Mar 03/23 REV: 2/2
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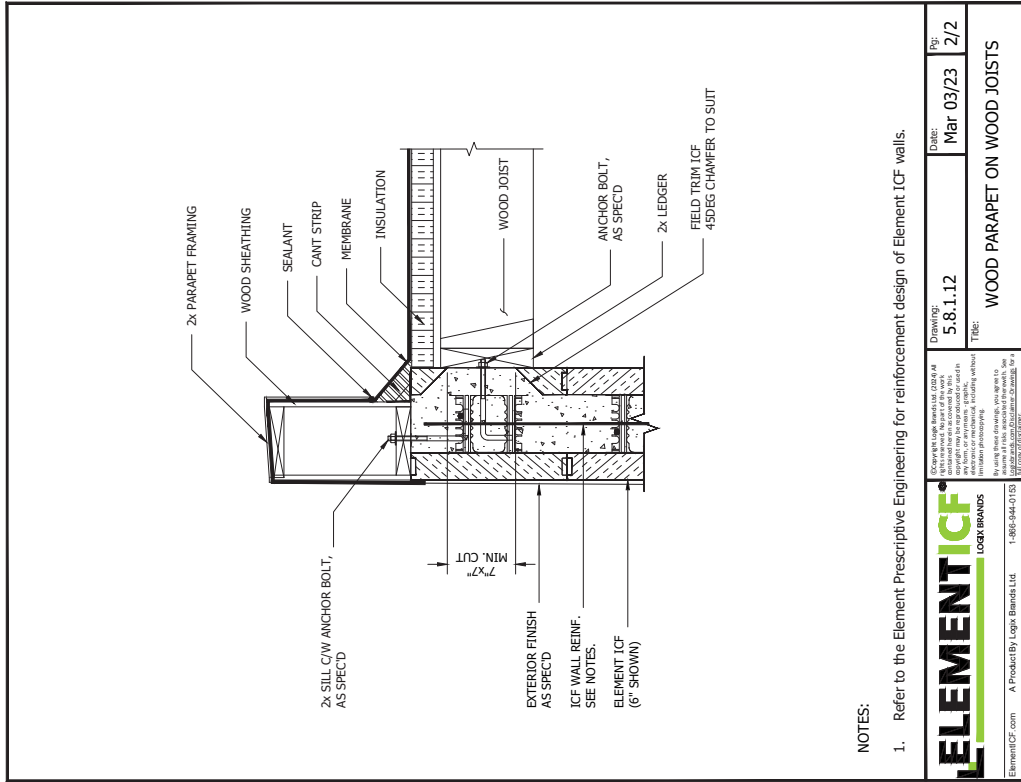


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	DRAWING: 5.8.1.10 TITLE: FLAT ROOF ON WOOD JOISTS WITH METAL CAP	DATE: Mar 03/23 REV: 2/2
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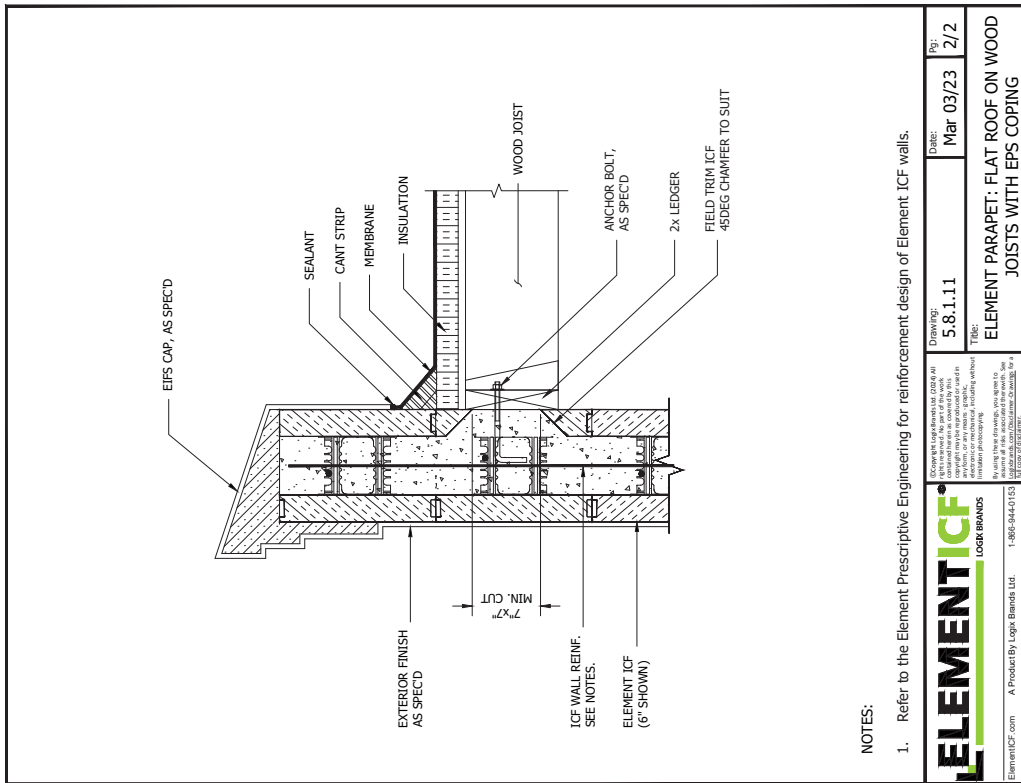
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.1.12 Title: WOOD PARAPET ON WOOD JOISTS	Date: Mar 03/23 Pg: 2/2
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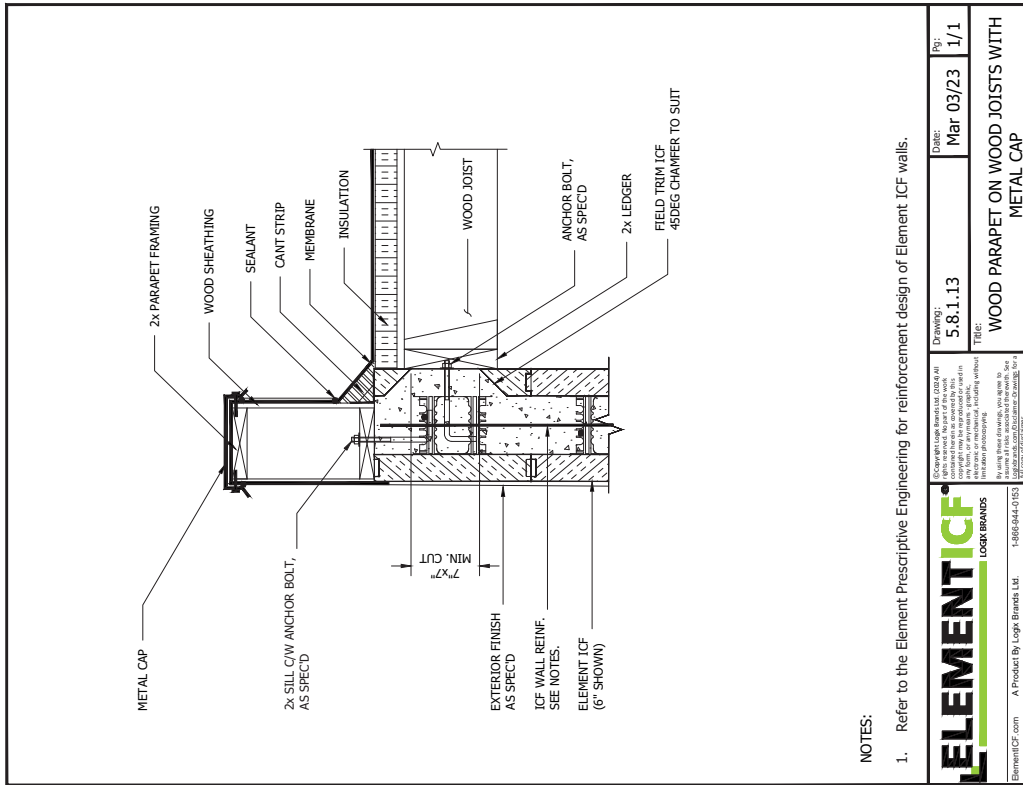


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.1.11 Title: ELEMENT PARAPET: FLAT ROOF ON WOOD JOISTS WITH EPS COPING	Date: Mar 03/23 Pg: 2/2
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5.8 - WOOD PARAPETS

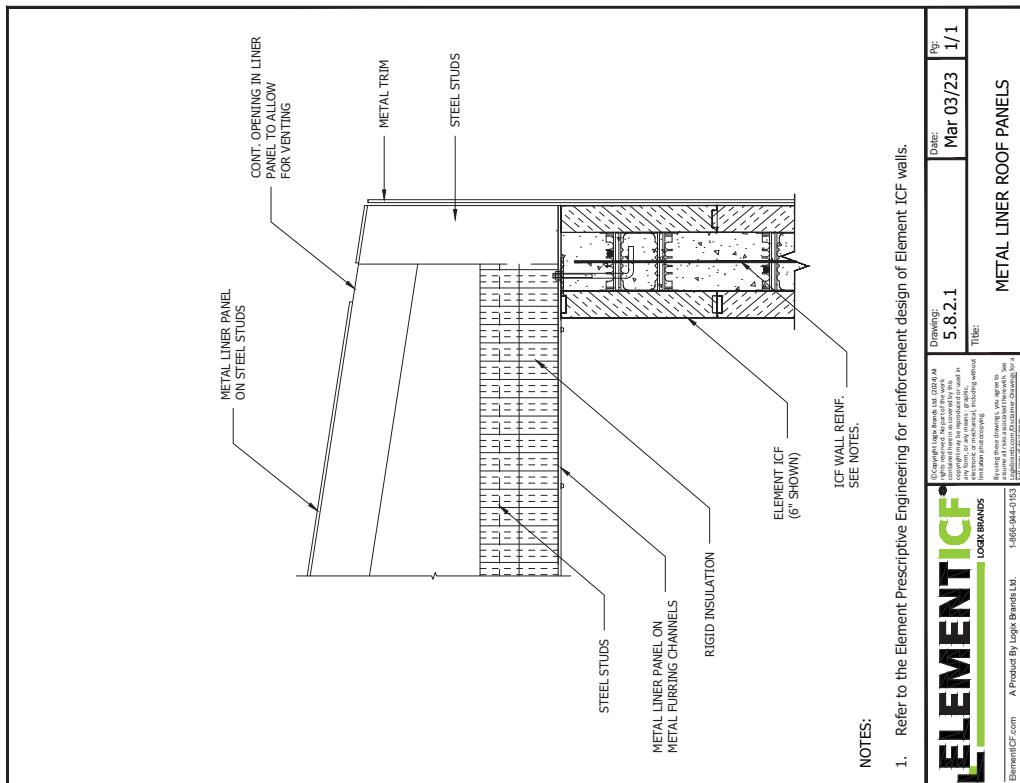
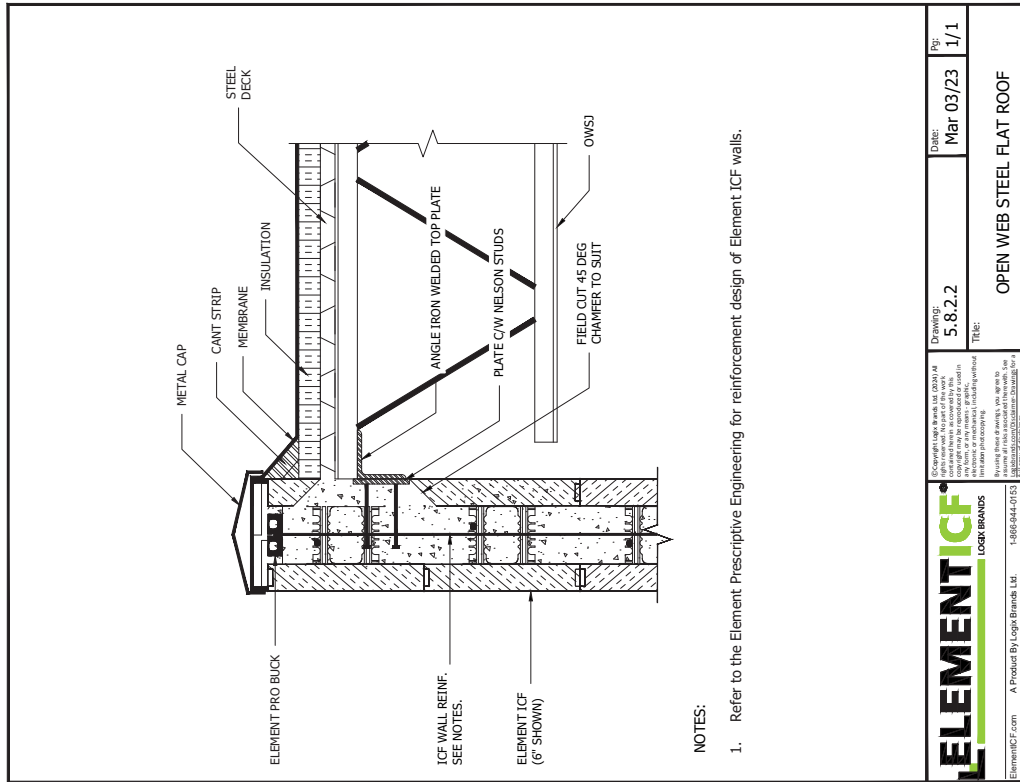


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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	ElementICF.com A Product By Logix Brands Ltd. 1-800-844-0153	Drawn: 5.8.1.13 Title: WOOD PARAPET ON WOOD JOISTS WITH METAL CAP

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Drawing: 5.8.2.2
Date: Mar 03/23
Page: 1/1

TITLE: OPEN WEB STEEL FLAT ROOF

23/2024 12:07:43 PM

ELEMENT ICF
LOGIX BRANDS

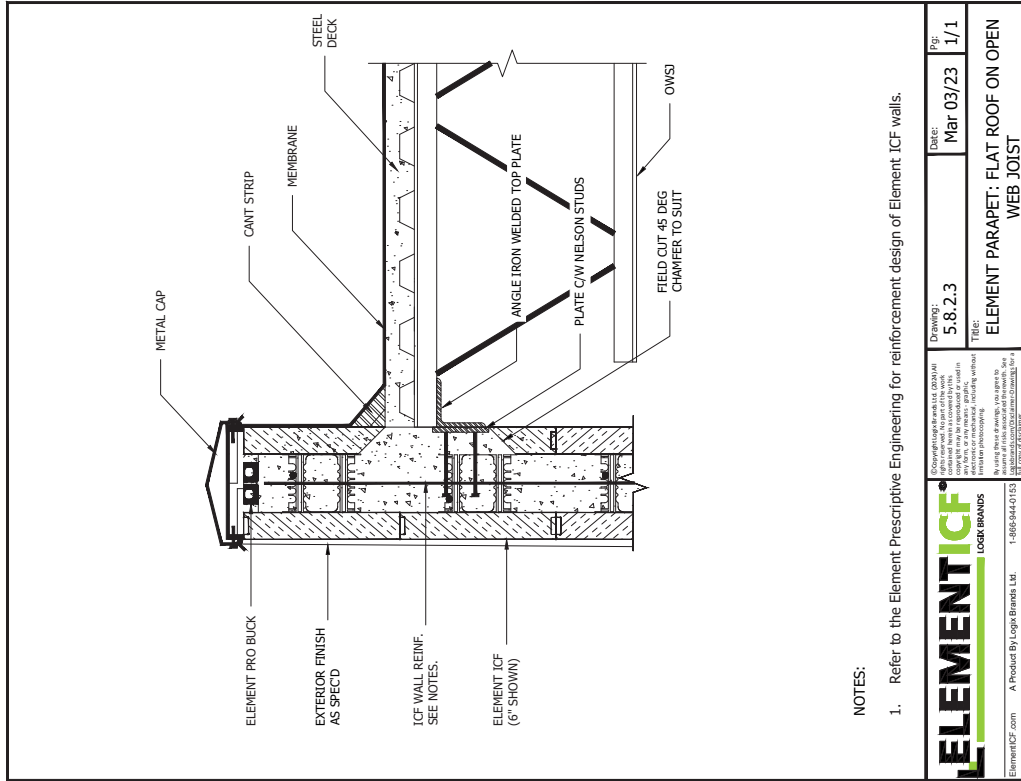
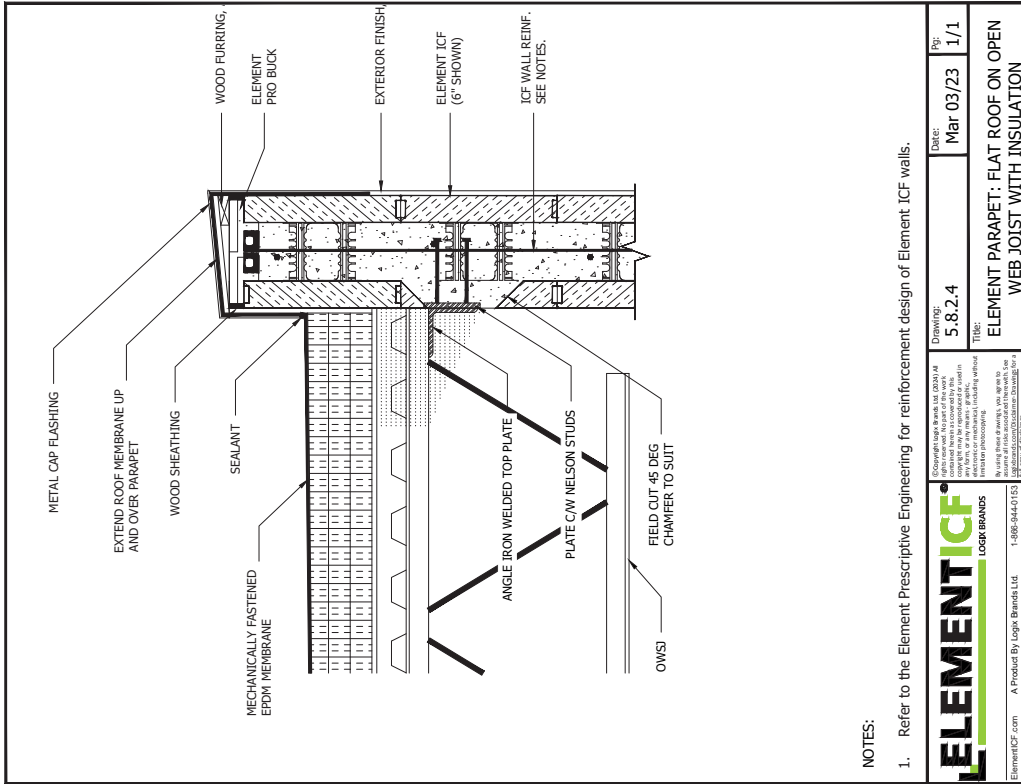
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Drawing: 5.8.2.1
Date: Mar 03/23
Page: 1/1

TITLE: METAL LINER ROOF PANELS

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NOTES:

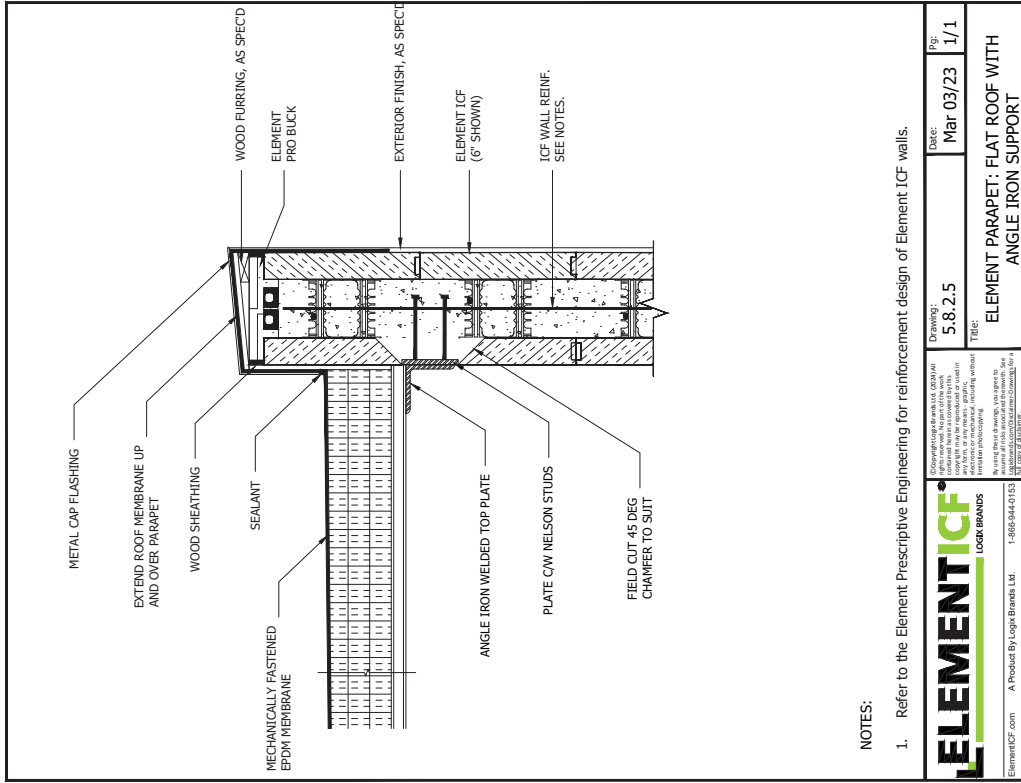
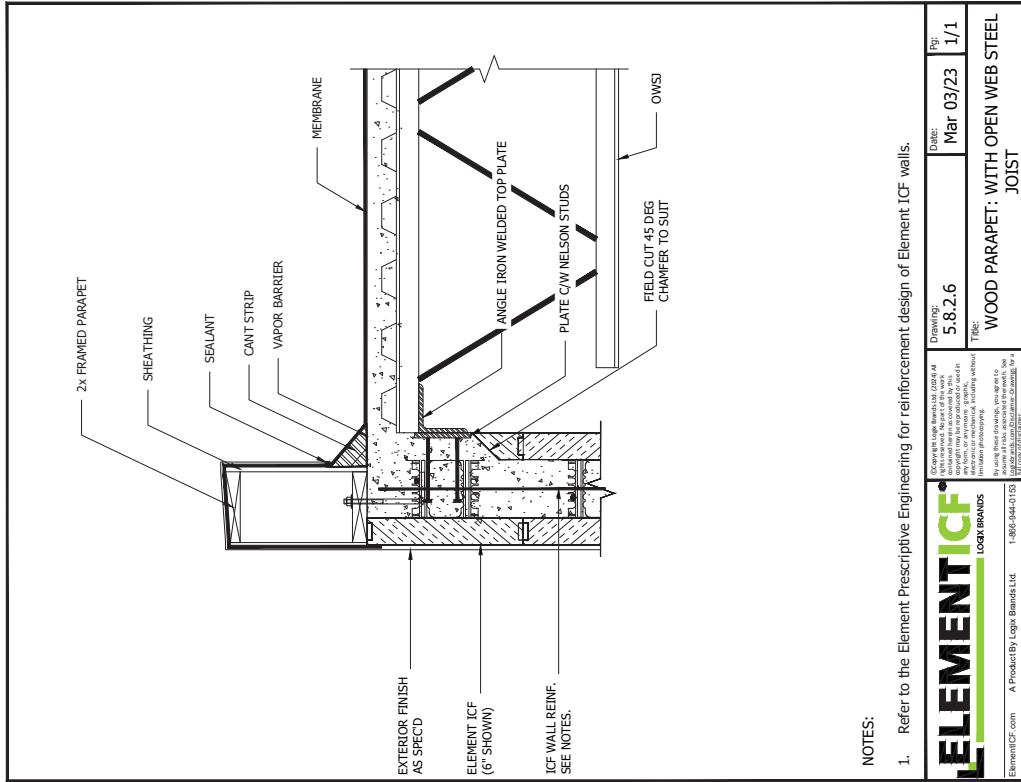
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.2.4 Title: ELEMENT PARAPET: FLAT ROOF ON OPEN WEB JOIST WITH INSULATION	Date: Mar 03/23 Pg: 1/1
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.2.3 Title: ELEMENT PARAPET: FLAT ROOF ON OPEN WEB JOIST	Date: Mar 03/23 Pg: 1/1
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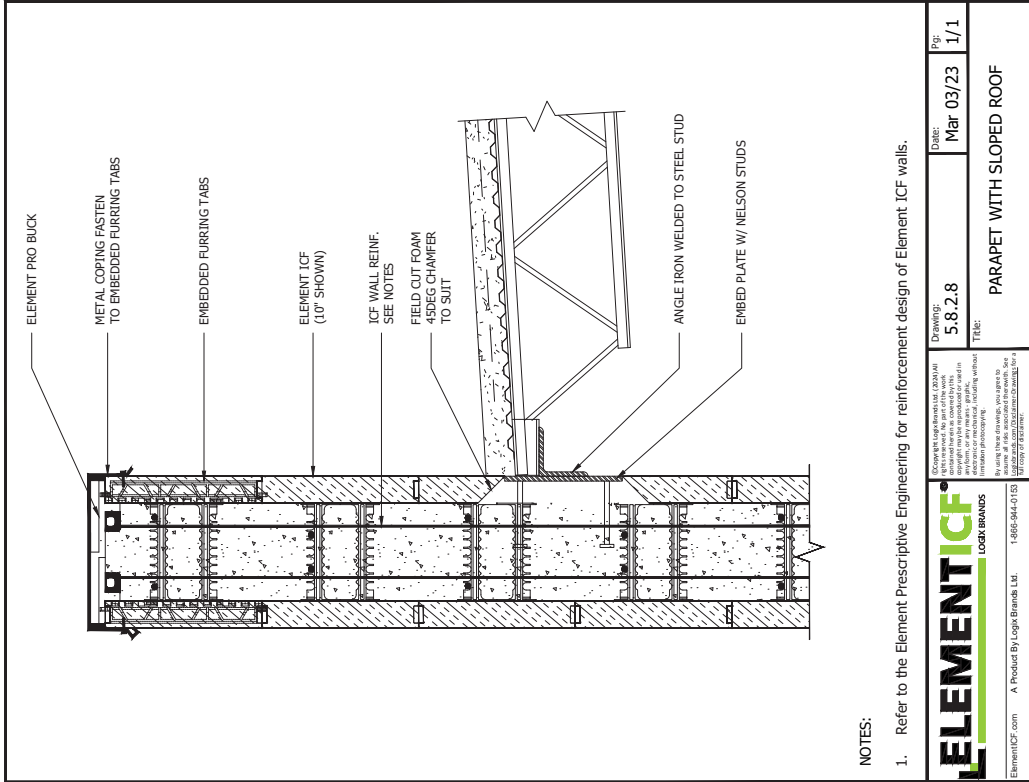




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5.8 - STEEL PARAPETS

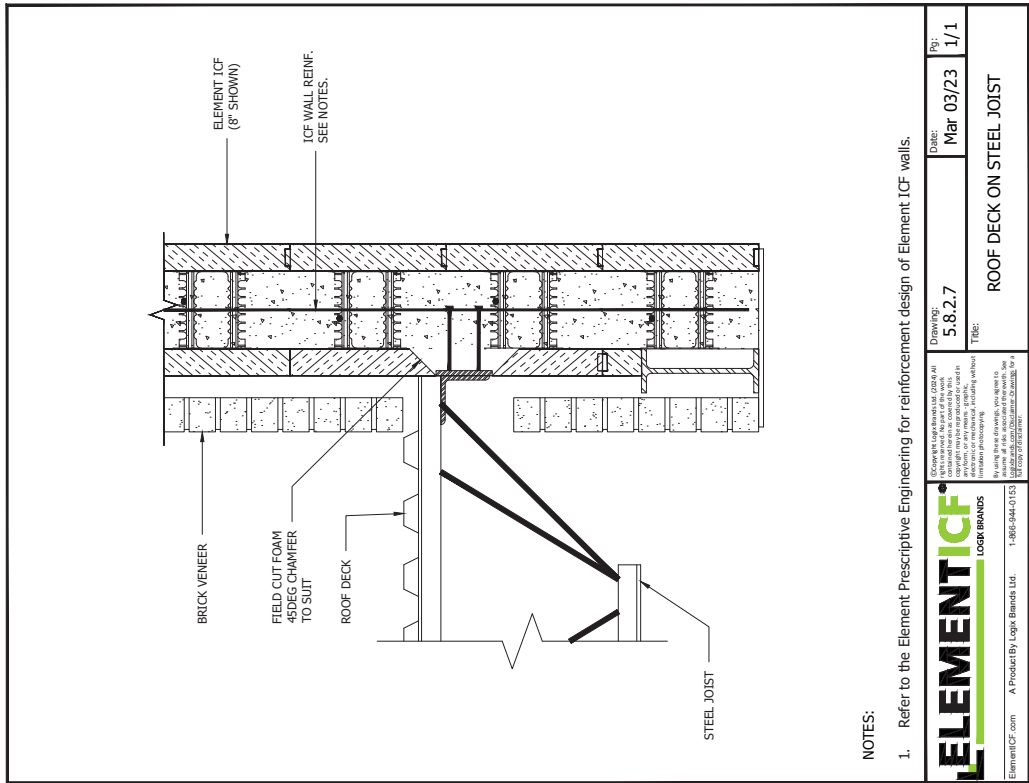


NOTES:

- 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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	<small>ElementICF.com</small>	<small>1-866-944-0133</small> <small>A Product By Logix Brands Ltd.</small>
Drawing: 5.8.2.8 Title: PARAPET WITH SLOPED ROOF	Date: Mar 03/23 Pg: 1/1	

2/2/2024 12:06:15 PM

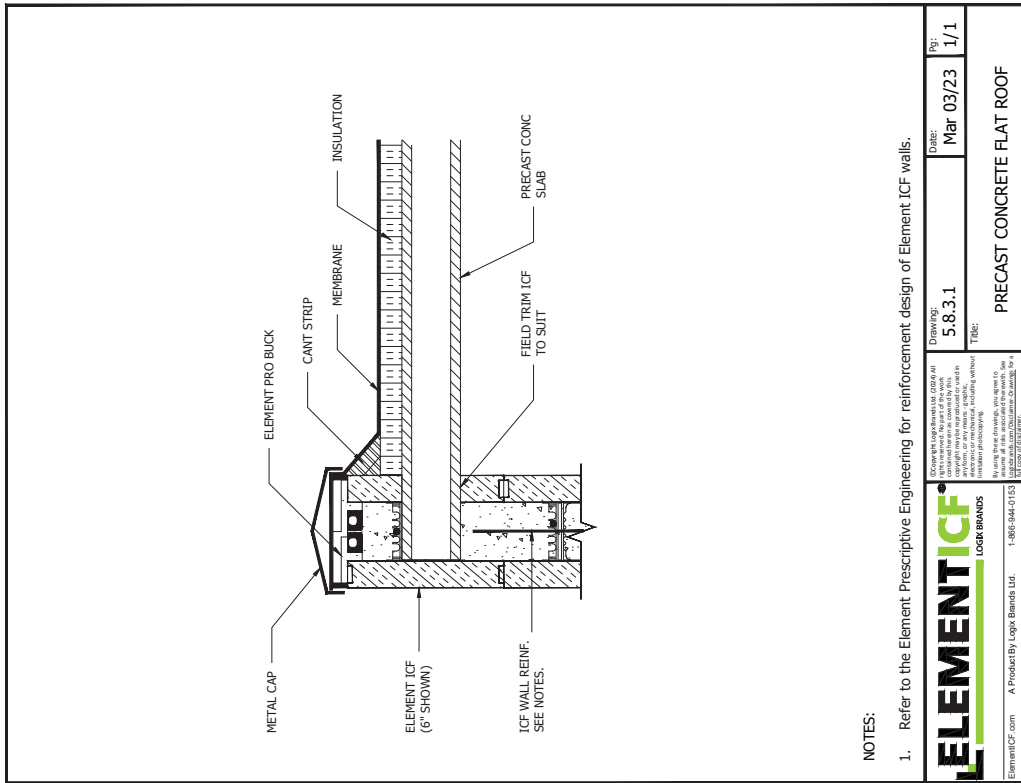
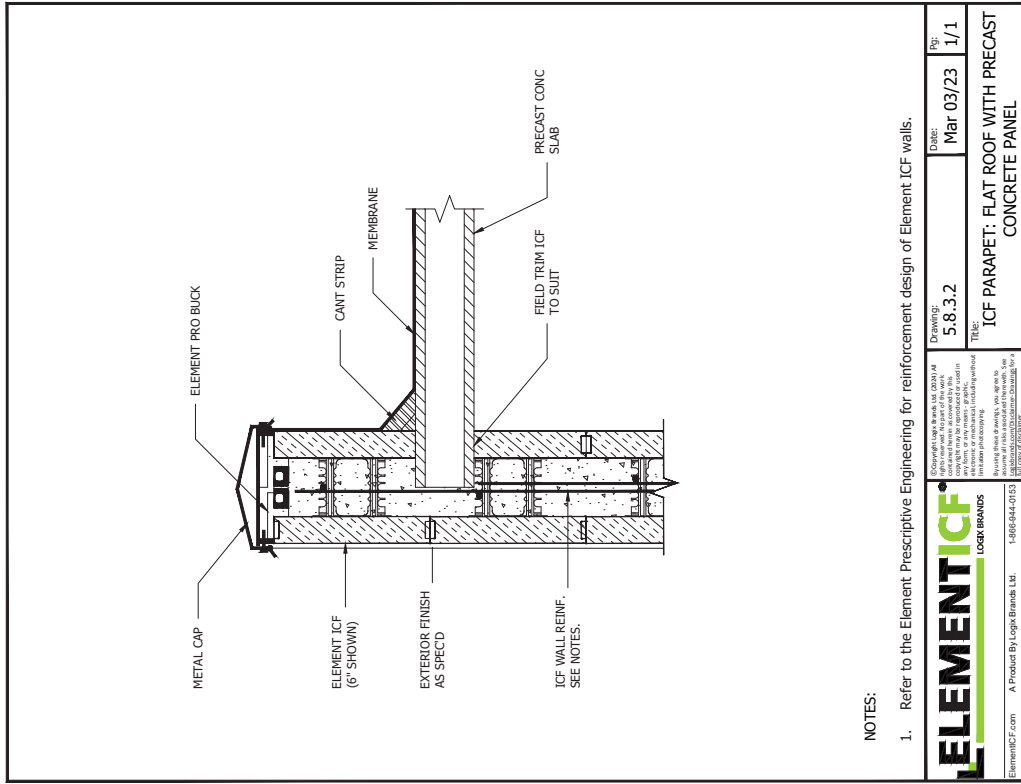


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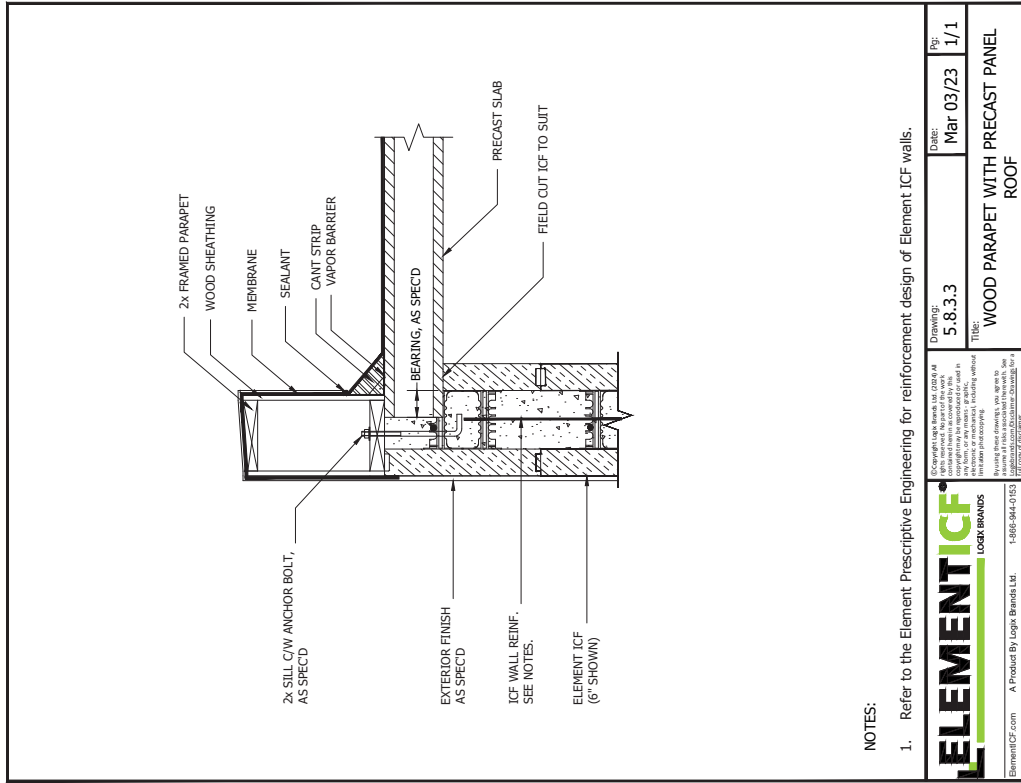
- 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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Drawing: 5.8.2.7 Title: ROOF DECK ON STEEL JOIST	Date: Mar 03/23 Pg: 1/1	

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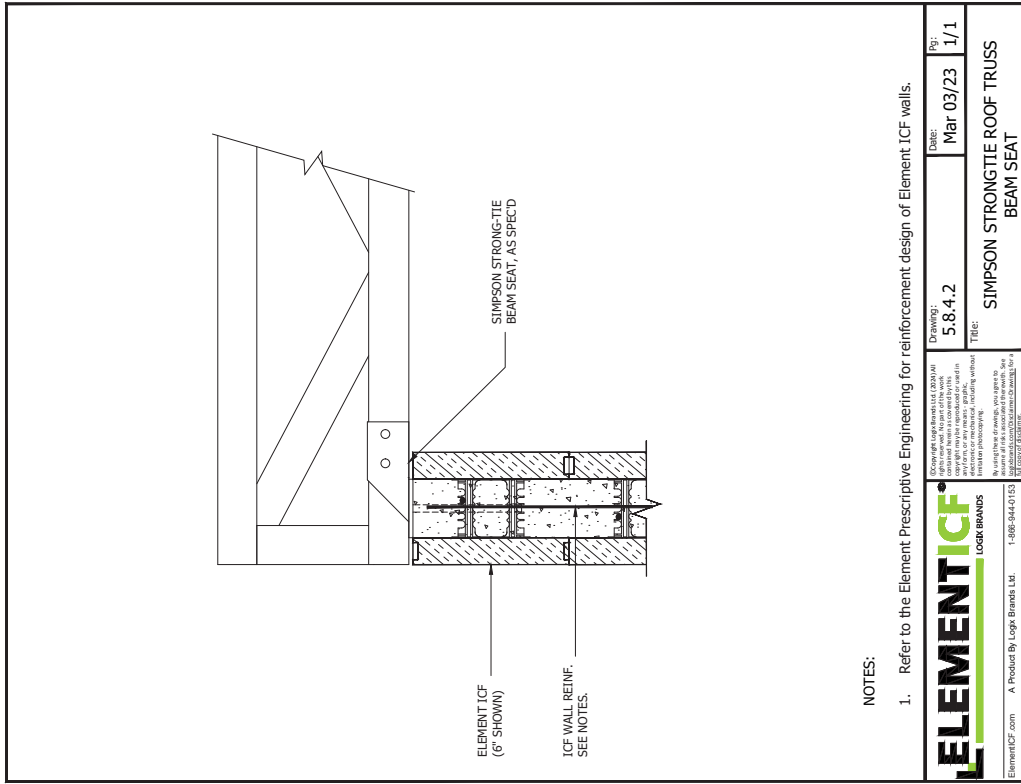
5.8 - PRECAST PARAPETS



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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	<p>WOOD PARAPET WITH PRECAST PANEL ROOF</p>			

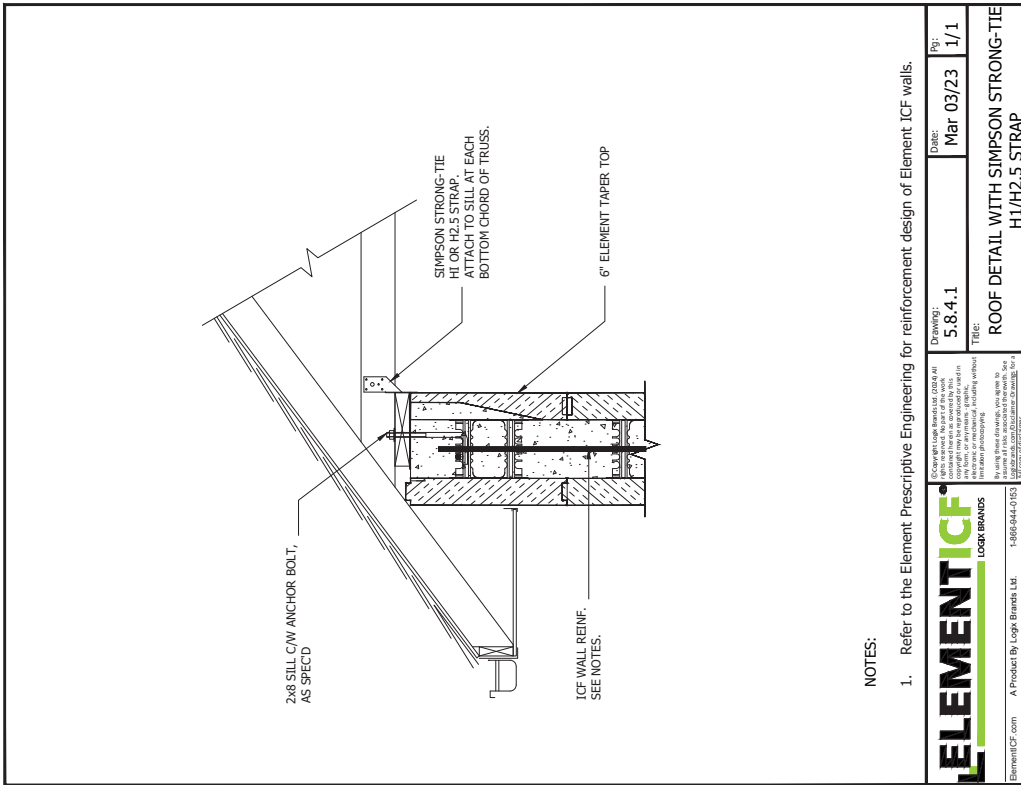


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.4.2 Date: Mar 03/23 Title: SIMPSON STRONGTIE ROOF TRUSS BEAM SEAT	Rev: 1/1
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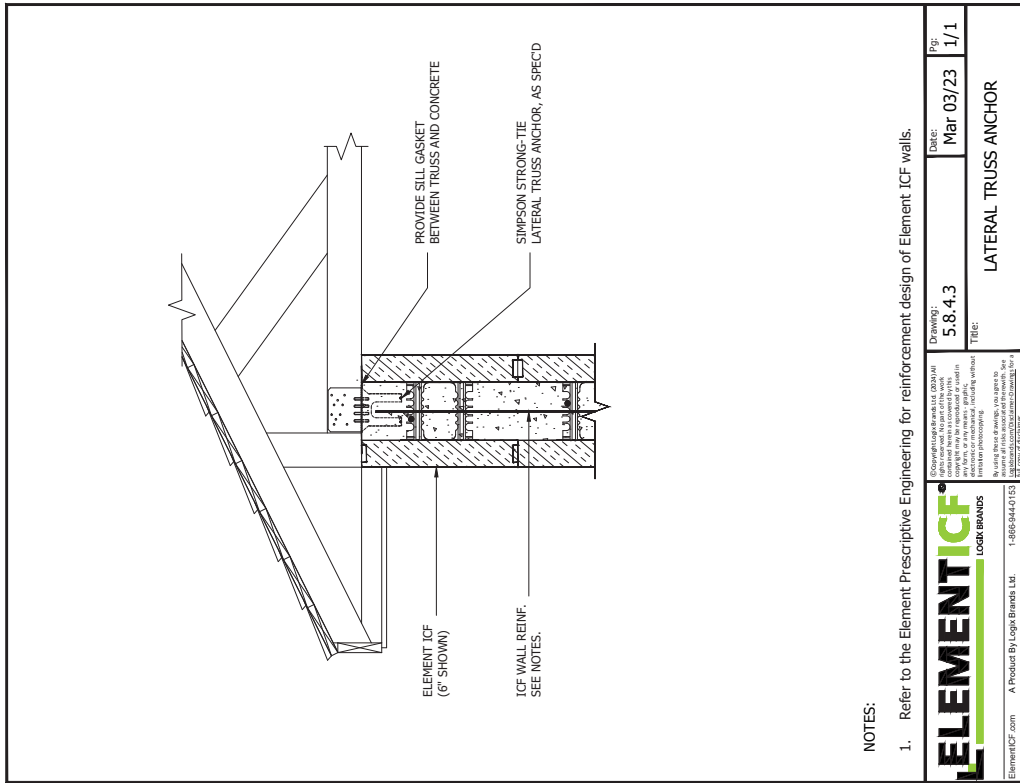
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.8.4.1 Date: Mar 03/23 Title: ROOF DETAIL WITH SIMPSON STRONG-TIE H1/H2.5 STRAP	Rev: 1/1
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5.8 - STRAPS & ANCHORS

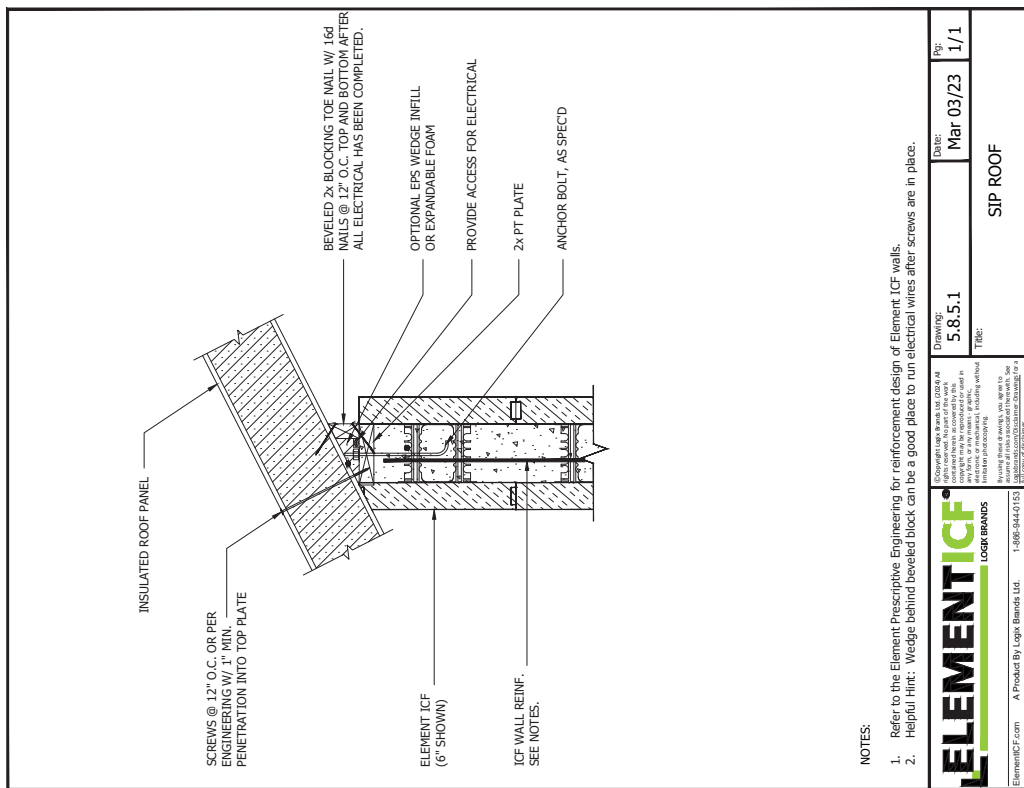


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

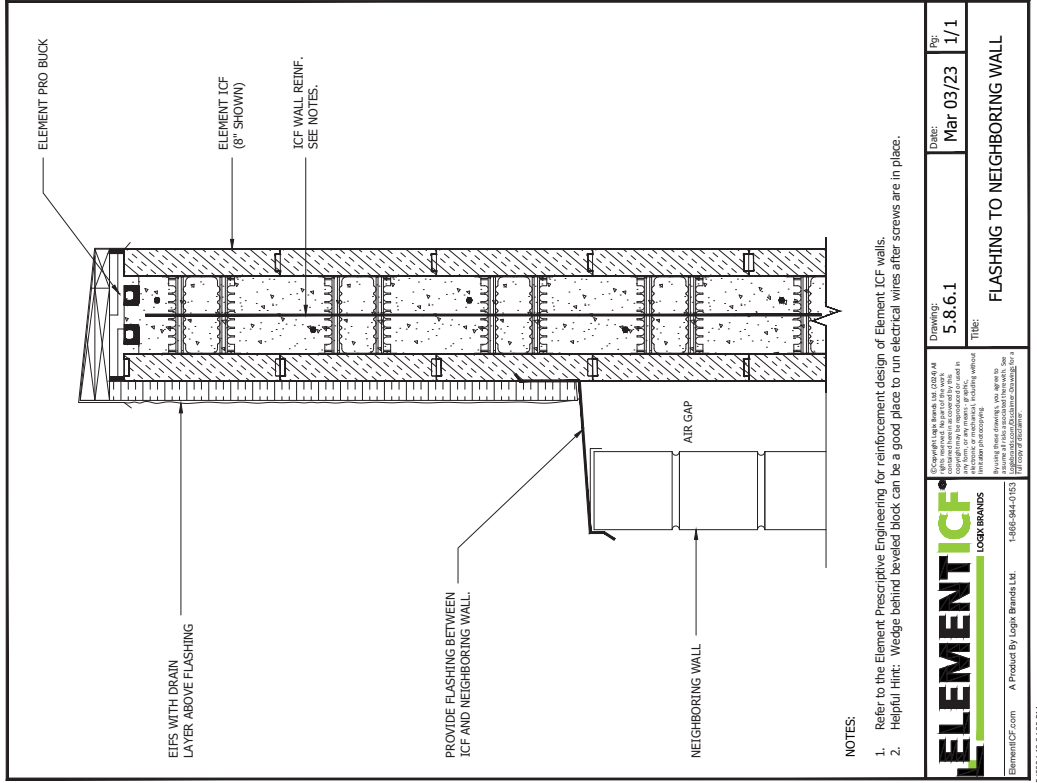
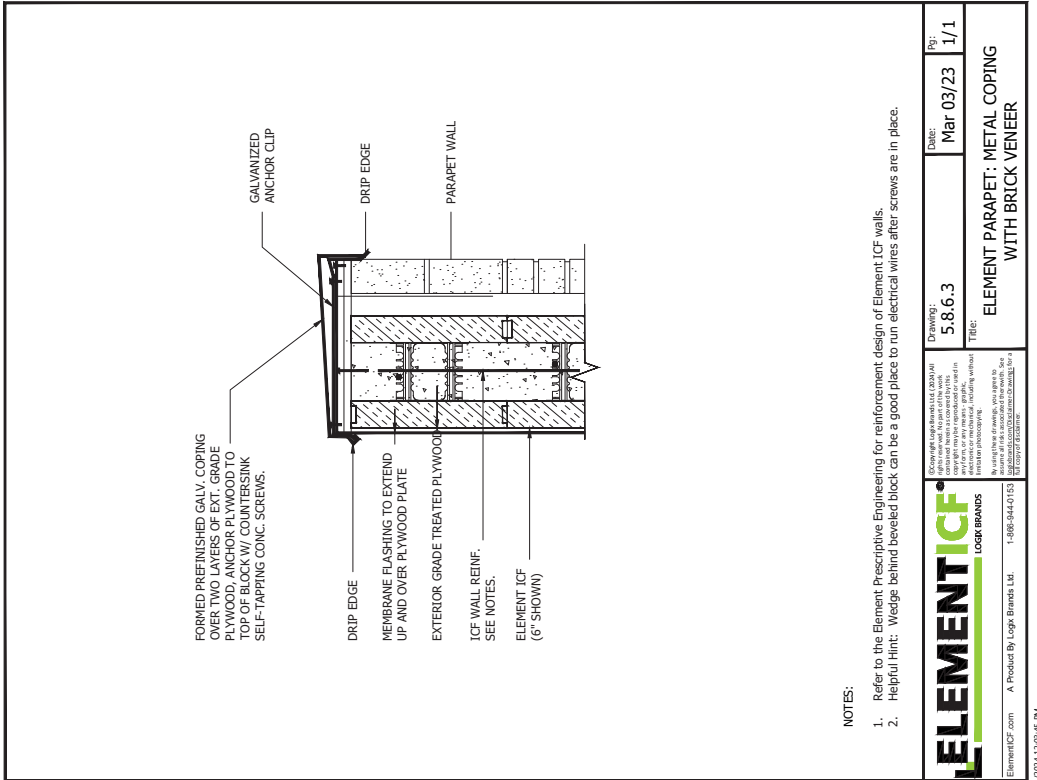
	Drawing: 5.8.4.3 TITLE: LATERAL TRUSS ANCHOR	Date: Mar 03/23 Pg: 1/1
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5.8 - STRUCTURAL INSULATED PANELS

5.8 - ADDITIONAL ROOF & PARAPET DETAILS

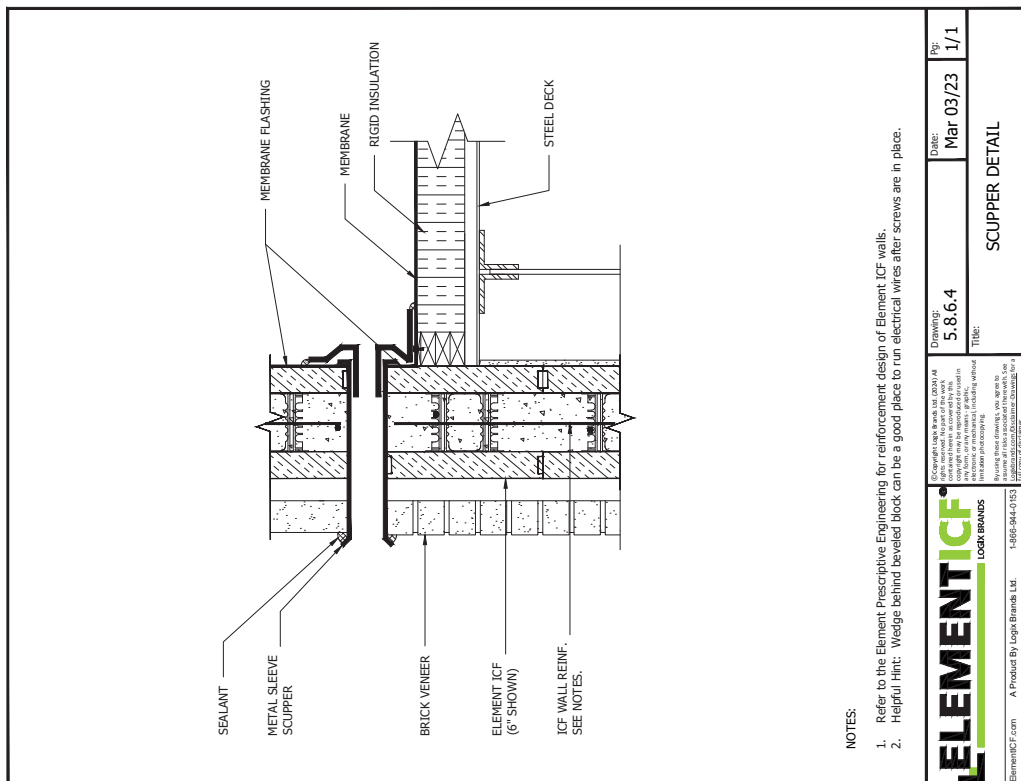


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Helpful Hint: Wedge behind beveled block can be a good place to run electrical wires after screws are in place.

	Drawing: 5.8.6.3 Title: ELEMENT PARAPET: METAL COPING WITH BRICK VENEER	Date: Mar 03/23 Page: 1/1
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	Drawing: 5.8.6.1 Title: FLASHING TO NEIGHBORING WALL	Date: Mar 03/23 Page: 1/1
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NOTES:

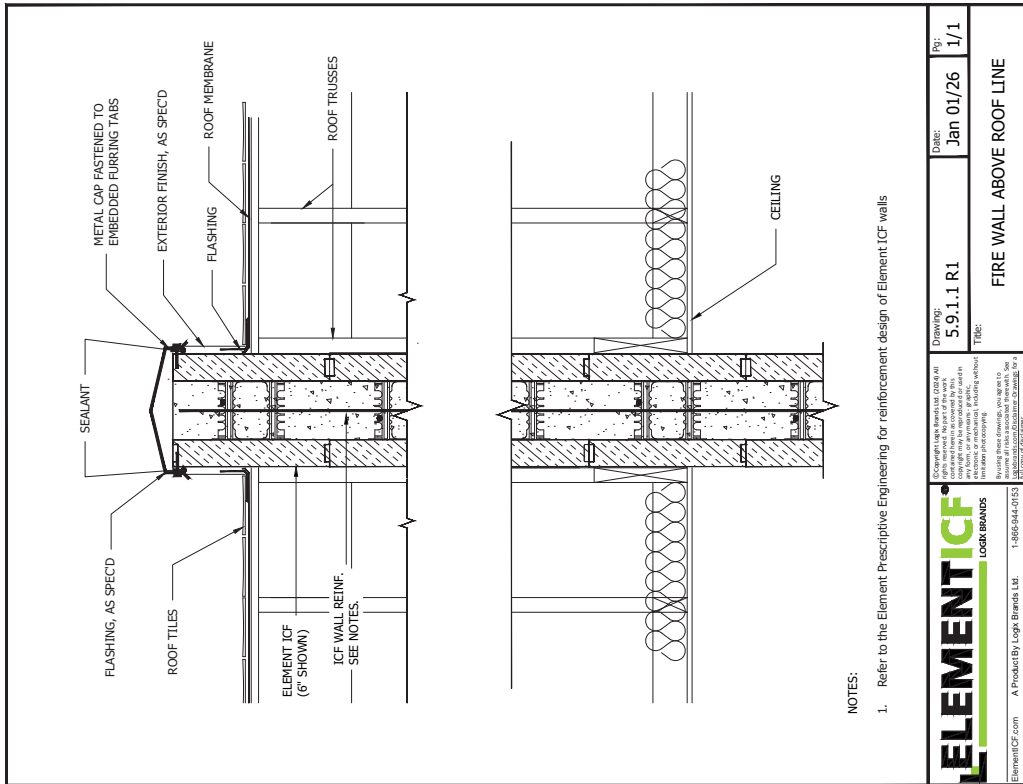
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Helpful Hint: Wedge behind beveled block can be a good place to run electrical wires after screws are in place.

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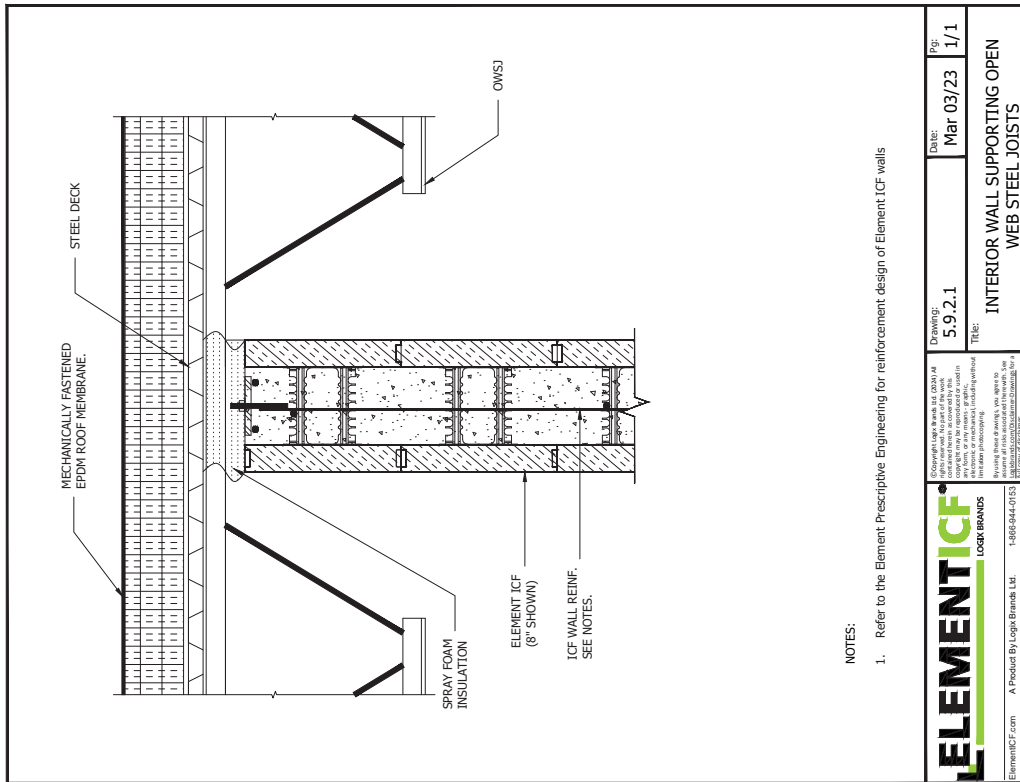
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5.9 - ROOF & PARAPETS AT INTERIOR WALL

5.9 - WOOD PARAPETS INTERIOR




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	ElementICF.com A Product By Logix Brands Ltd. 1-888-644-0153	FIRE WALL ABOVE ROOF LINE		



NOTES:

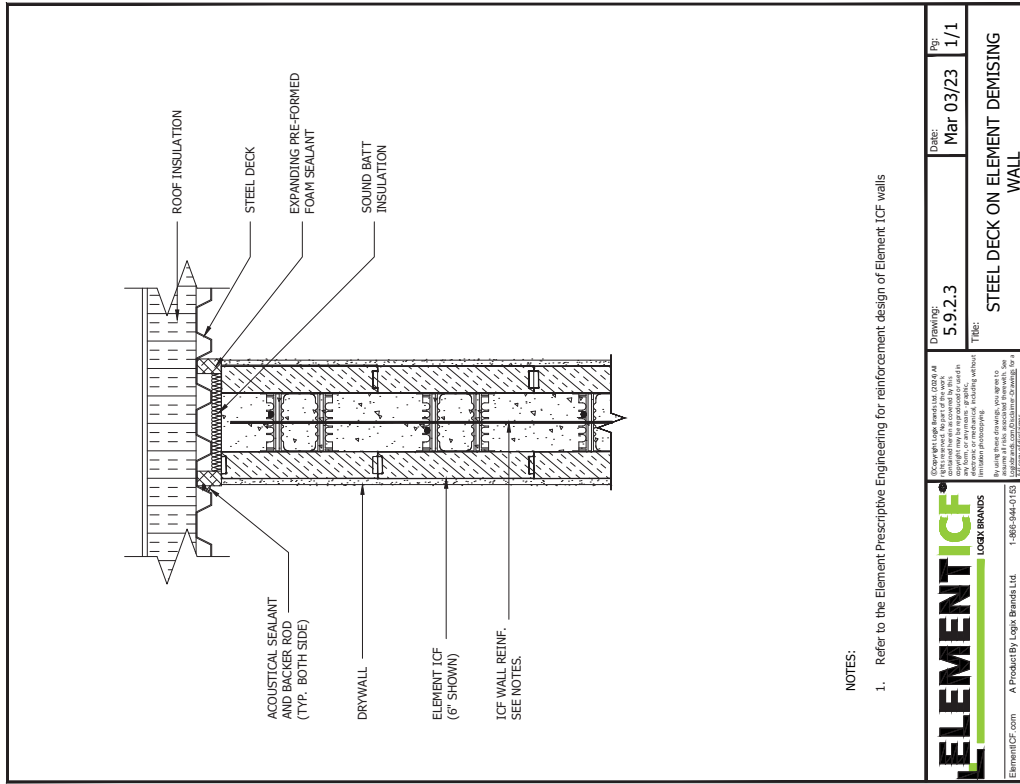
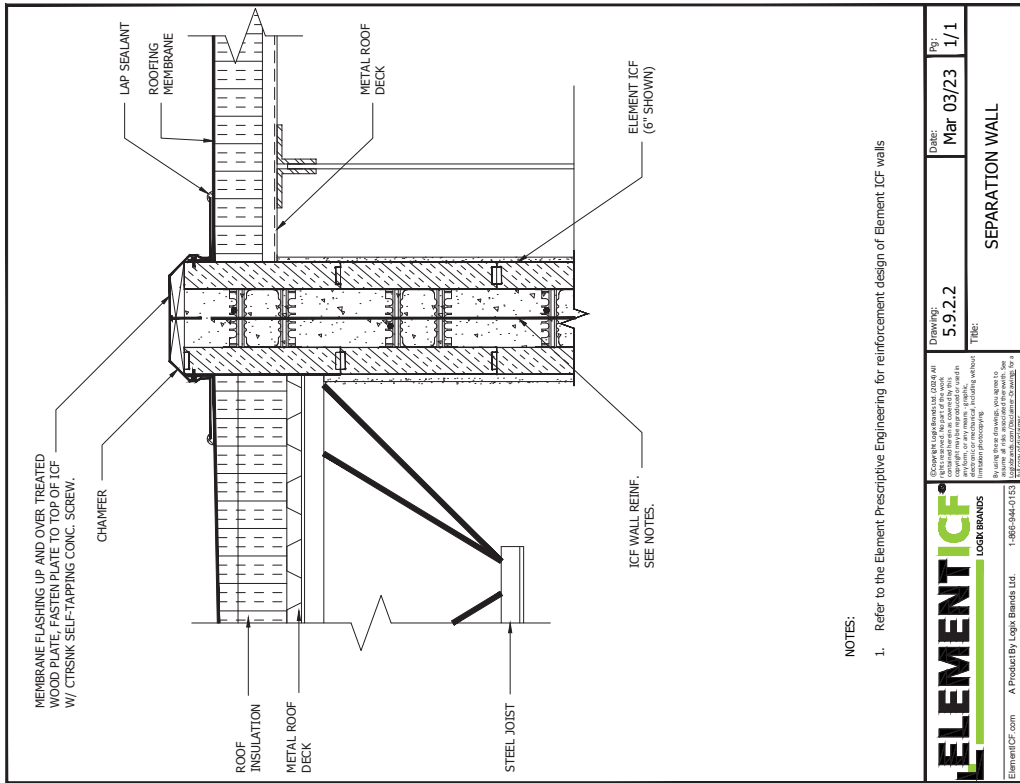
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls

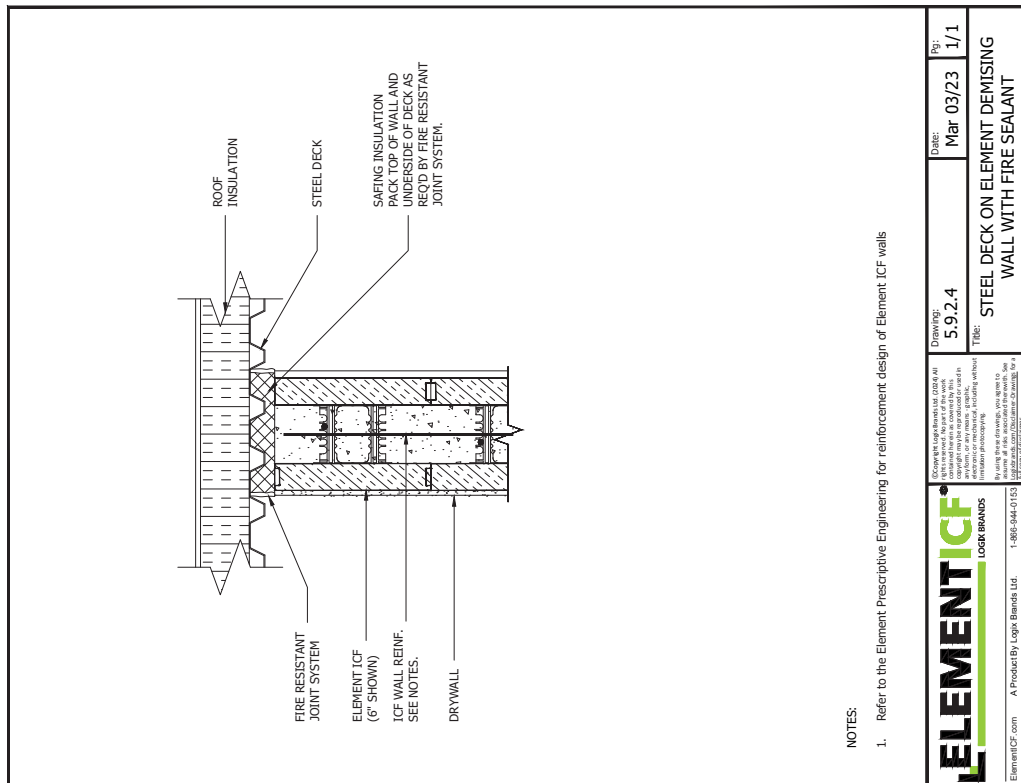
 ELEMENT ICF LOGIX BRANDS	Drawing: 59.2.1 Title: INTERIOR WALL SUPPORTING OPEN WEB STEEL JOISTS	Date: Mar 03/23 Page: 1/1
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5.9 - STEEL PARAPETS INTERIOR

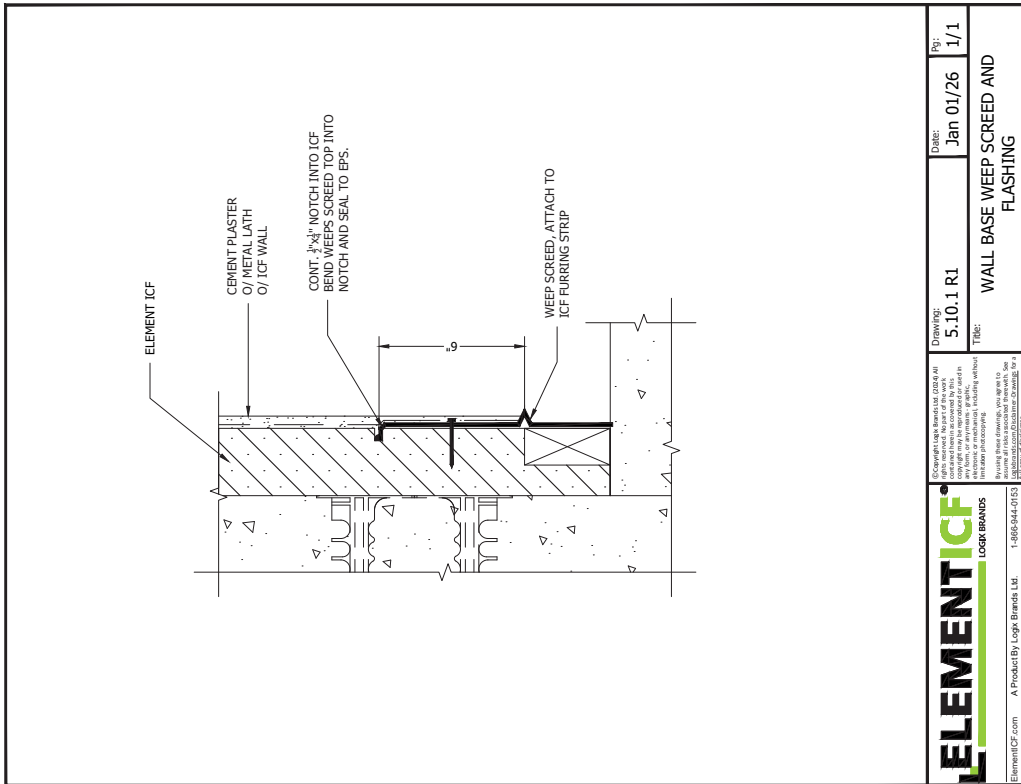
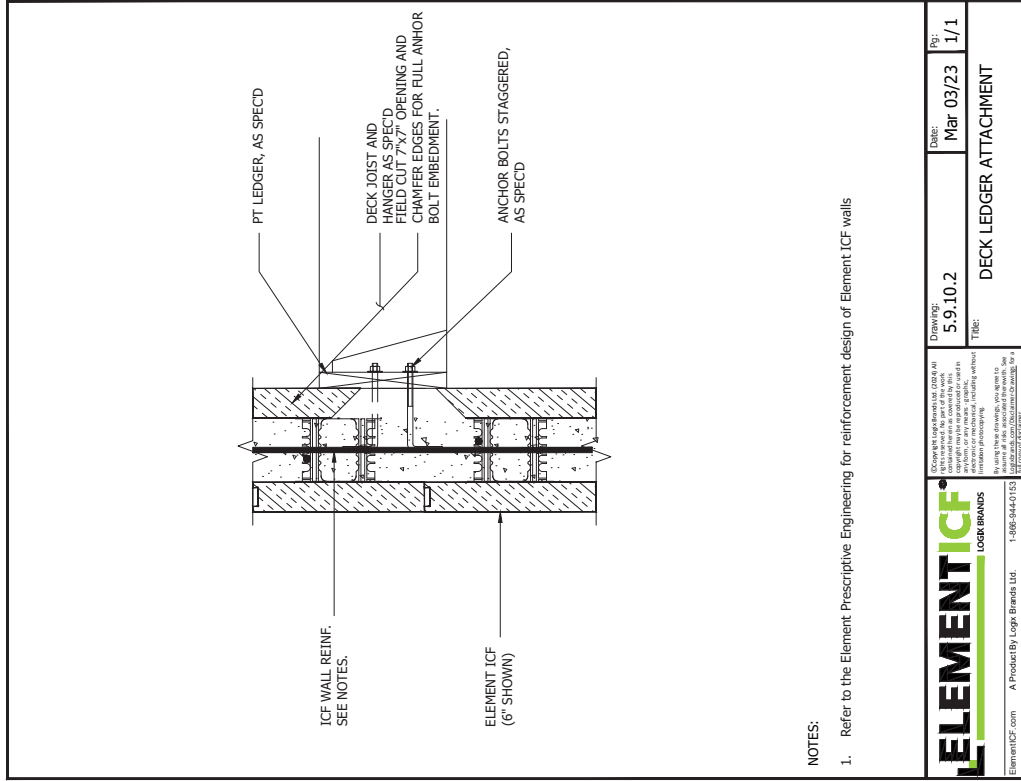




5.9 - STEEL PARAPETS INTERIOR

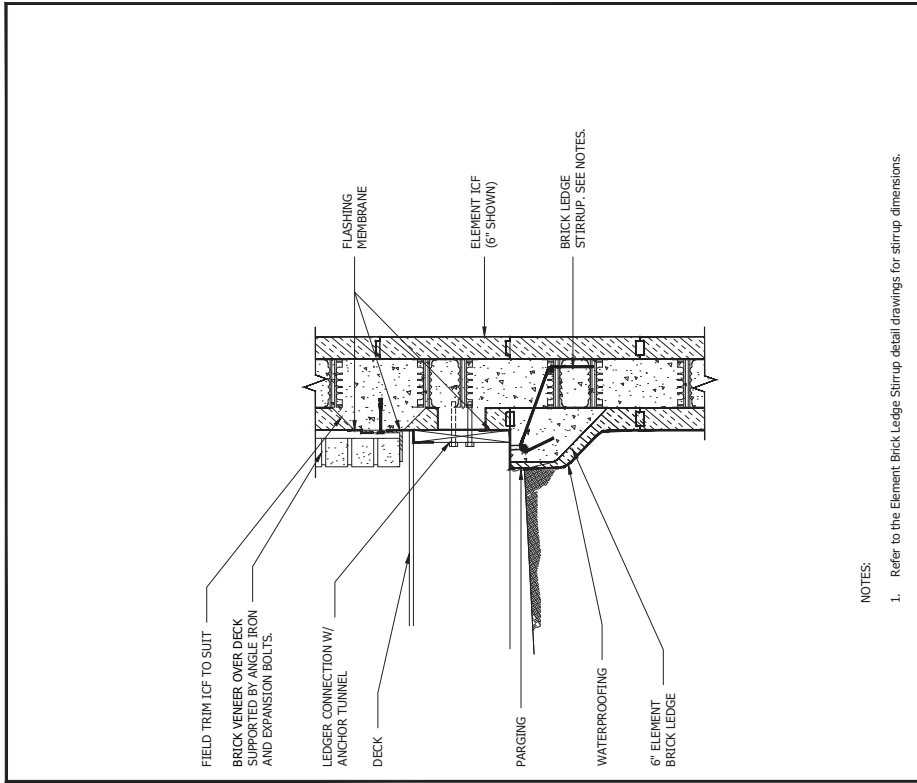
5.10 - DECKS

5.10 - DECKS



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	<p>Title: DECK LEDGER ATTACHMENT</p>	<p>ElementICF.com</p>	<p>A Product By Logix Brands Ltd.</p>	<p>1-866-944-0153</p>

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	<p>Title: WALL BASE WEEP SCREED AND FLASHING</p>	<p>ElementICF.com</p>	<p>A Product By Logix Brands Ltd.</p>	<p>1-866-944-0153</p>



NOTES:
1. Refer to the Element Brick Ledge Stirrup detail drawings for stirrup dimensions.

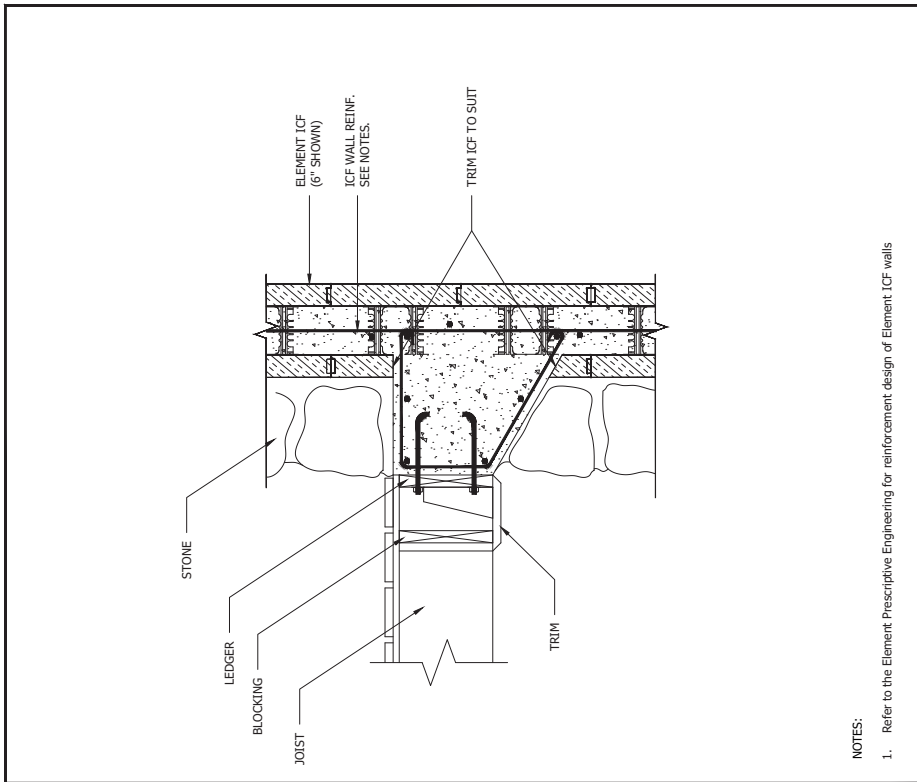
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Drawing: 5.10.4
Date: Mar 03/23
Pg: 1/1
Title: BRICK LEDGE WITH LEDGER

2/2024 12:18:47 PM



NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls

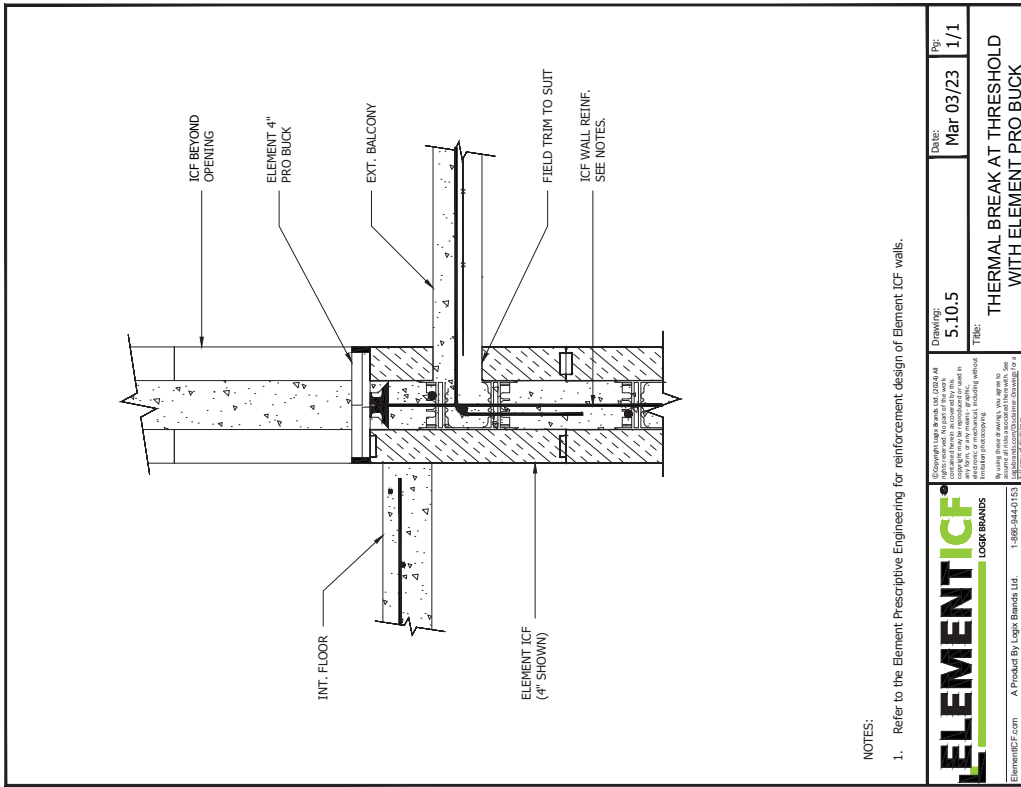
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Drawing: 5.10.3
Date: Mar 03/23
Pg: 1/1
Title: CORBEL SUPPORTING DECK AND STONE VENEER

2/2024 12:19:03 PM



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.10.5	Date: Mar 03/23	Rev: 1/1
	Title: THERMAL BREAK AT THRESHOLD WITH ELEMENT PRO BUCK		
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25/03/23 12:18:37 PM



5.11 - EXTERIOR FINISHES & ATTACHMENTS

Height Adjuster Option

Field Cut Foam Option

NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Treating the soil ahead of time is another method of avoiding termite related problems.
3. Please refer to local building codes for more information on termite control.
4. Recommend gluing in place Height Adjusters with foam adhesive.

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Drawing: 5.11.1.4
Date: Mar 03/23
Pg: 1/1

TITLE: TERMITE INSPECTION STRIP

2/2/2024 12:18:02 PM

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Drawing: 5.11.1.1
Date: Dec 13/22
Pg: 1/1

TITLE: ELEMENT ICF WITH STONE VENEER

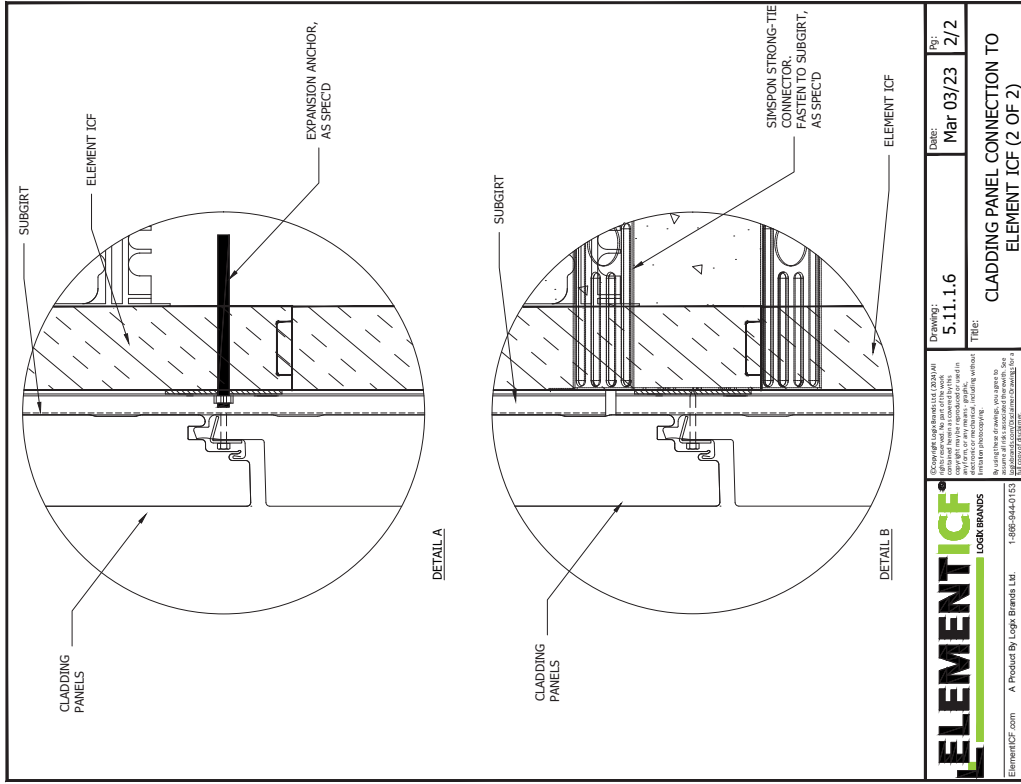
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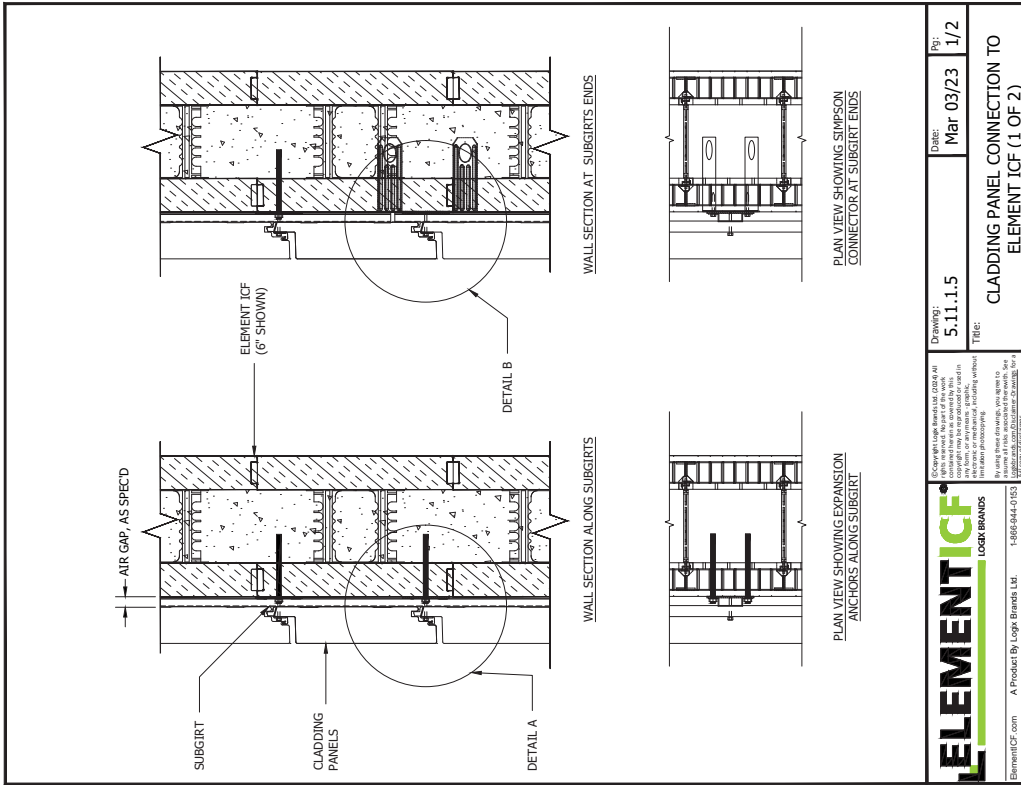
Keep it Simple.™

ELEMENT ICF®

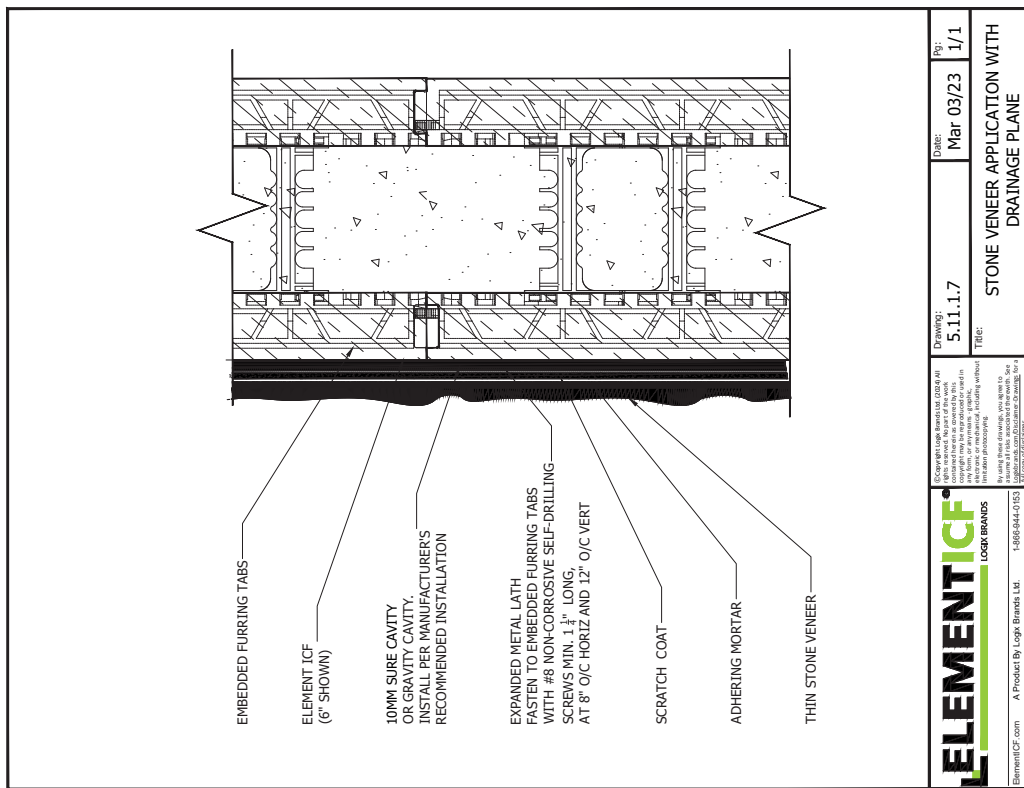
5.11 - EXTERIOR FINISHES



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	<small>ElementICF.com A Product By Logix Brands Ltd. 1-888-644-0152</small>	<small>2/5/2024 12:17:08 PM</small>	

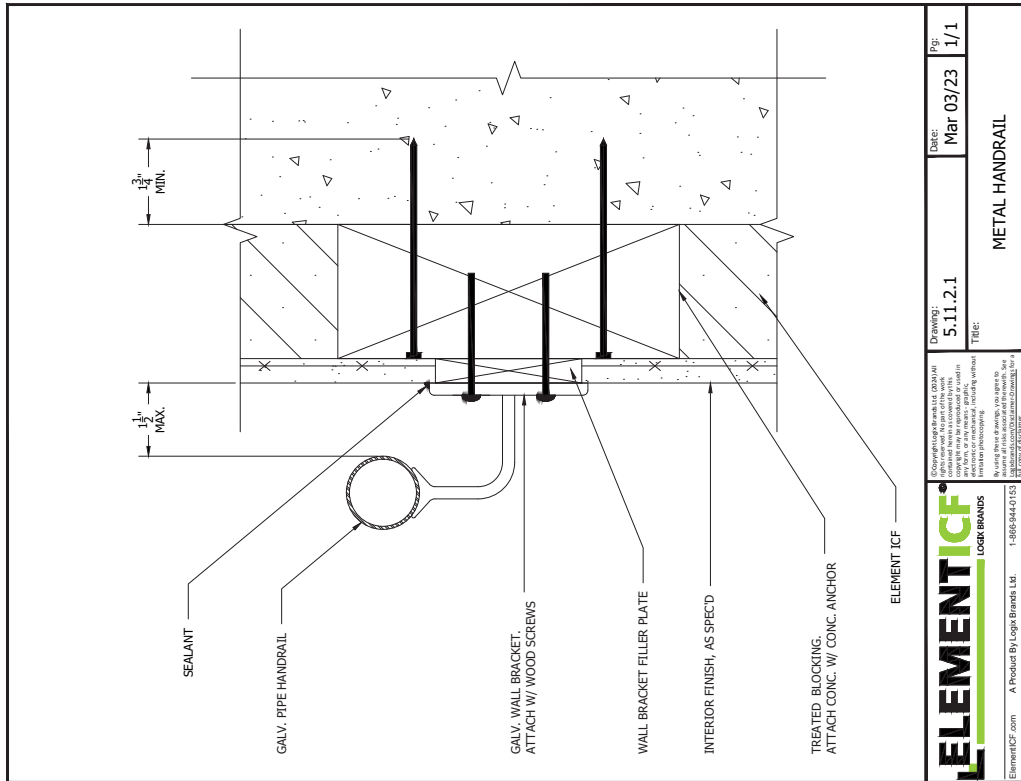
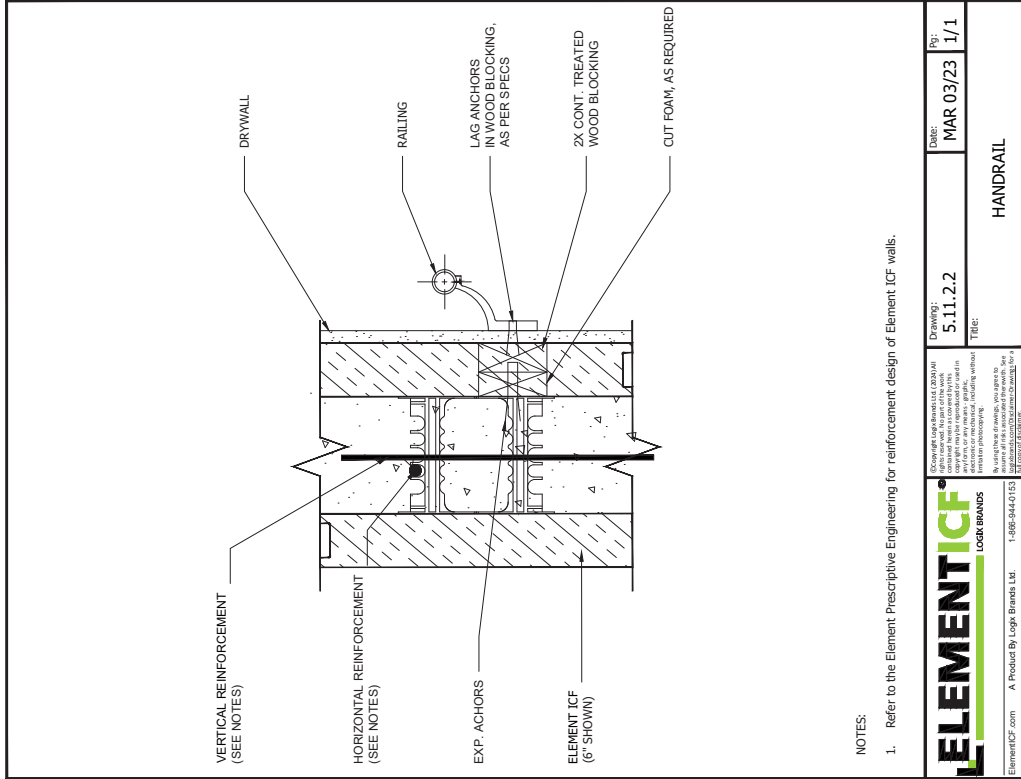


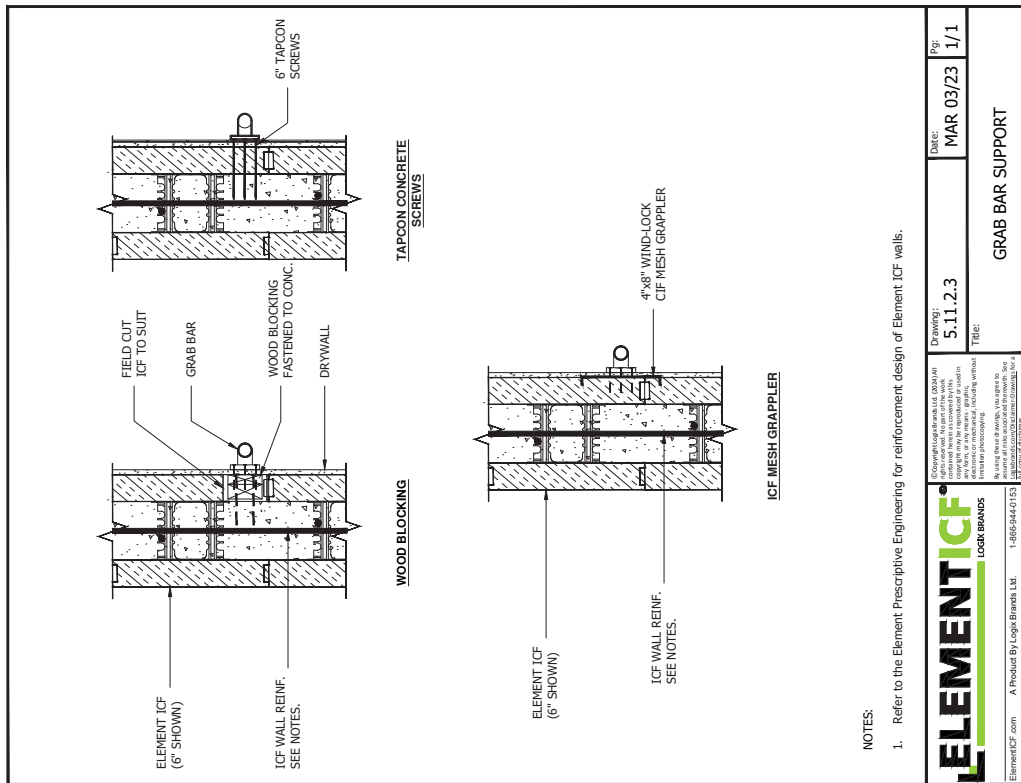
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	<small>ElementICF.com A Product By Logix Brands Ltd. 1-888-644-0152</small>	<small>2/5/2024 12:17:37 PM</small>	



5.11 - EXTERIOR FINISHES

5.11 - ATTACHMENTS



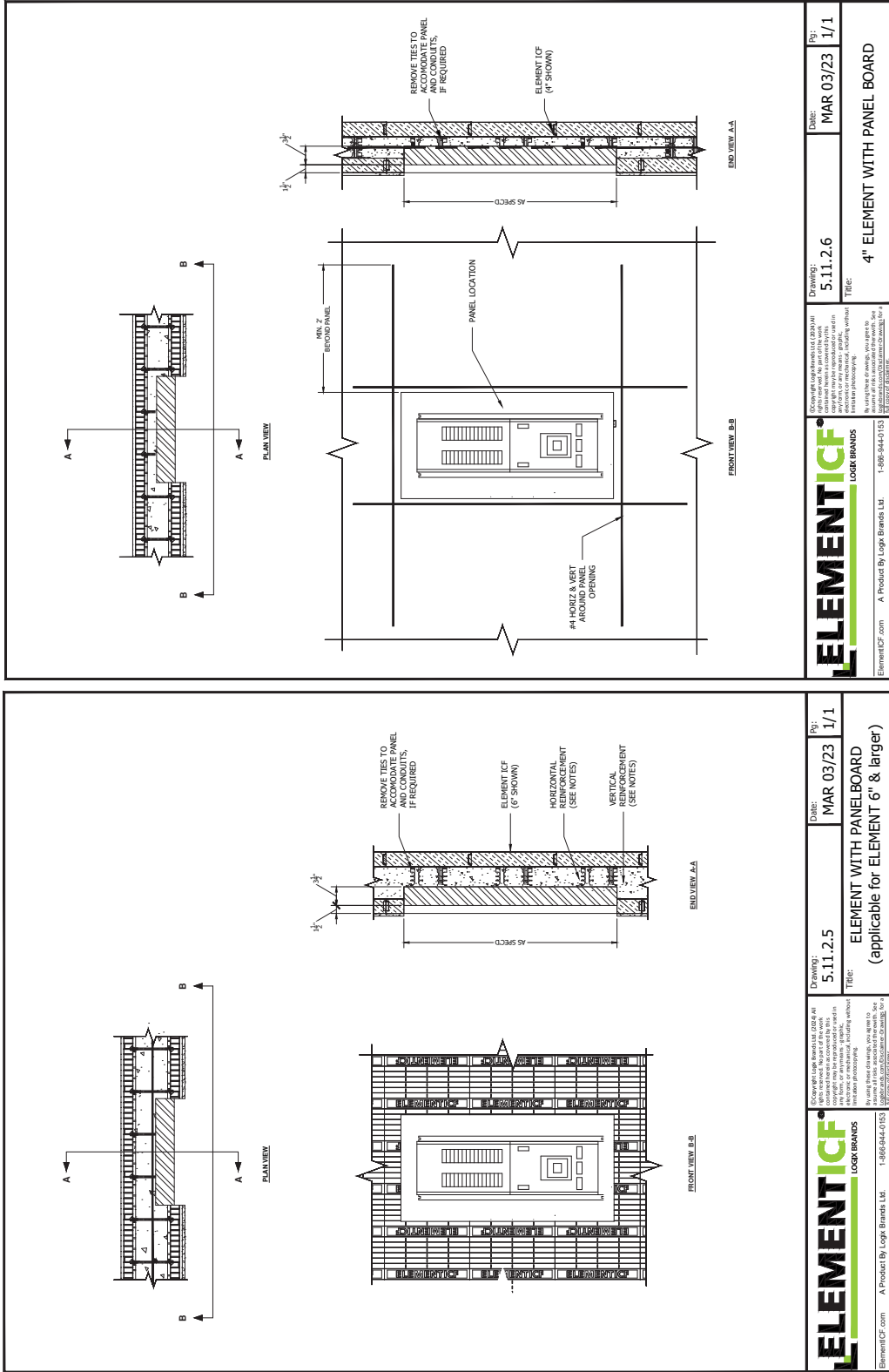


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

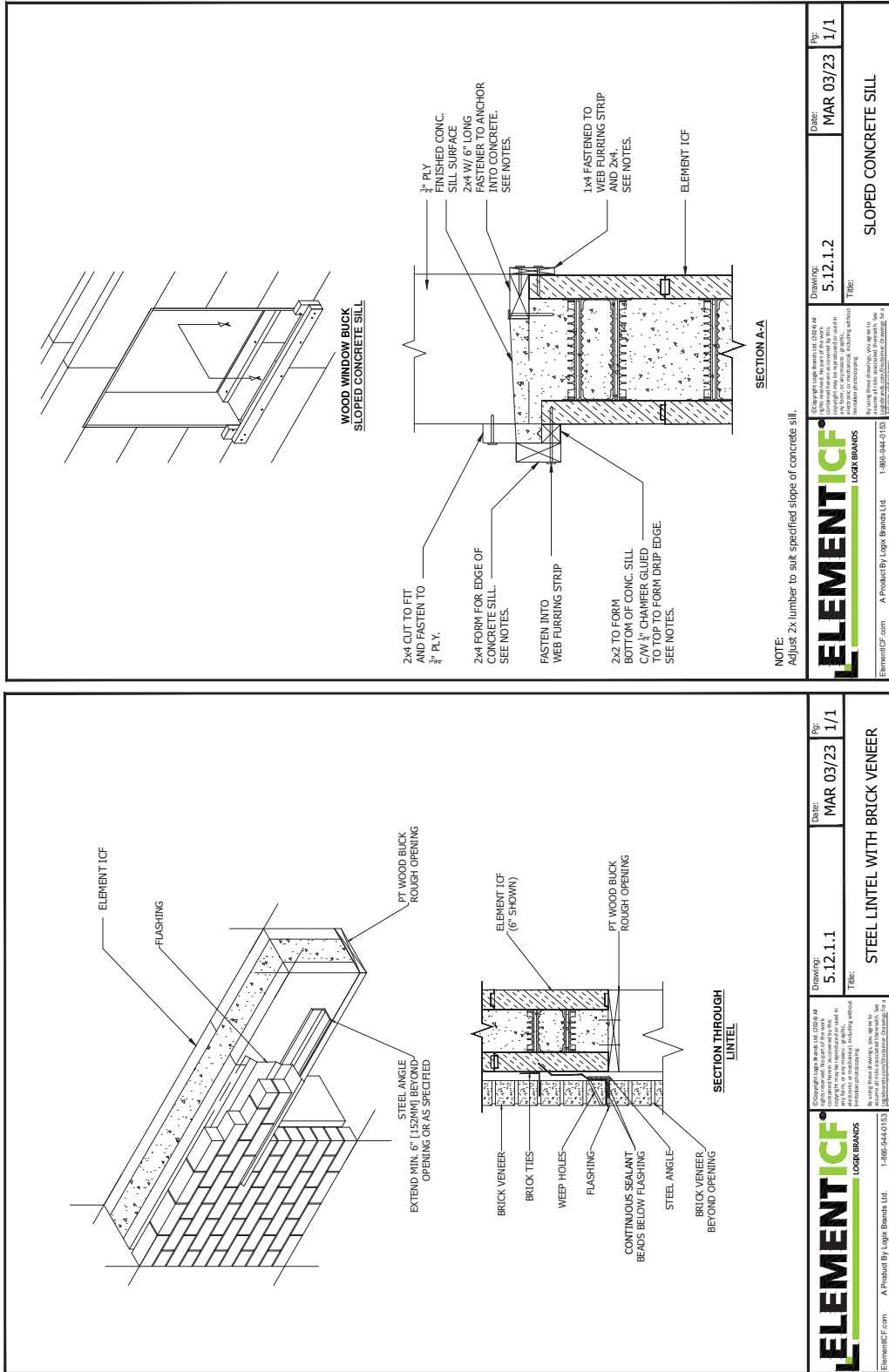
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	2/5/2024 12:46:15 PM	

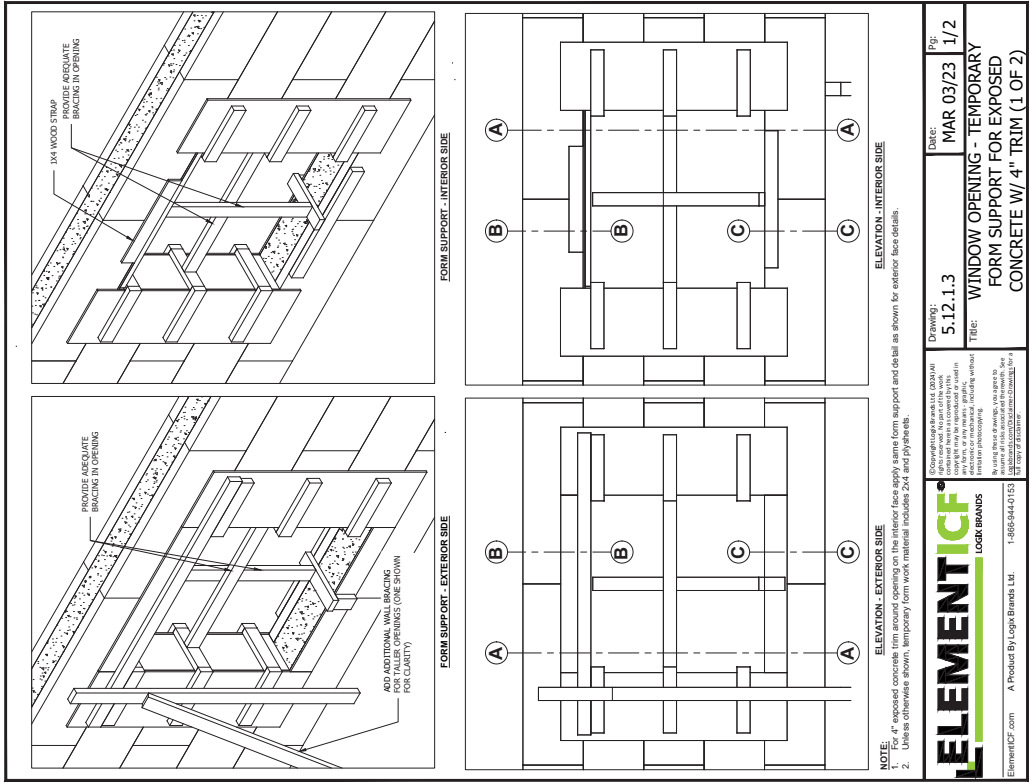
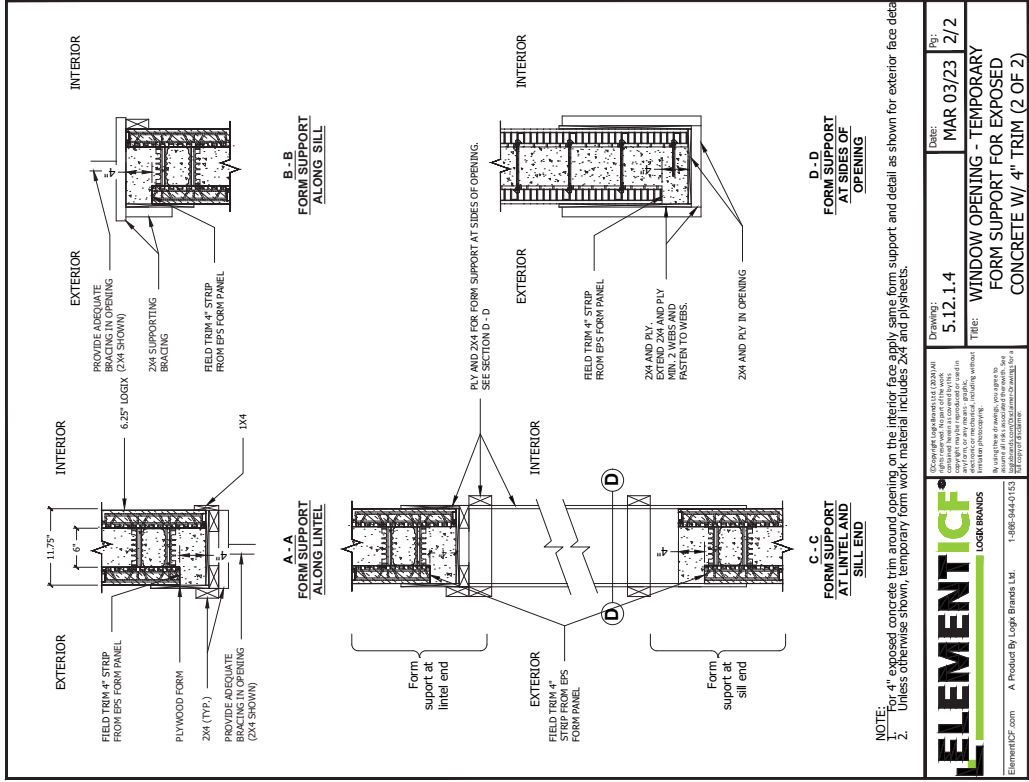
5.11 - ATTACHMENTS





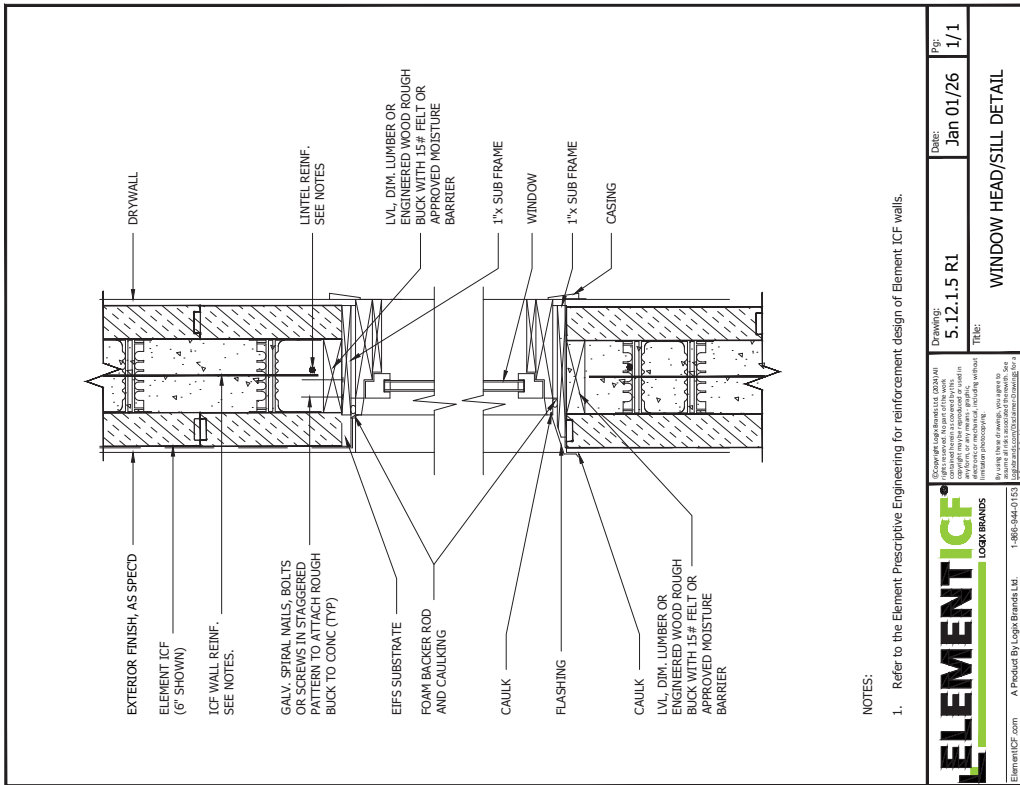
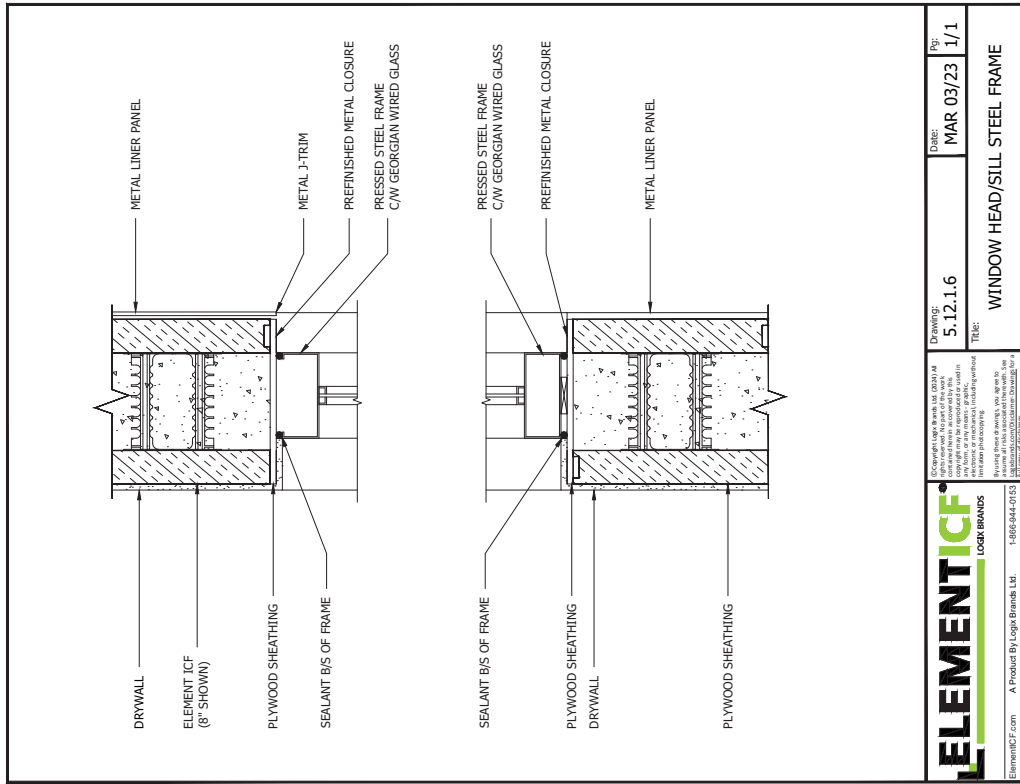
5.12 - WINDOW, DOOR & GARAGE OR BAY OPENINGS





	Drawing: 5.12.1.4 Date: MAR 03/23 Pp: 2/2
	Title: WINDOW OPENING - TEMPORARY FORM SUPPORT FOR EXPOSED CONCRETE W/ 4" TRIM (2 OF 2)
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	Drawing: 5.12.1.3 Date: MAR 03/23 Pp: 1/2
	Title: WINDOW OPENING - TEMPORARY FORM SUPPORT FOR EXPOSED CONCRETE W/ 4" TRIM (1 OF 2)
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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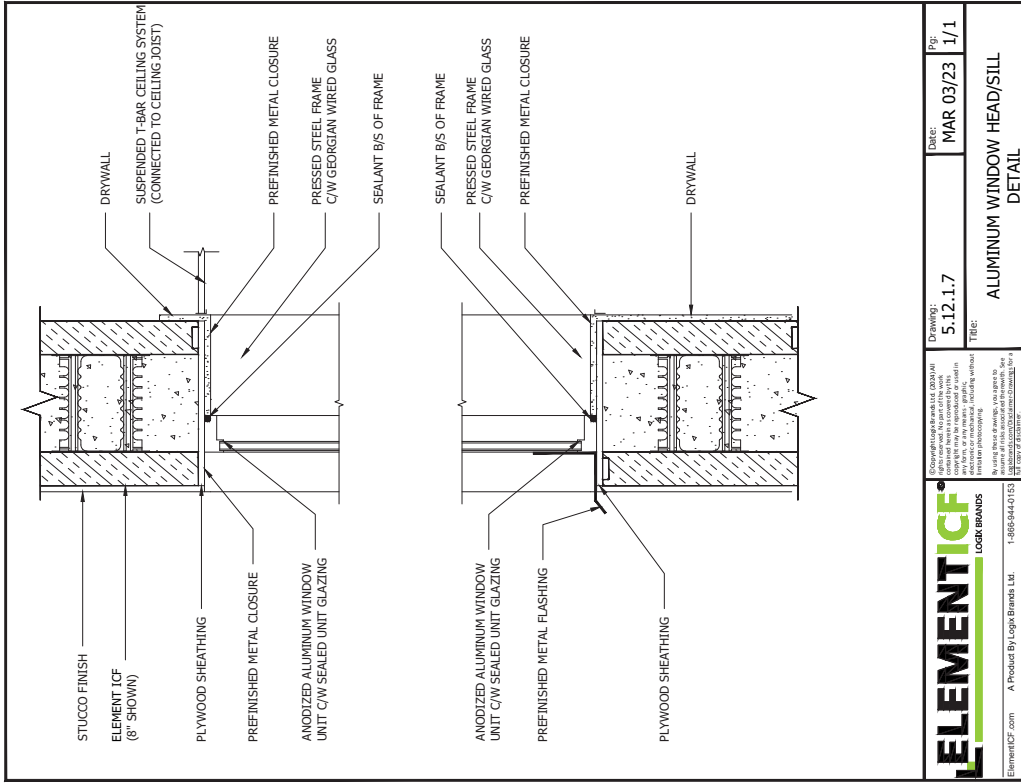
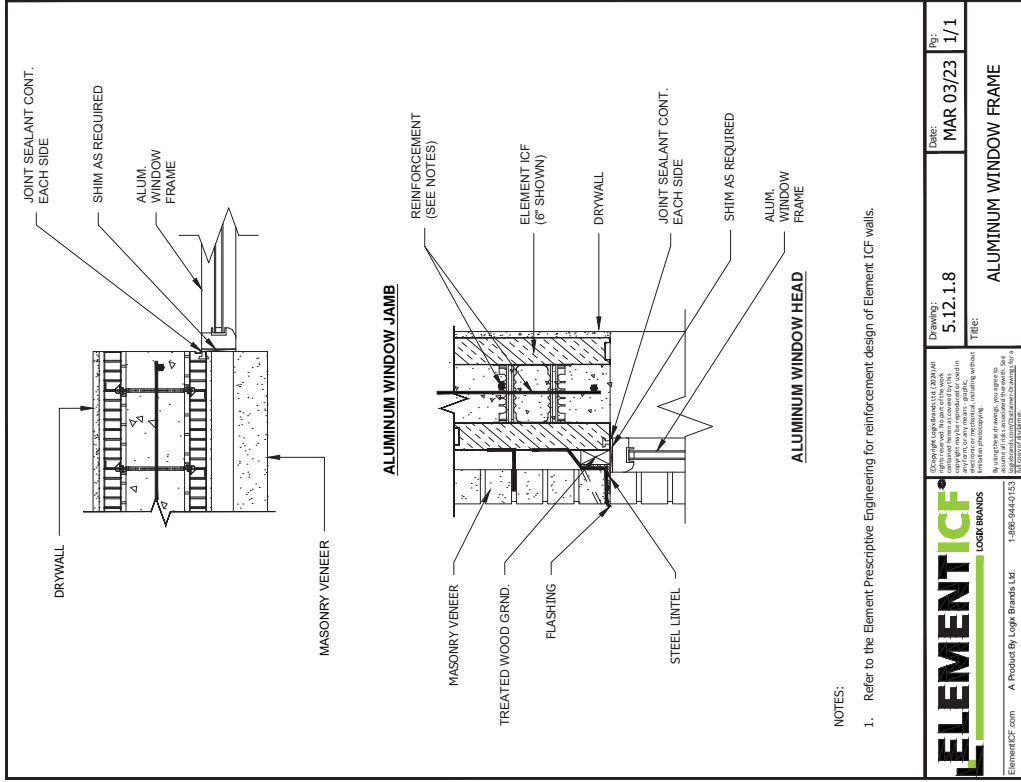
Drawing: 5.12.1.6
Date: MAR 03/23
Page: 1/1
Title: WINDOW HEAD/SILL STEEL FRAME

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Drawing: 5.12.1.5 R1
Date: Jan 01/26
Page: 1/1
Title: WINDOW HEAD/SILL DETAIL



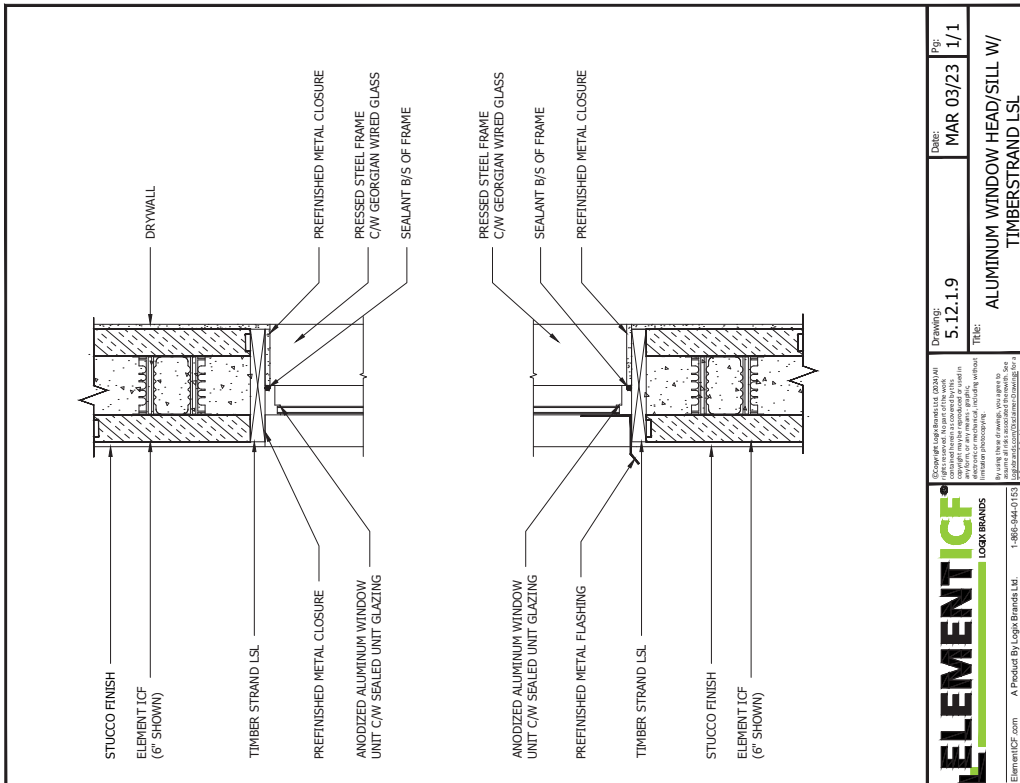
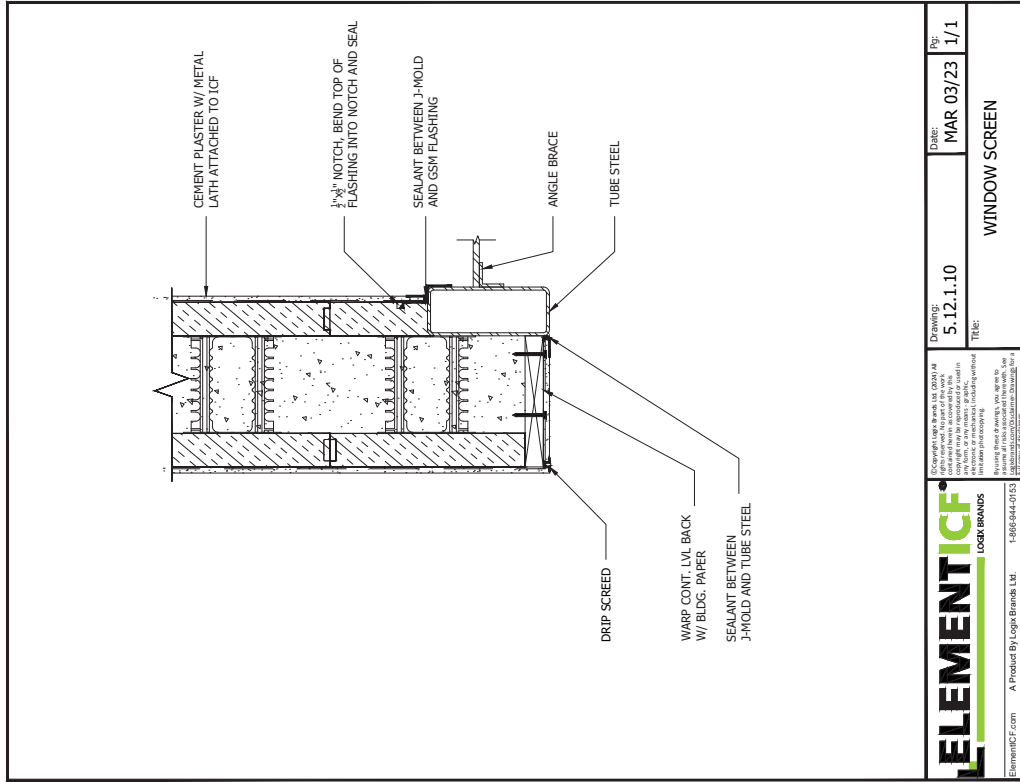
NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.12.1.8 Title: ALUMINUM WINDOW FRAME	Date: MAR 03/23 Pp: 1/1
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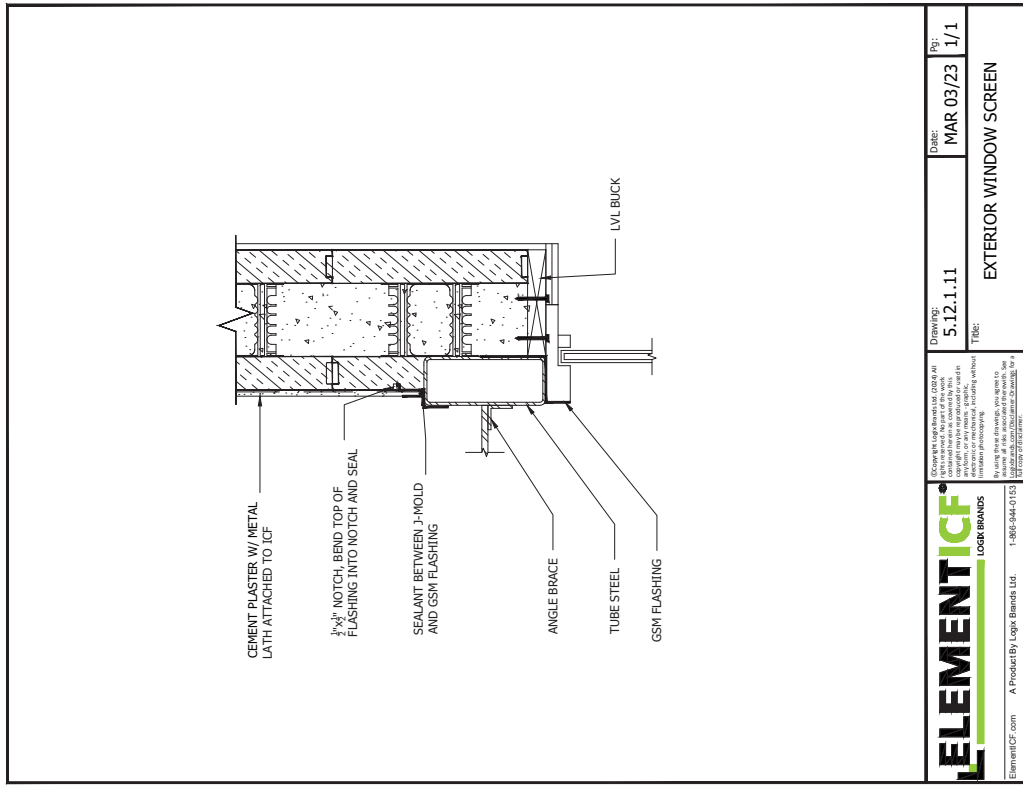
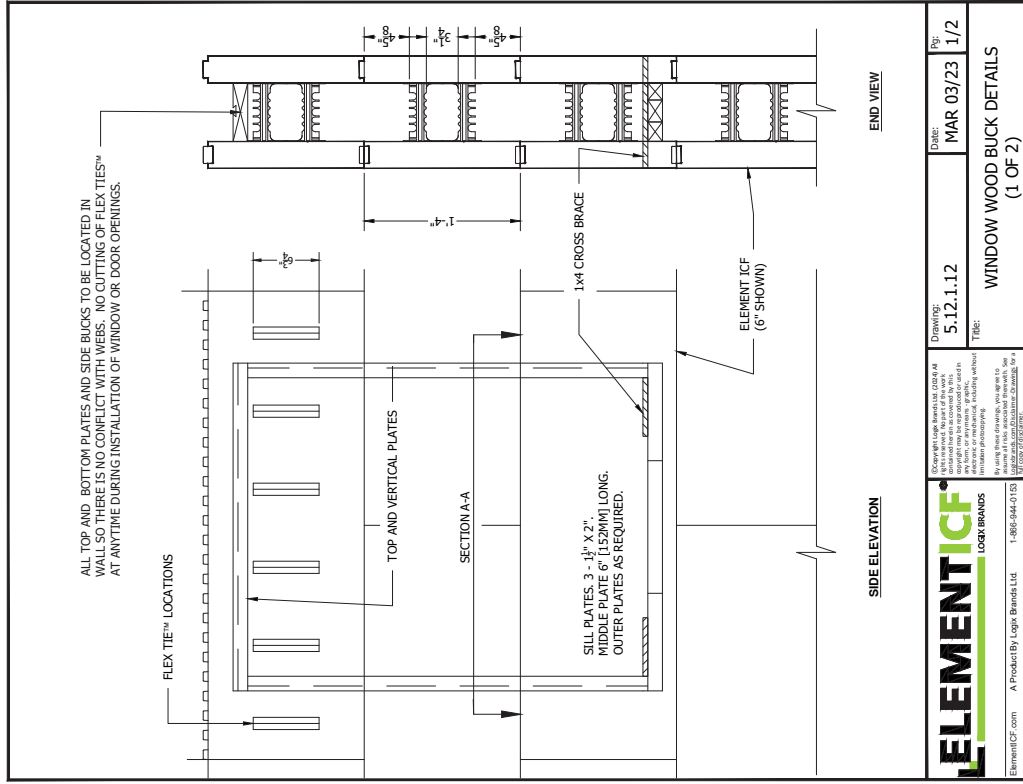
	Drawing: 5.12.1.7 Title: ALUMINUM WINDOW HEAD/SILL DETAIL	Date: MAR 03/23 Pp: 1/1
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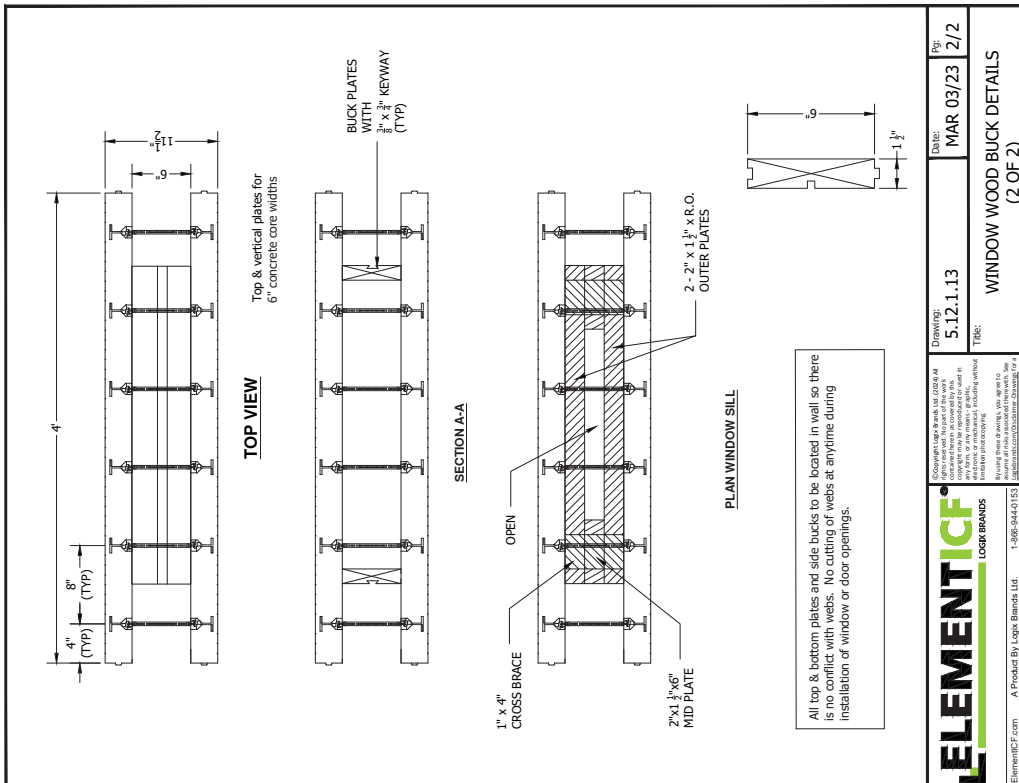
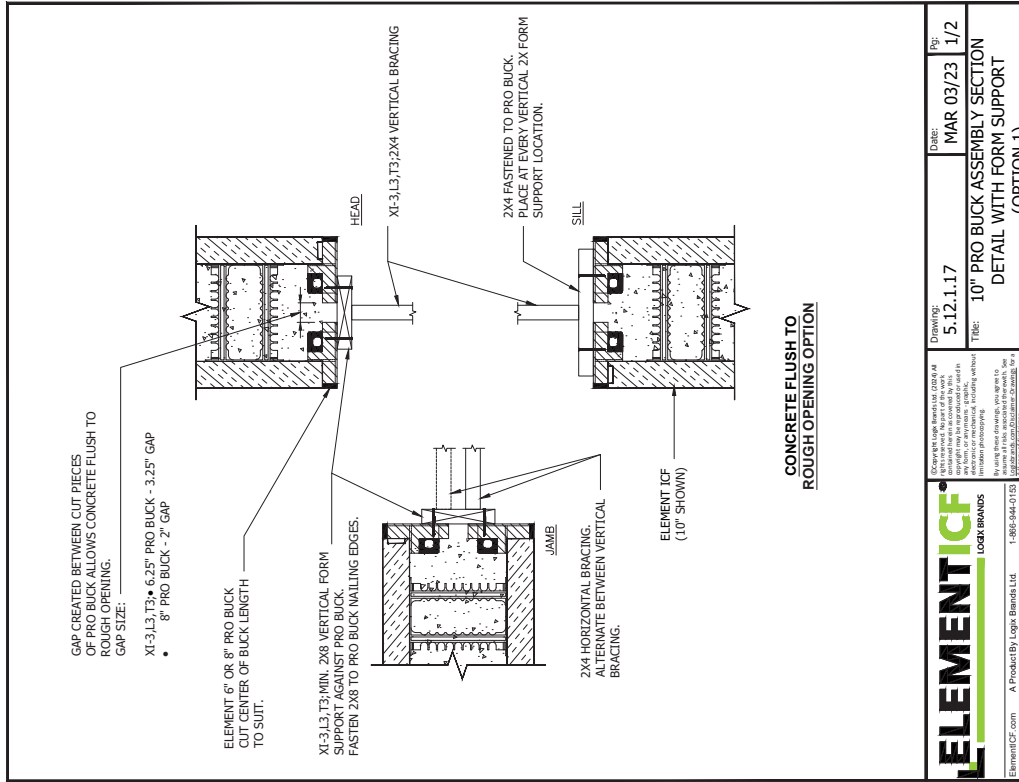


5.12 - WINDOWS

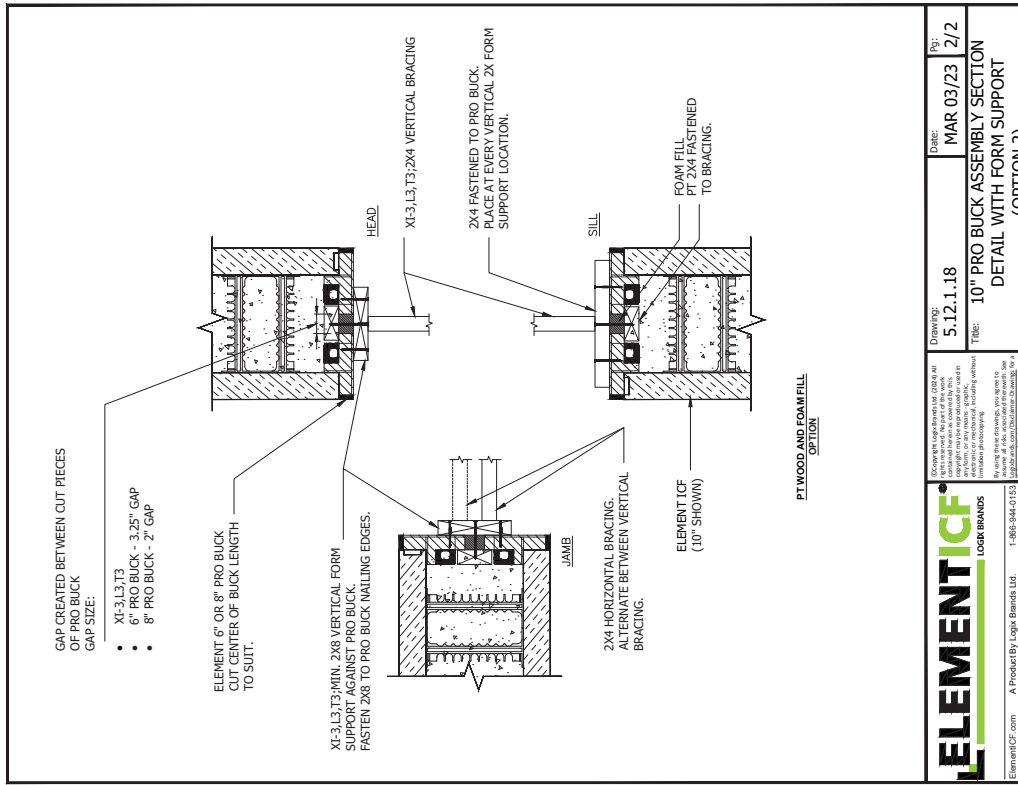
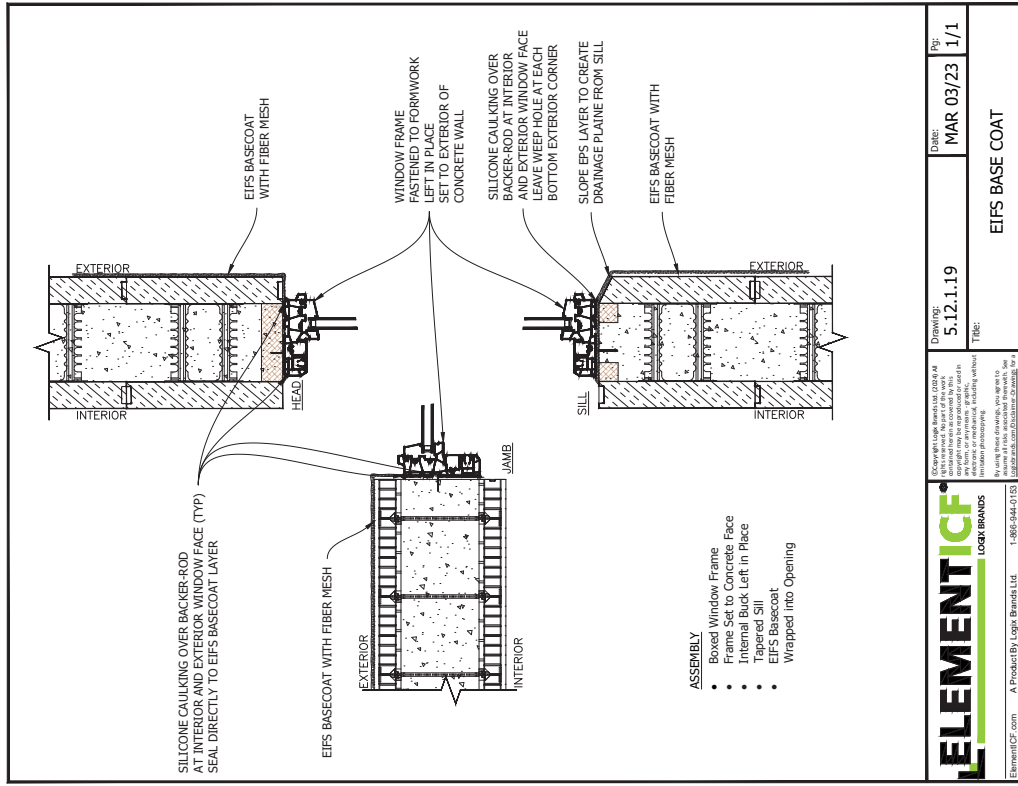


	Drawing: 5.12.1.12 Title: WINDOW WOOD BUCK DETAILS (1 OF 2)	Date: MAR 03/23 Rev: 1/2
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	Drawing: 5.12.1.11 Title: EXTERIOR WINDOW SCREEN	Date: MAR 03/23 Rev: 1/1
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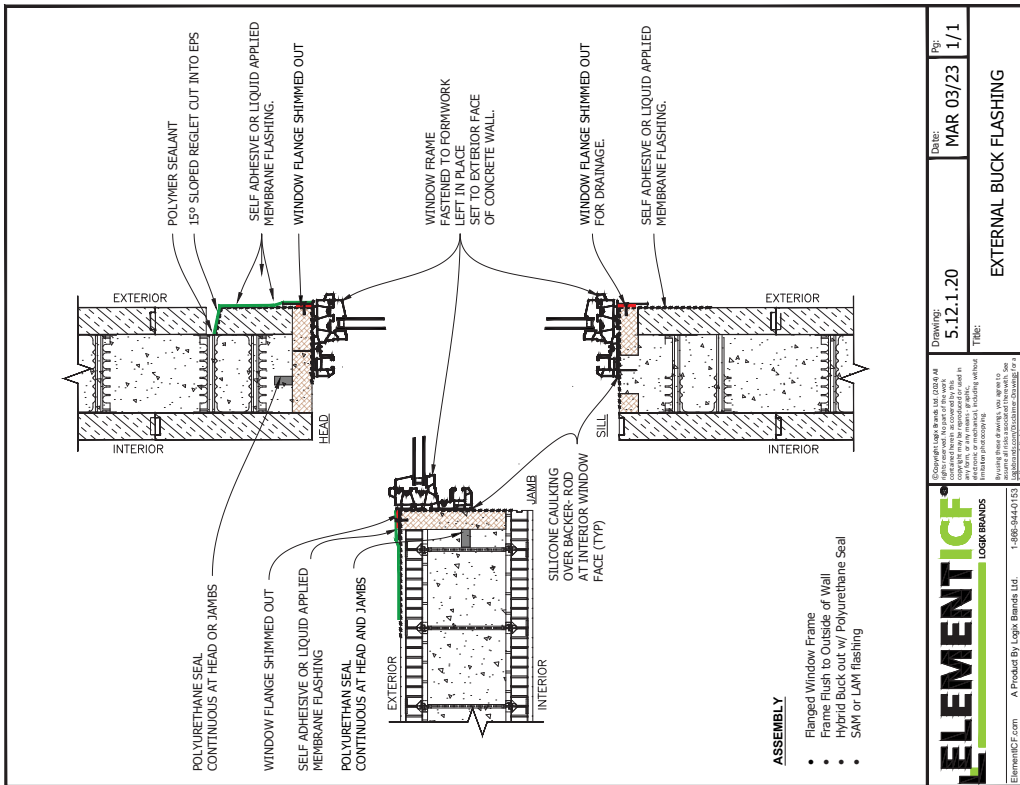
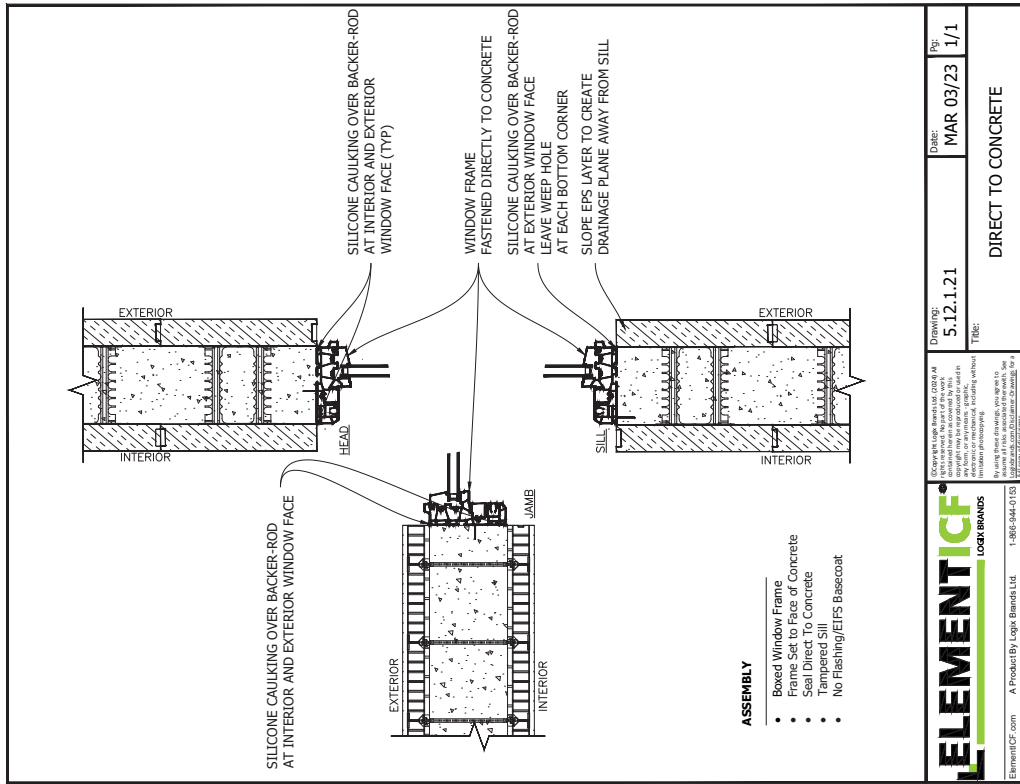


5.12 - WINDOWS



	Drawing: 5.12.1.19 Title: EIFS BASE COAT	Date: MAR 03/23 Rev: 1/1
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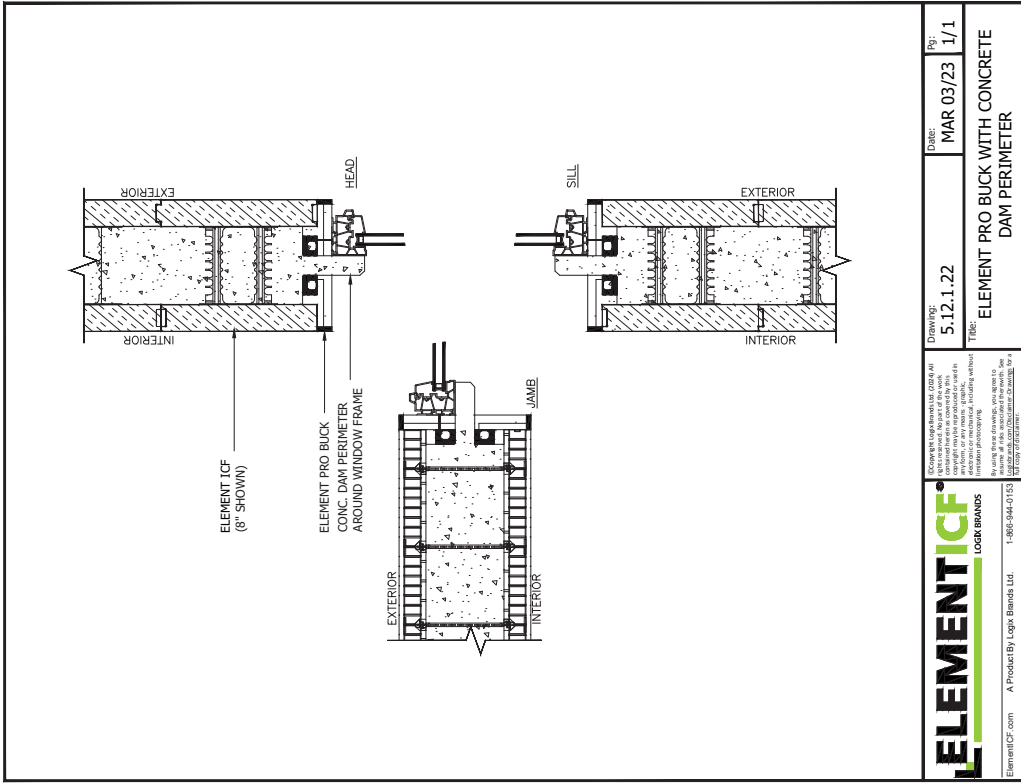
	Drawing: 5.12.1.18 Title: 10" PRO BUCK ASSEMBLY SECTION DETAIL WITH FORM SUPPORT (OPTION 2)	Date: MAR 03/23 Rev: 2/2
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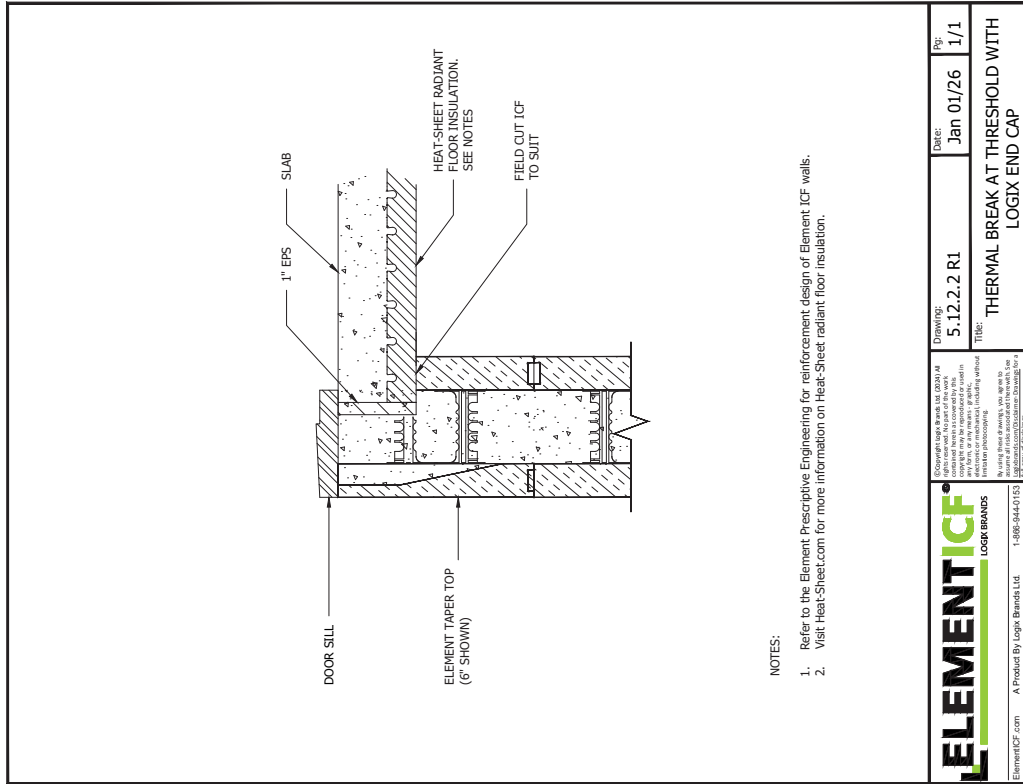
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5.12 - WINDOWS



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	Title: ELEMENT PRO BUCK WITH CONCRETE DAM PERIMETER		
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.

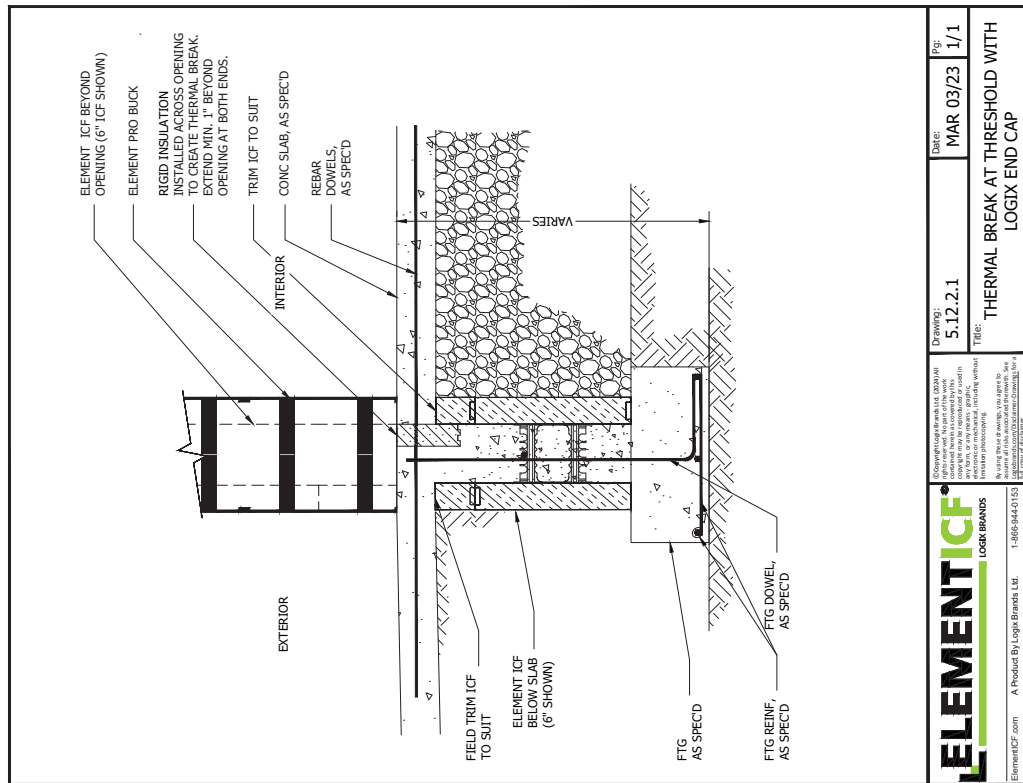
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Drawing: 5.12.2.2 R1 Date: Jan 01/26 Pg: 1/1

THRESHOLD WITH LOGIX END CAP



ELEMENT ICF
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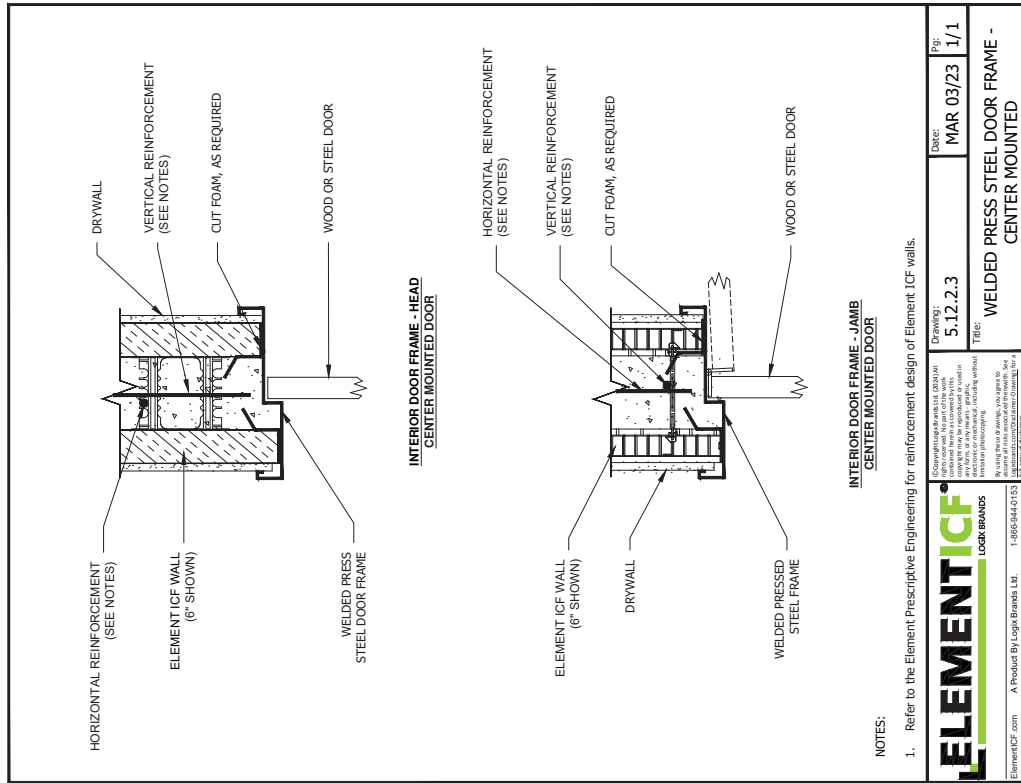
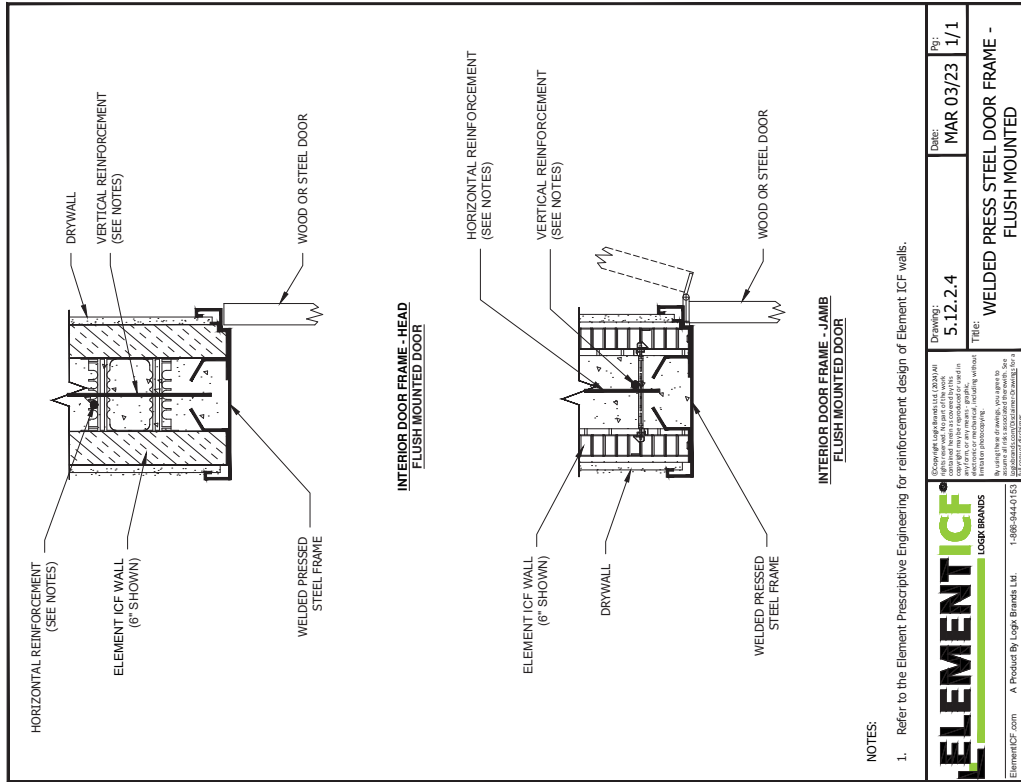
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Drawing: 5.12.2.1 Date: MAR 03/23 Pg: 1/1

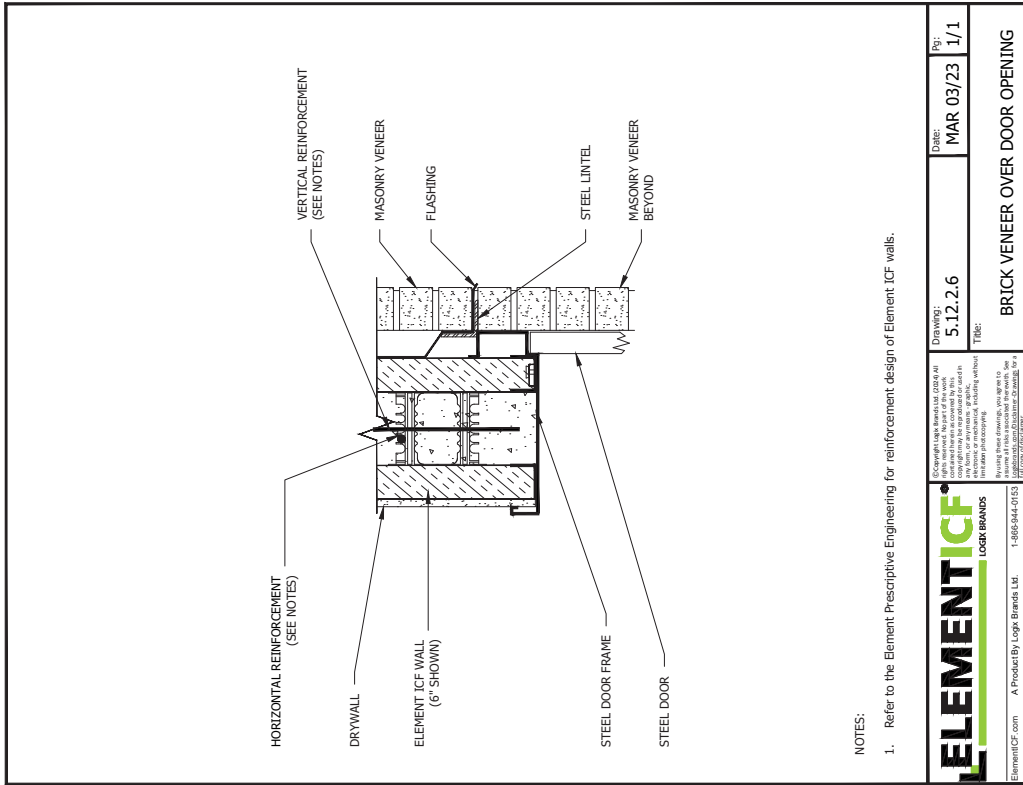
THRESHOLD WITH LOGIX END CAP

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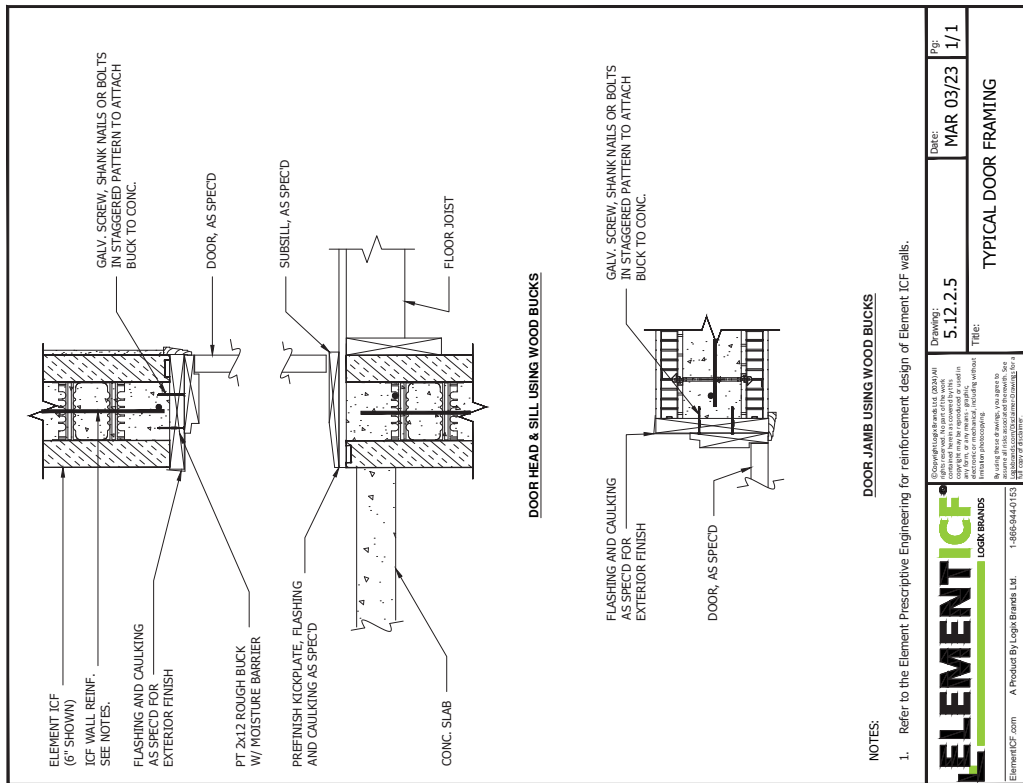
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.12.2.6 Date: MAR 03/23 Pp: 1/1
	Title: BRICK VENEER OVER DOOR OPENING

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DOOR JAMB USING WOOD BUCKS

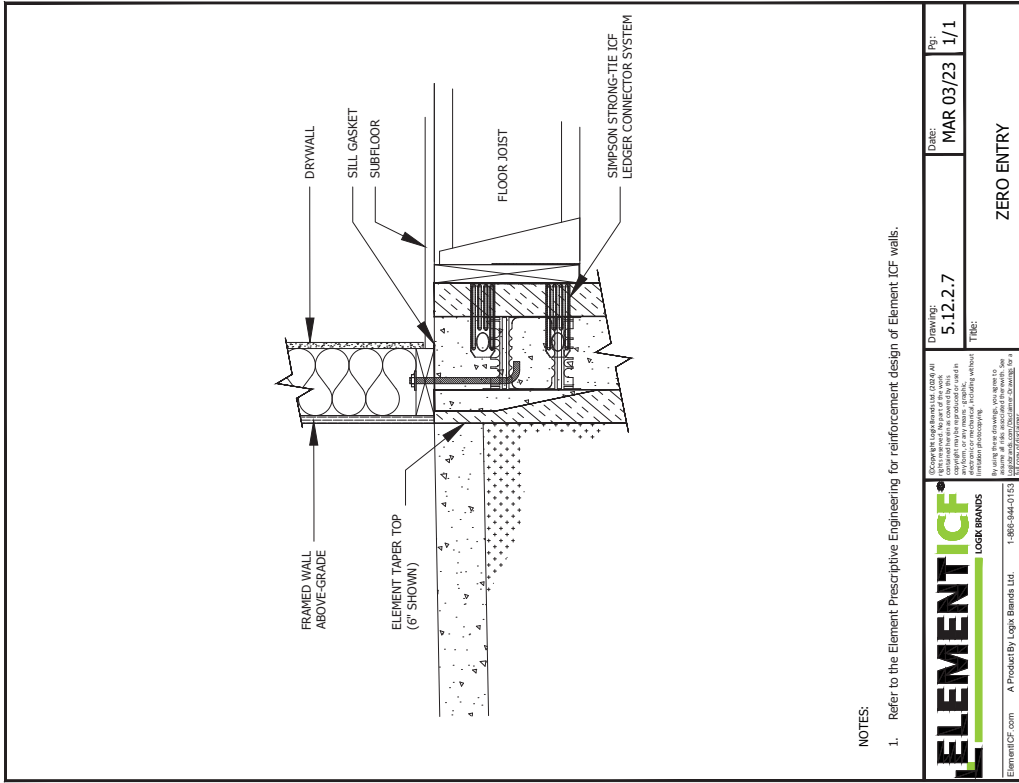
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.12.2.5 Date: MAR 03/23 Pp: 1/1
	Title: TYPICAL DOOR FRAMING

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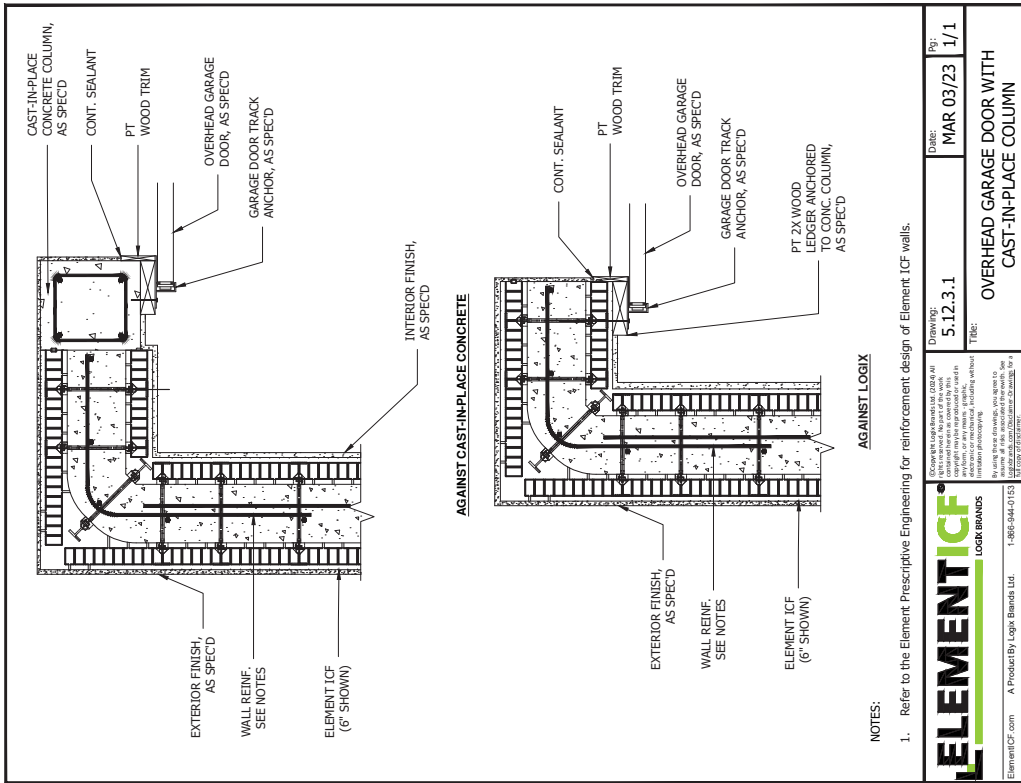
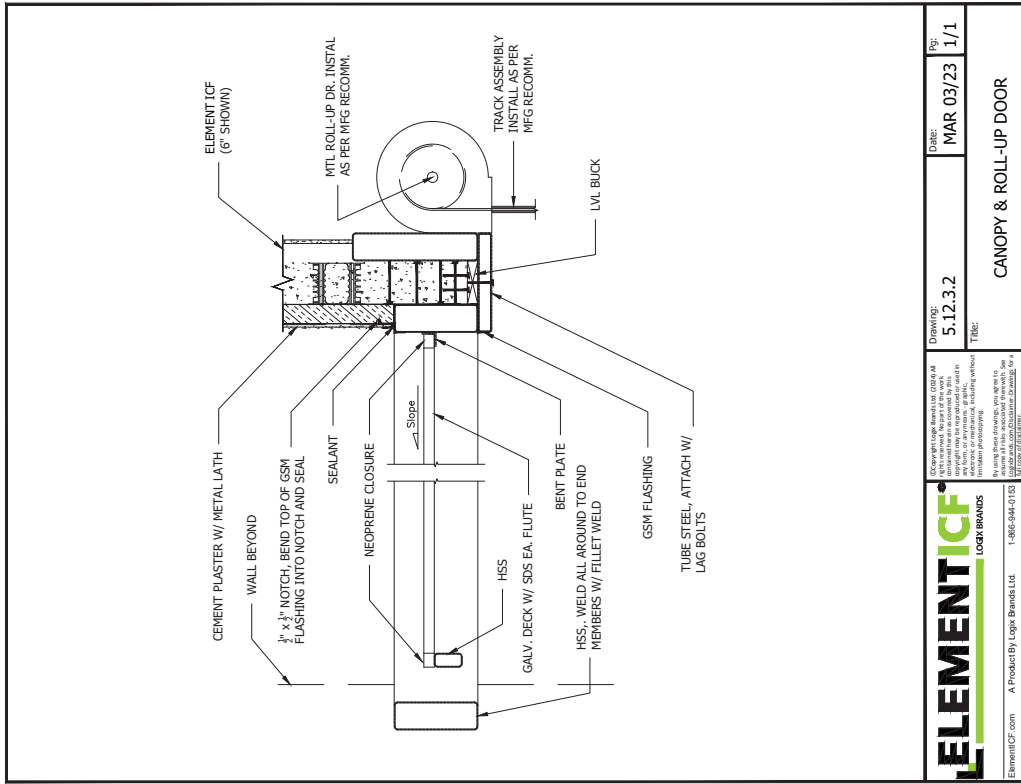
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.12.2.7	Date: MAR 03/23	By: 1/1
	ZERO ENTRY		

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23-2024 1.2.27.45 PM

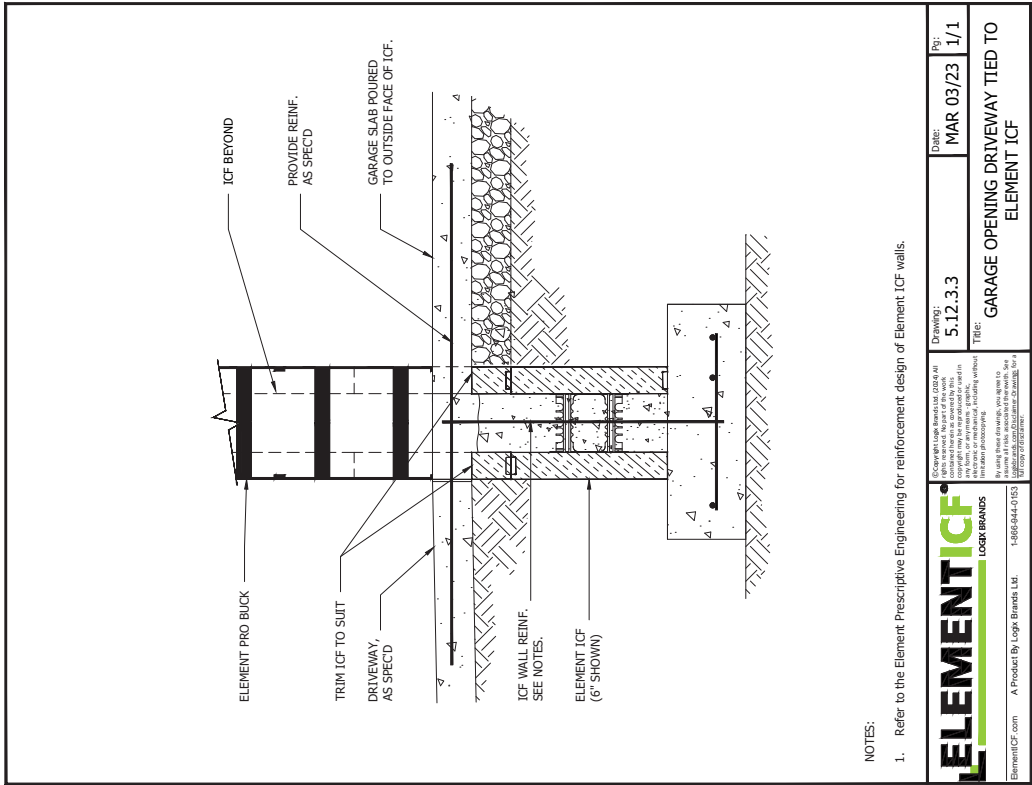
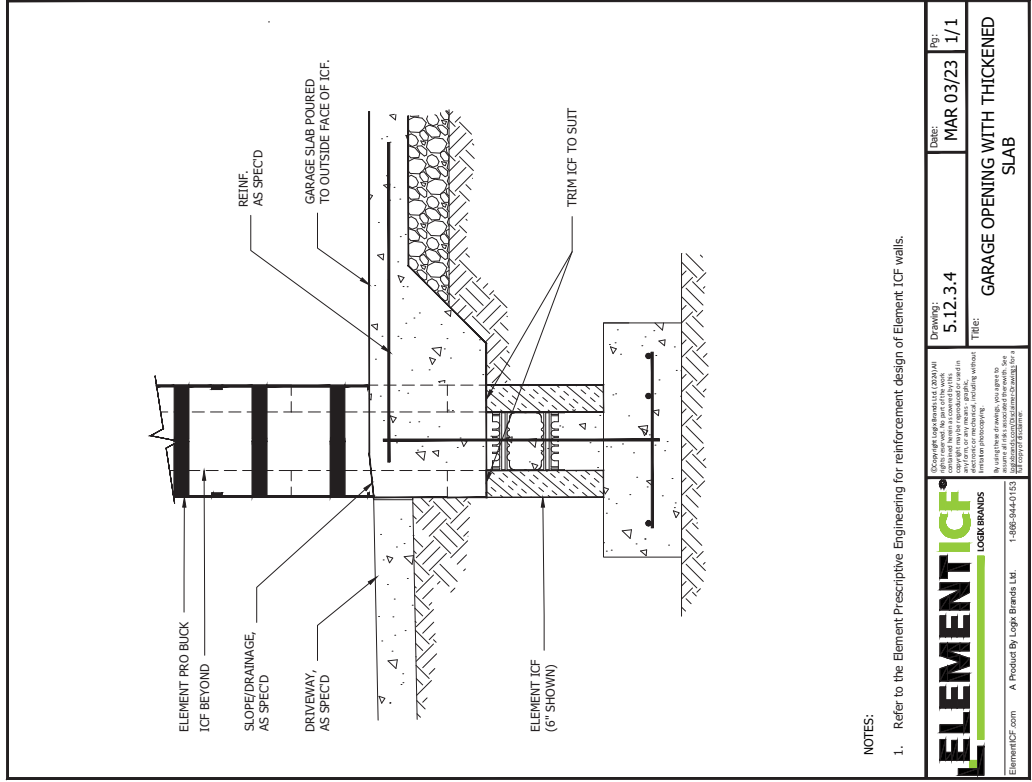


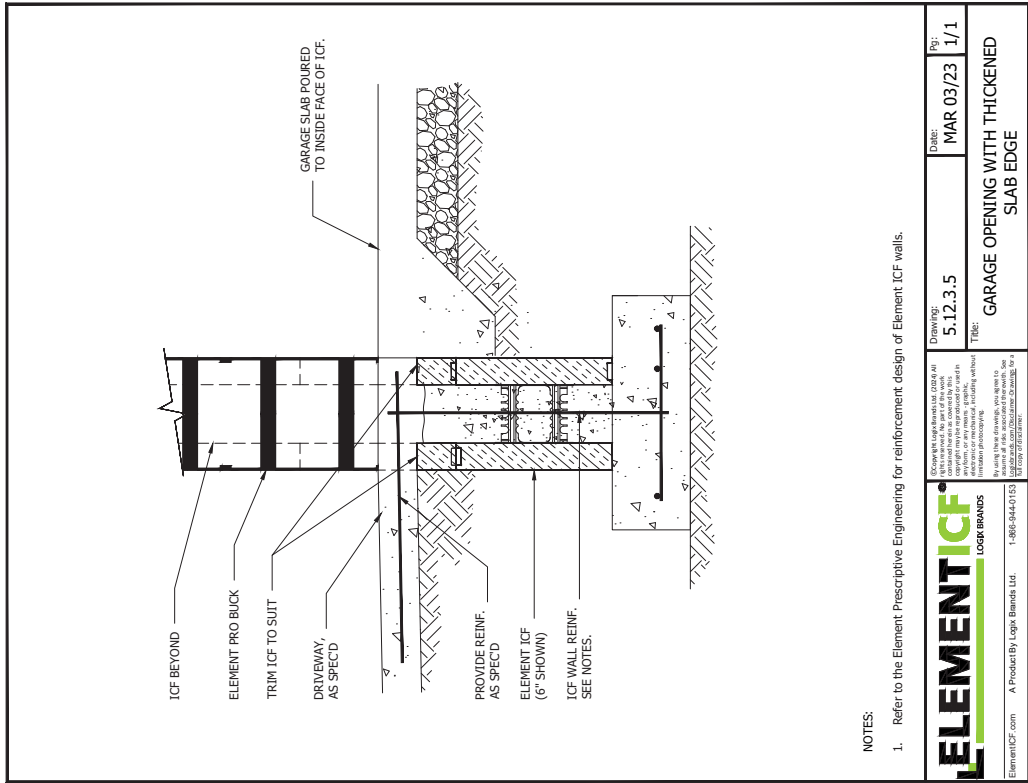
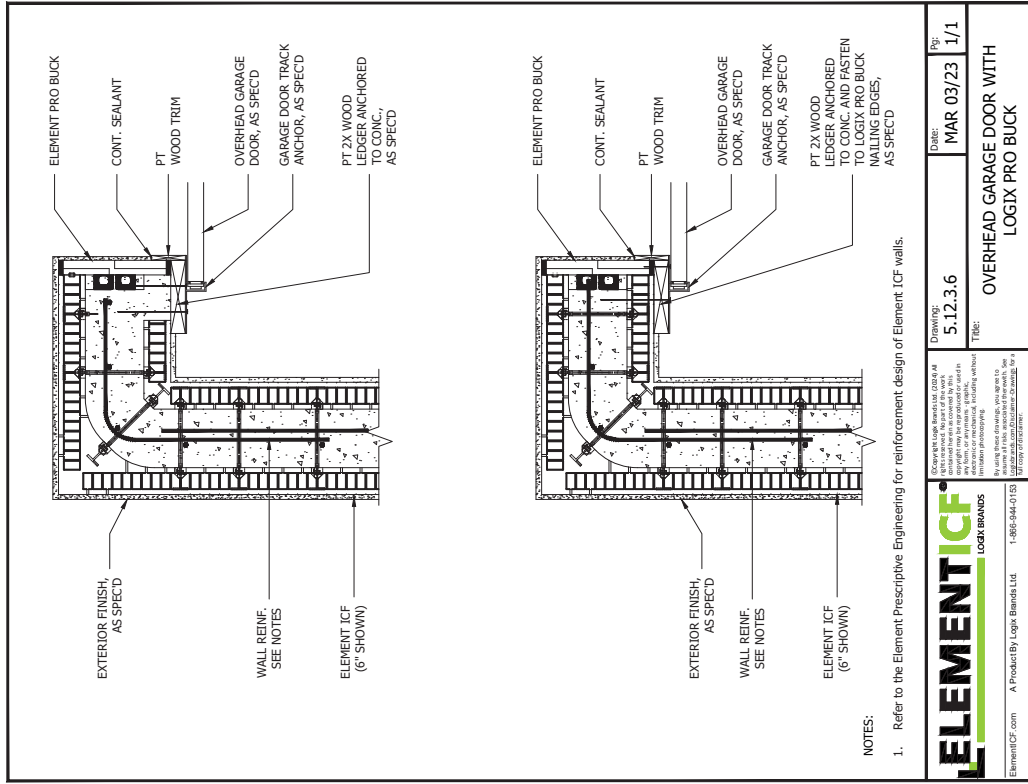
NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.12.3.2 Title: CANOPY & ROLL-UP DOOR	Date: MAR 03/23 Rev: 1/1
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	Drawing: 5.12.3.1 Title: OVERHEAD GARAGE DOOR WITH CAST-IN-PLACE COLUMN	Date: MAR 03/23 Rev: 1/1
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5.12 - GARAGE OR BAY DOORS





<p>ElementICF.com A Product By Logix Brands Ltd. 1-800-944-0153</p>	Drawing: 5.12.3.6 Title: OVERHEAD GARAGE DOOR WITH LOGIX PRO BUCK	Date: MAR 03/23 Rev: 1/1
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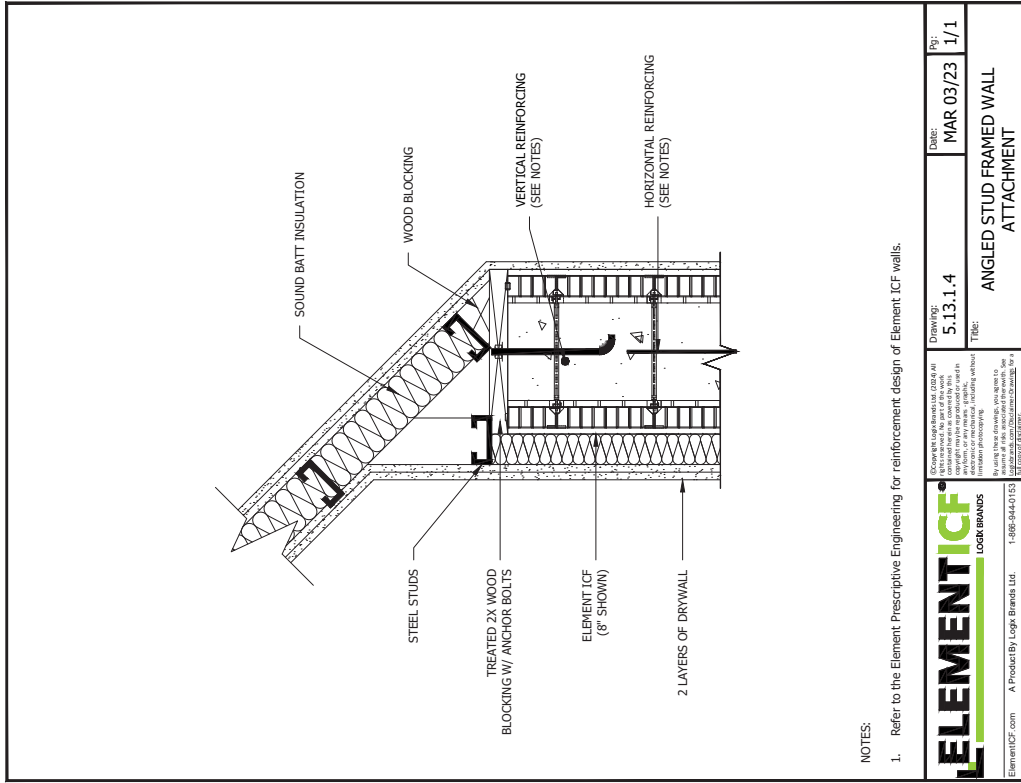
<p>ElementICF.com A Product By Logix Brands Ltd. 1-800-944-0153</p>	Drawing: 5.12.3.5 Title: GARAGE OPENING WITH THICKENED SLAB EDGE	Date: MAR 03/23 Rev: 1/1
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5.13 - WALL-TO-WALL CONNECTIONS

5.13 - FRAMED WALLS

<p>INTERIOR LOGIX WALL TO INTERIOR STUD FRAMED WALLS</p>	<p>DATE: MAR 03/23 DRAWING NO: 5.13.1.1 TITLE: ATTACHMENT TO STUD FRAMED WALLS NO: 1/1</p> <p>ELEMENT ICF LOGIX BRANDS</p> <p>ElementICF.com A Product By Logix Brands Ltd. 1-888-944-0153</p> <p>25/03/24 12:42:00 PM</p>
<p>INTERIOR LOGIX WALL TO EXTERIOR STUD FRAMED WALLS</p>	<p>DATE: MAR 03/23 DRAWING NO: 5.13.1.2 TITLE: STUD WALL CLOSURE ATTACHMENT NO: 1/1</p> <p>ELEMENT ICF LOGIX BRANDS</p> <p>ElementICF.com A Product By Logix Brands Ltd. 1-888-944-0153</p> <p>25/03/24 12:41:46 PM</p>

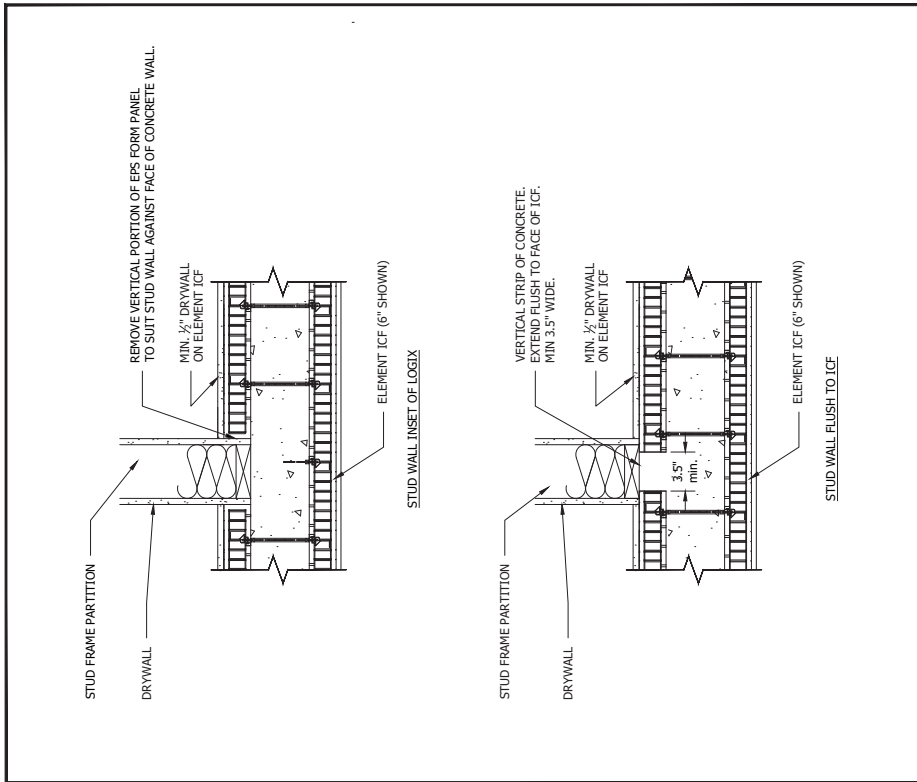
NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

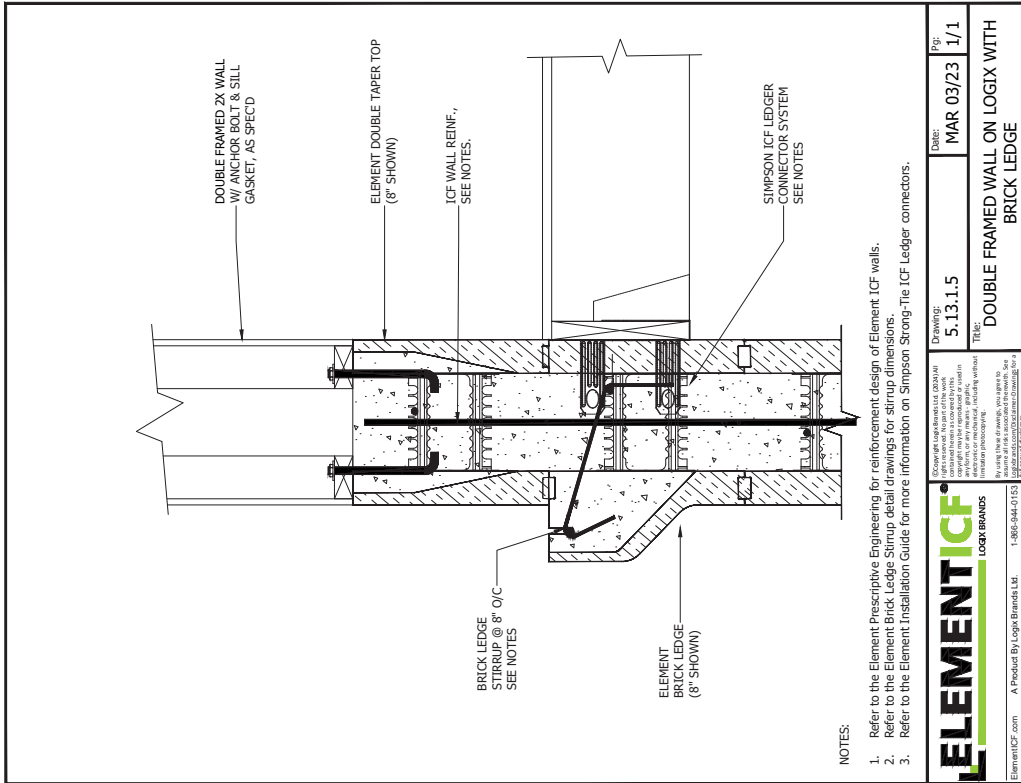
	Drawing: 5.13.1.4 Title: ANGLED STUD FRAMED WALL ATTACHMENT	Date: MAR 03/23 Rev: 1/1
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	Drawing: 5.13.1.3 Title: 1 HR FIRE RATED WALL DETAIL AT PARTITION/ICF WALL JOINT	Date: MAR 03/23 Rev: 1/1
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5.13 - FRAMED WALLS

5.13 - FRAMED WALLS

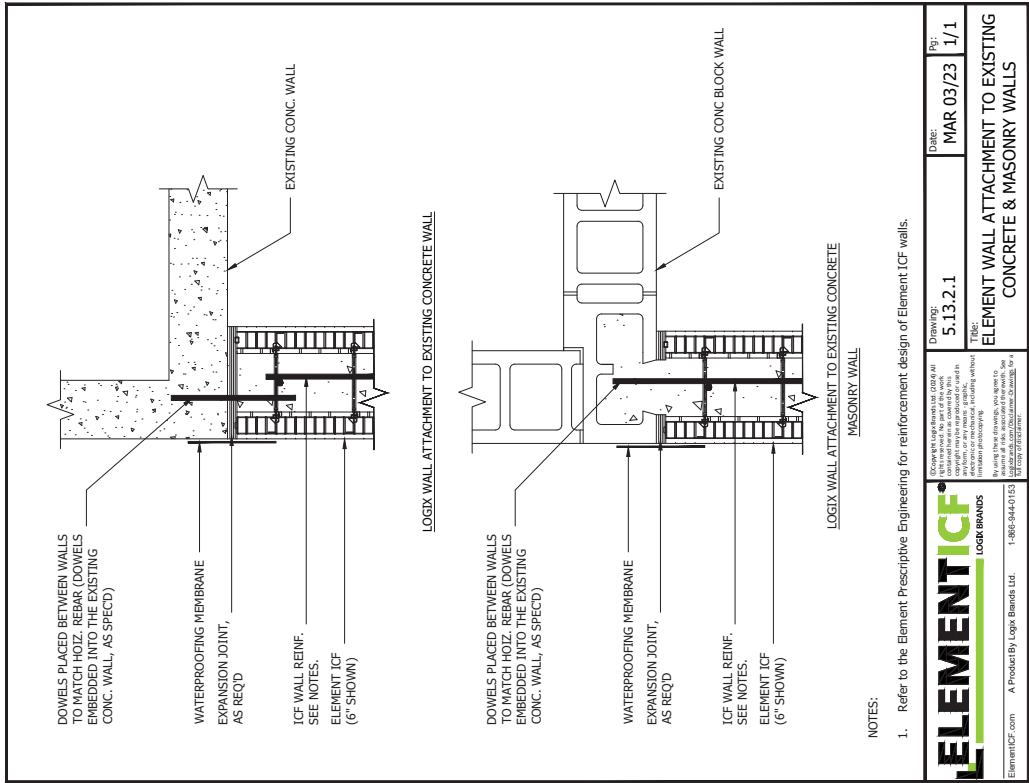
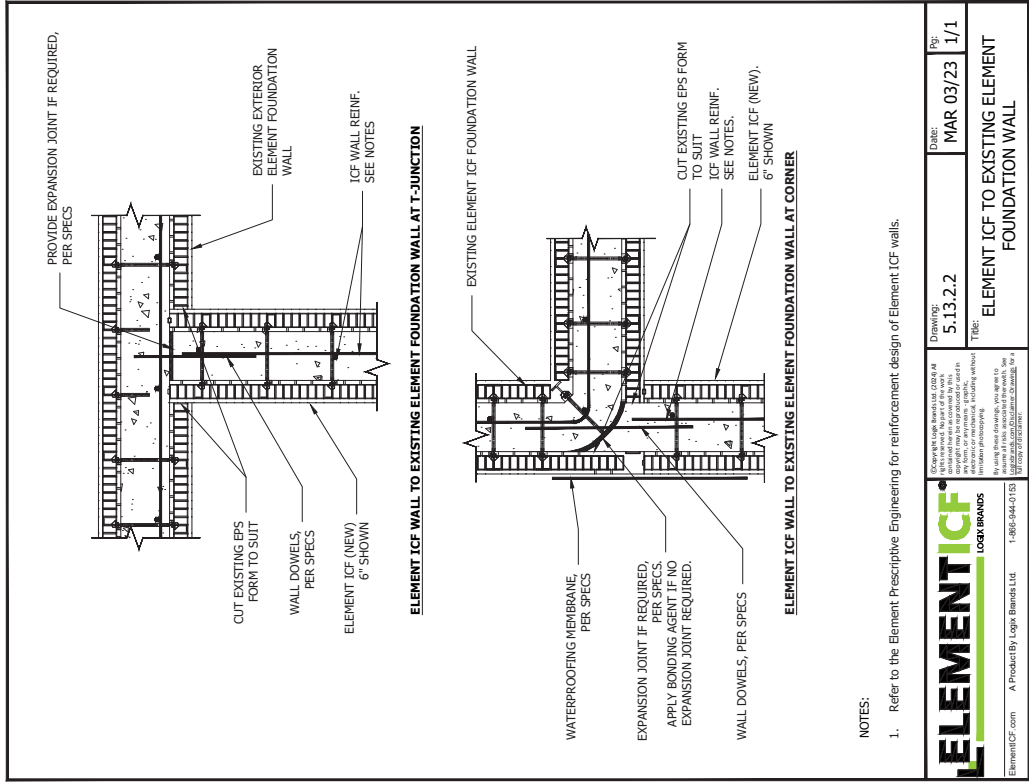


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Brick Ledge Stirrup detail drawings for stirrup dimensions.
3. Refer to the Element Installation Guide for more information on Simpson Strong-Tie ICF Ledger connectors.

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	<p>Title: DOUBLE FRAMED WALL ON LOGIX WITH BRICK LEDGE</p>			

25/2024 12:11:10 PM

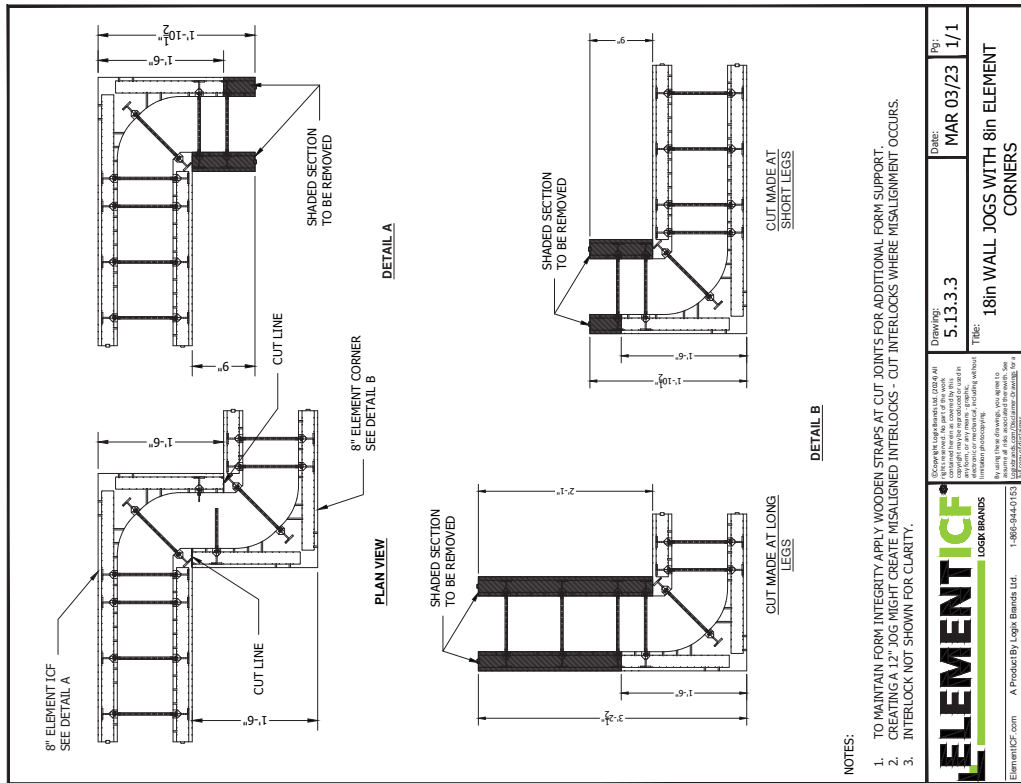


NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

NOTES:
1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

Drawing: 5.13.2.2
 Title: ELEMENT ICF TO EXISTING ELEMENT FOUNDATION WALL
 Date: MAR 03/23
 Page: 1/1
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Drawing: 5.13.2.1
 Title: ELEMENT WALL ATTACHMENT TO EXISTING CONCRETE & MASONRY WALLS
 Date: MAR 03/23
 Page: 1/1
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 2/2/2024 12:46:59 PM



NOTES:

1. TO MAINTAIN FORM INTEGRITY APPLY WOODEN STRAPS AT CUT JOINTS FOR ADDITIONAL FORM SUPPORT.
2. CREATING A 1/2" JOG MIGHT CREATE MISALIGNED INTERLOCKS - CUT INTERLOCKS WHERE MISALIGNMENT OCCURS.
3. INTERLOCK NOT SHOWN FOR CLARITY.

ELEMENT ICF
LOGIX BRANDS

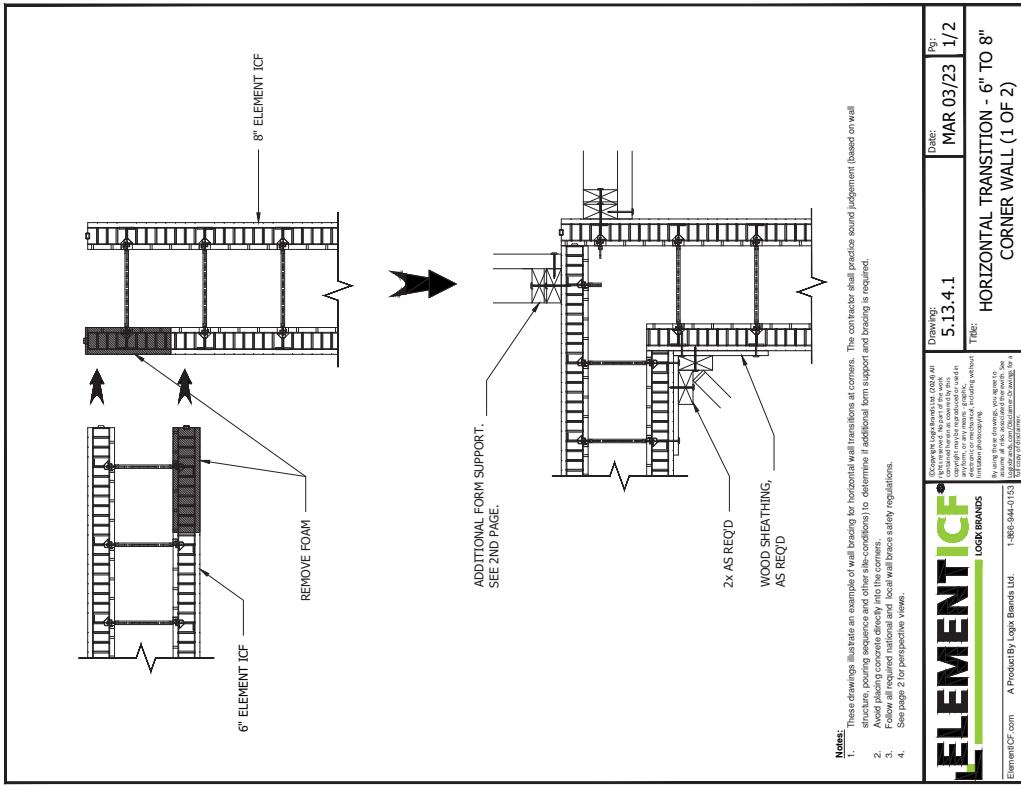
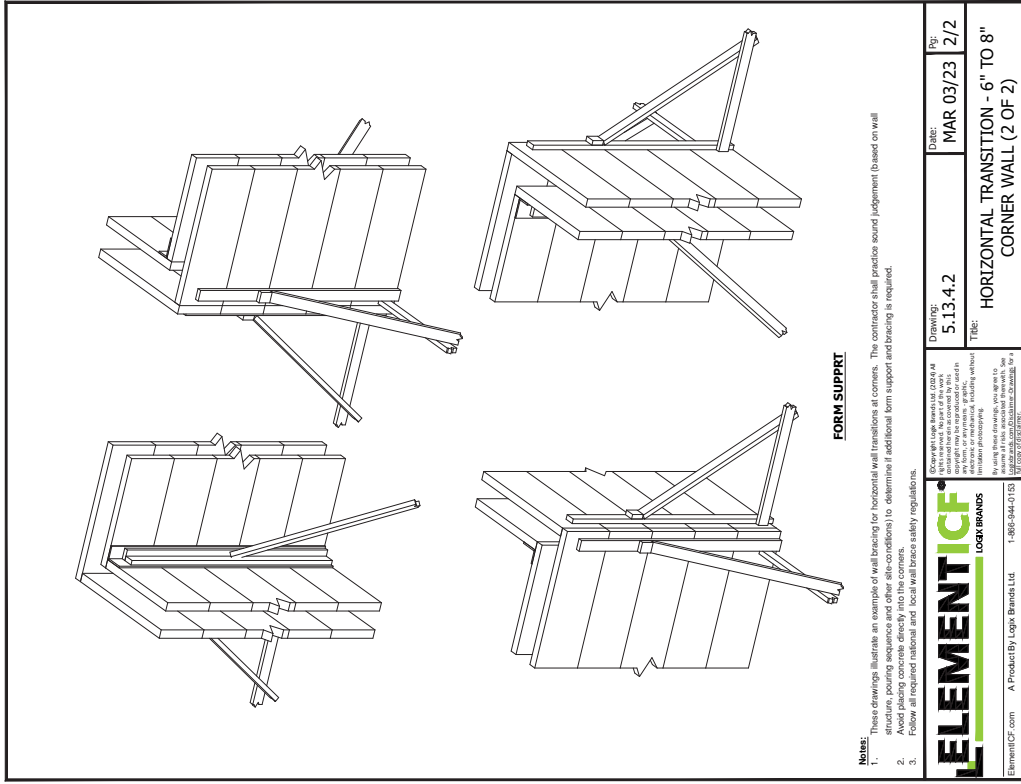
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Drawing:	5.13.3.3	Date:	MAR 03/23	Rev:	1/1
Title:	18in WALL JOGS WITH 8in ELEMENT CORNERS				

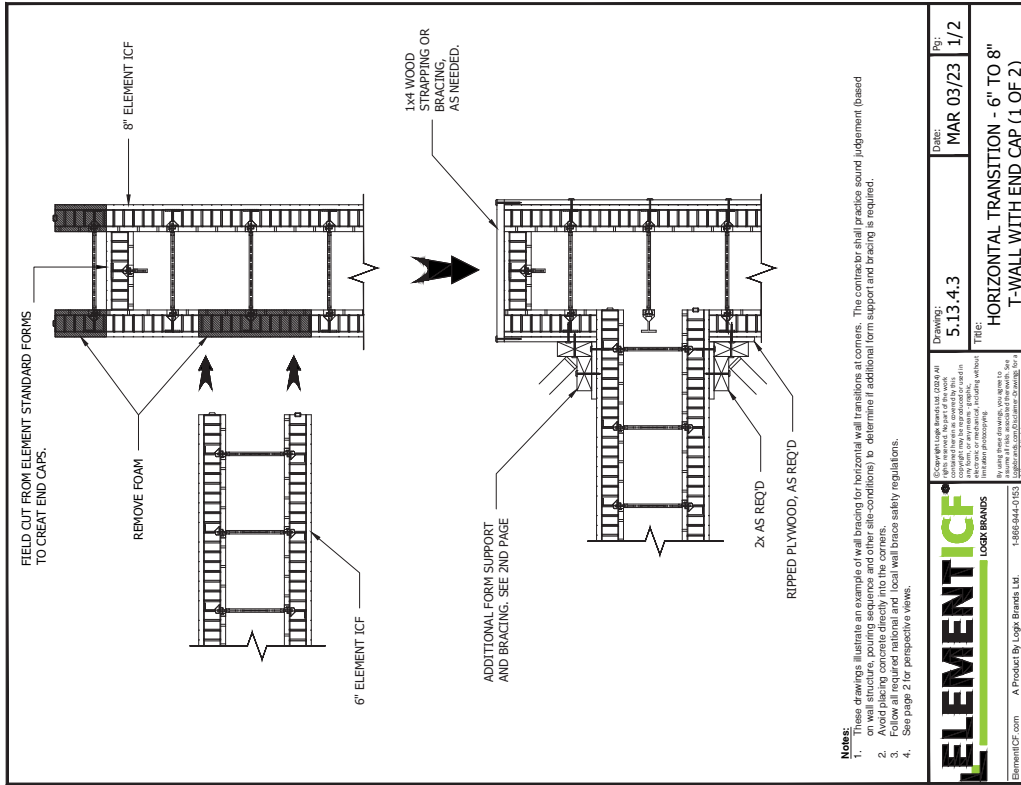
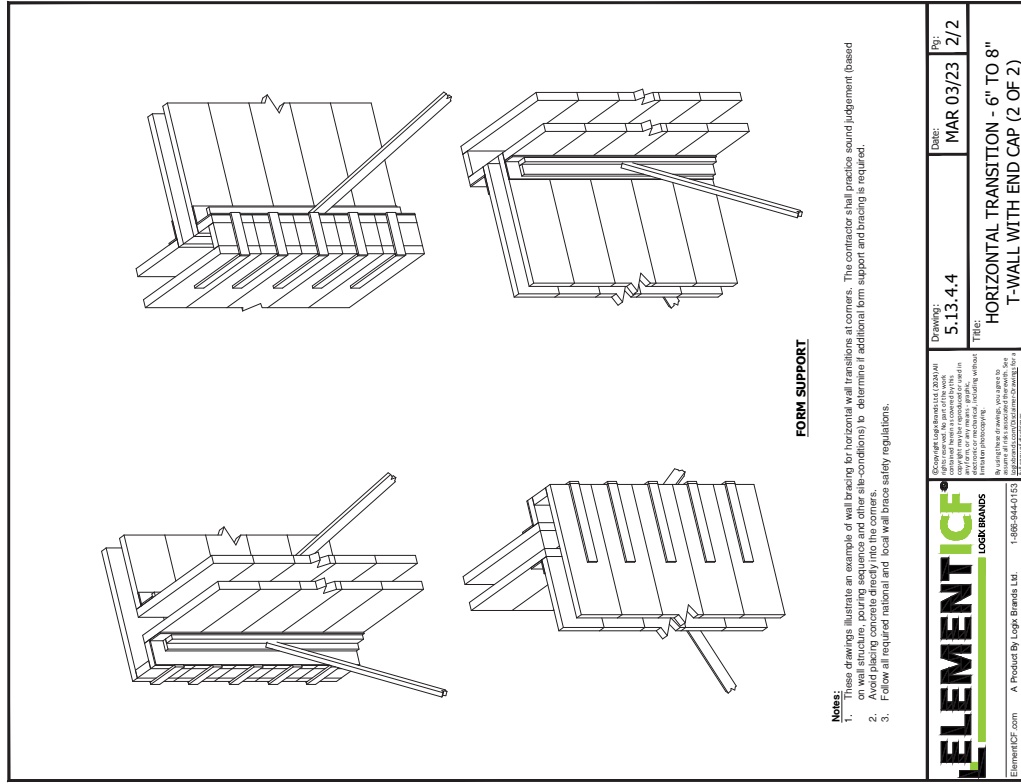
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5.13 - WALL TRANSITIONS



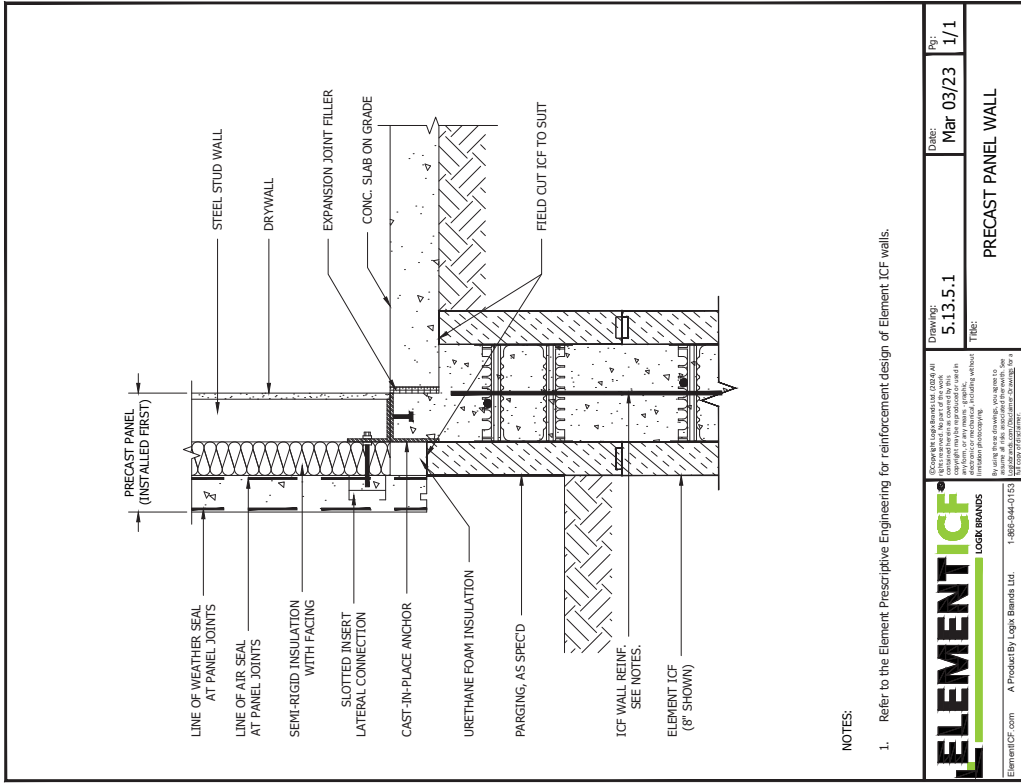
	Drawing: 5.13.4.2	Date: MAR 03/23	By: 2/2
	Title: HORIZONTAL TRANSITION - 6" TO 8" CORNER WALL (2 OF 2)		
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	Drawing: 5.13.4.1	Date: MAR 03/23	By: 1/2
	Title: HORIZONTAL TRANSITION - 6" TO 8" CORNER WALL (1 OF 2)		
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	Drawing: 5.13-4.4 Title: HORIZONTAL TRANSITION - 6" TO 8" T-WALL WITH END CAP (2 OF 2)	Date: MAR 03/23 Pp: 2/2
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	Drawing: 5.13-4.3 Title: HORIZONTAL TRANSITION - 6" TO 8" T-WALL WITH END CAP (1 OF 2)	Date: MAR 03/23 Pp: 1/2
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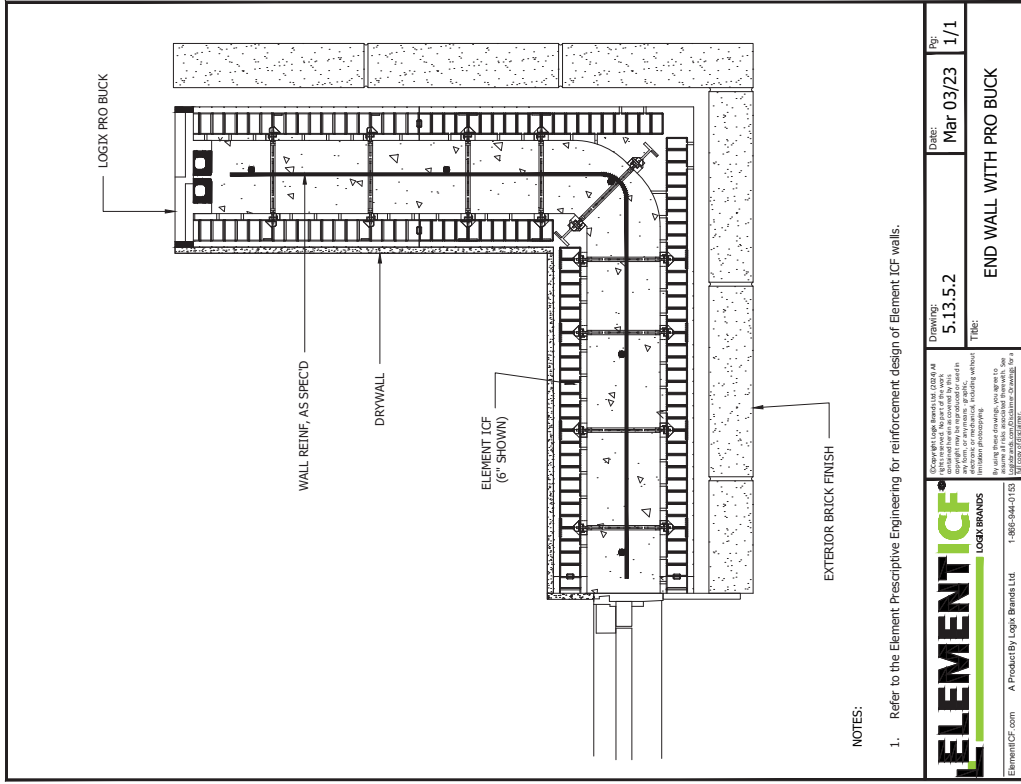


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.13.5.1 Title:	Date: Mar 03/23 Rev: 1/1
	PRECAST PANEL WALL	
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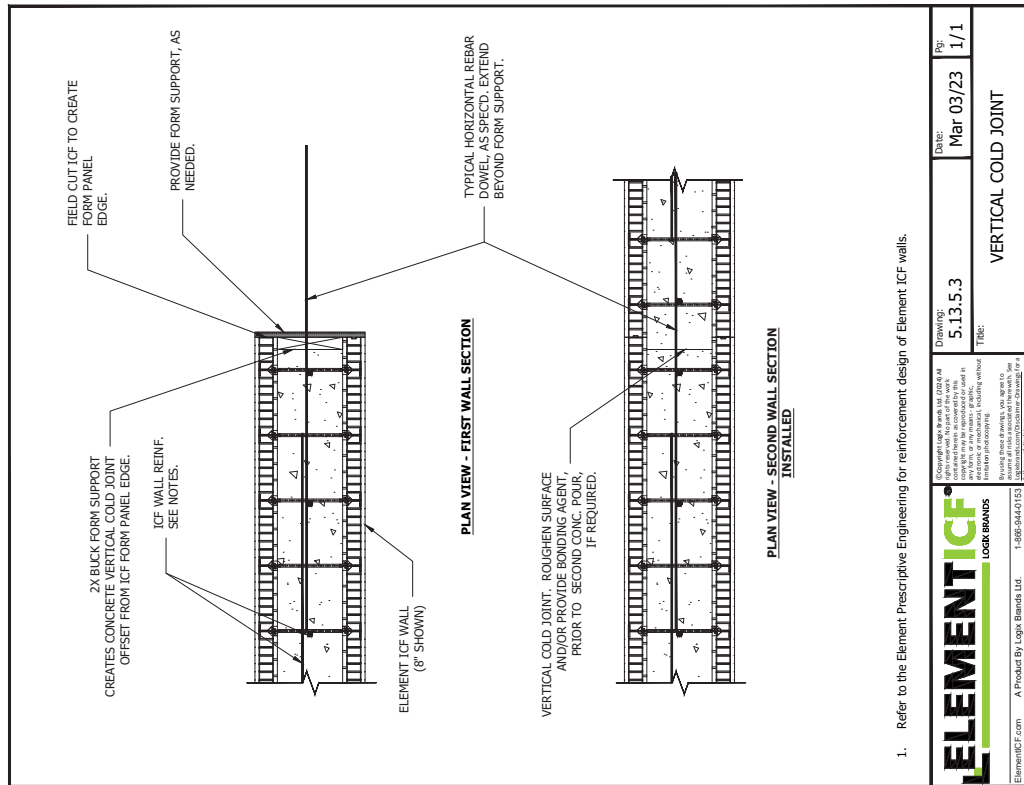


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.13.5.2 Title:	Date: Mar 03/23 Rev: 1/1
	END WALL WITH PRO BUCK	
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	ElementICF.com	5.13.5.3	Mar 03/23	1/1
A Product By Logix Brands Ltd. 1-888-944-0153 2/2/2024 12:38:43 PM		VERTICAL COLD JOINT		

5.14 - STEEL REINFORCING

5.14 - REINFORCEMENT CORNERS

NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Details shown are typical corner reinforcement examples. Actual corner reinforcement will be dictated by design and code requirements.
3. Rebar shown are #4 (15M) bars.
4. Lap length between horizontal corner bar and horizontal ICF wall reinforcement is 24" minimum for #4 (15M) bars or smaller.

	Drawing: 5.14.2.1 Title: CORNER WALL REINFORCEMENT 4in & 6in ELEMENT	Date: Mar 03/23 Pg: 1/1
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	Drawing: 5.14.2.2 R1 Title: CORNER WALL REINFORCEMENT 8in & 10in ELEMENT	Date: Dec 29/25 Pg: 1/1
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**DETAIL A
CORNER REINFORCEMENT DETAIL
(R15)**

NOTES:

- To minimize congestion rebar is permitted to be stacked splice, where needed.
- Details shown are typical corner double mat reinforcement examples. Alternate details are permitted and may be dictated by design and code requirements.
- Rebar shown are #4 (10M) bars.
- Lap length between horizontal corner bar and horizontal ICF wall reinforcement is 24" minimum for #4 (10M) bars or smaller.
- Noncontact lap splices permitted. Shall not exceed the smaller of $\frac{1}{4}$ lap splice and 6".

	Drawing:	5.14.2.4	Date:	Dec 10/24	Rev:	1/1
	TITLE: DOUBLE MAT REINFORCEMENT AT ELEMENT 6in CORNER					
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NOTES:

- Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
- Details shown are typical corner reinforcement examples. Actual corner reinforcement will be dictated by design and code requirements.
- Rebar shown are #4 (15M) bars.
- Lap length between horizontal corner bar and horizontal ICF wall reinforcement is 24" minimum for #4 (15M) bars or smaller.

	Drawing:	5.14.2.3 R1	Date:	DEC 29/25	Rev:	1/1
	TITLE: CORNER WALL REINFORCEMENT 12in ELEMENT					
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5.14 - REINFORCEMENT CORNERS

ELEMENT 8\" CORNER

30\"x30\", 90° BEND HORIZONTAL CORNER REINFORCEMENT

HORIZONTAL ICF WALL REINF.

30\" MIN

REBAR SLOT LOCATIONS SHADED FOR CLARITY

PROVIDE LAP SPLICE WITH CORNER REINF. BEYOND OPENING.

NONCONTACT LAP SPLICE. SEE NOTES.

8\" ELEMENT ICF

NOTES:

1. Details shown are typical corner double mat reinforcement examples. Alternate details are permitted and may be dictated by design and code requirements.
2. Rebar shown are #4 (15M) bars.
3. Lap length between horizontal corner bar and horizontal ICF wall reinforcement is 30\" minimum for #4 (15M) bars or smaller.
4. Noncontact lap splices permitted. Shall not exceed the smaller of $\frac{1}{3}$ lap splice and 6\".

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Drawing: 5.14.2.5 Date: Dec 02/24 Rev: 1/1

TITLE: DOUBLE MAT REINFORCEMENT AT ELEMENT 8in CORNER

ELEMENT 10\" CORNER

HORIZONTAL CORNER REINFORCEMENT. SEE DETAIL A

REBAR SLOT LOCATIONS SHADED FOR CLARITY

HORIZONTAL ICF WALL REINF.

30\"x30\", 90° BEND HORIZONTAL CORNER REINFORCEMENT

10\" ELEMENT ICF

30\" MIN

3\" 3/4\"

30\" MIN

3\" 3/4\"

2\"

2\"

DETAIL A
CORNER REINFORCEMENT DETAIL
(N.T.S.)

NOTES:

1. Details shown are typical corner double mat reinforcement examples. Alternate details are permitted and may be dictated by design and code requirements.
2. Rebar shown are #4 (15M) bars.
3. Lap length between horizontal corner bar and horizontal ICF wall reinforcement is 30\" minimum for #4 (15M) bars or smaller.
4. Noncontact lap splices permitted. Shall not exceed the smaller of $\frac{1}{3}$ lap splice and 6\".

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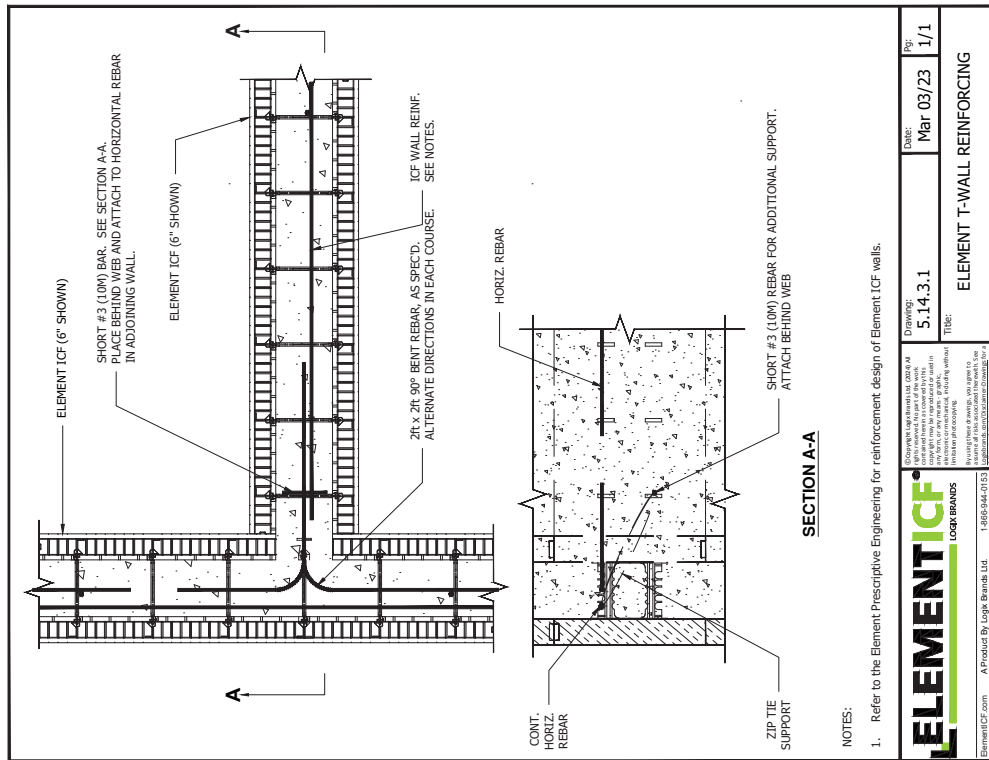
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Drawing: 5.14.2.6 Date: May 02/25 Rev: 1/1

TITLE: DOUBLE MAT REINFORCEMENT AT ELEMENT 10in CORNER

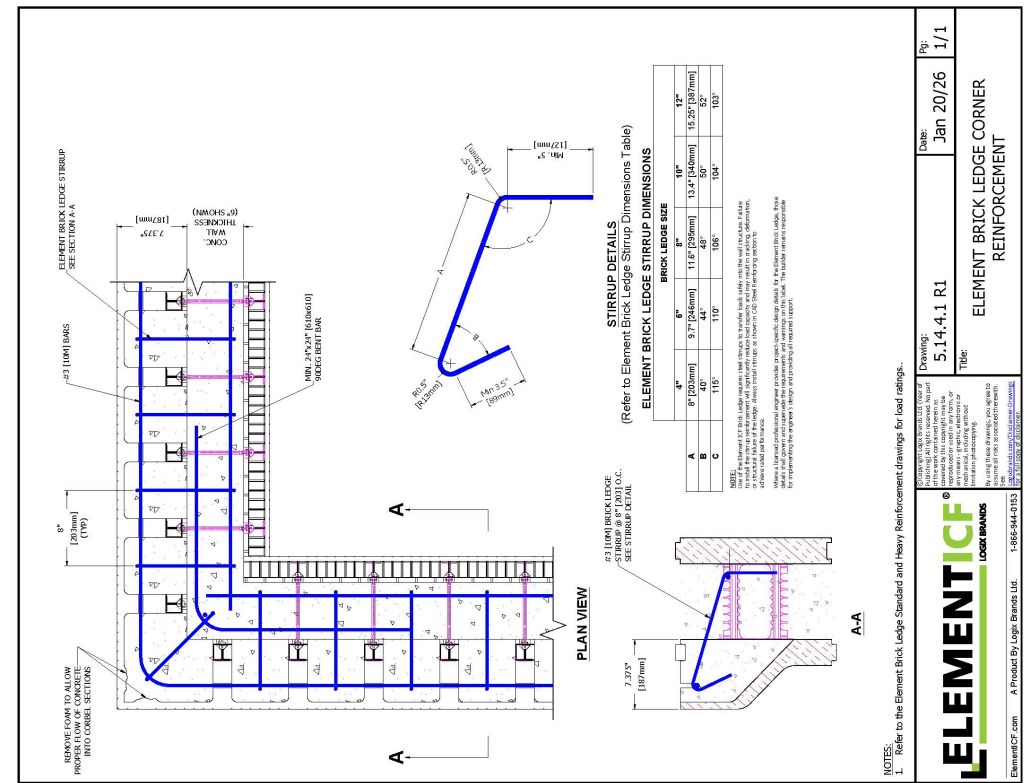
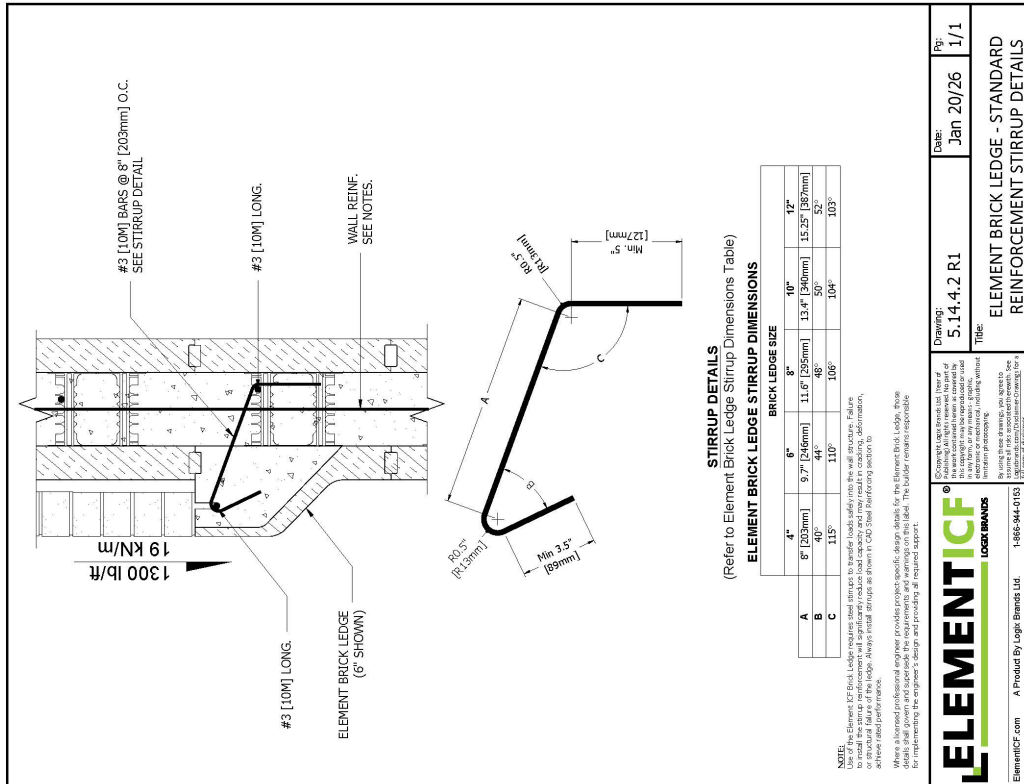


NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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5.14 - REINFORCEMENT BRICK LEDGE



ELEMENT ICF®
Load ratings

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Drawing: 5.14.4.2 R1
Date: Jan 20/26
Page: 1/1

Title: ELEMENT BRICK LEDGE - STANDARD REINFORCEMENT STIRRUP DETAILS

ELEMENT ICF®
Load ratings

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Drawing: 5.14.4.1 R1
Date: Jan 20/26
Page: 1/1

Title: ELEMENT BRICK LEDGE CORNER REINFORCEMENT



NOTES:

- Specifications and material properties shown in DBA document image below. Recommend SWP Part# DBA 38 (See table to DBA part below).
- Refer to DBA for Prescriptive Engineering for reinforcement design.
- Use of the Element ICF Brick Ledge requires steel stirrups to transfer loads safely into the wall structure. Failure to install the stirrup reinforcement will significantly reduce load capacity and may result in cracking, deformation, or structural failure of the ledge. Always install stirrups as shown in CAD Steel Reinforcing section to achieve rated performance.

Where a licensed professional engineer provides project-specific design details for the Element Brick Ledge, those details shall govern and supersede the requirements and warnings on this sheet. The builder remains responsible for implementing the engineer's design and providing all required support.

DBA DEFORMED BAR ANCHORS

DEFORMED BAR ANCHORS
TYPE DBA STUDS - WELD TO TYPE I FORMS SUPPLIED

WELD STUD SPECIFICATIONS		WELD STUD PACKAGING		WELD STUD WEIGHTS	
D	L	BWP Part#	Box Qty	Box Weight	Box Volume
3/8"	12-1/8"	204-38-1214	150	118 lbs.	244 Btu.
3/8"	18-1/8"	204-38-1814	150	172 lbs.	315 Btu.
3/8"	24-1/8"	204-38-2414	150	226 lbs.	465 Btu.
3/8"	30-1/8"	204-38-3014	150	280 lbs.	567 Btu.
3/8"	36-1/8"	204-38-3614	150	334 lbs.	670 Btu.
3/8"	48-1/8"	204-38-4814	150	438 lbs.	884 Btu.

Mechanical Property Requirements

Yield Strength: 60,000 PSI min.
Tensile Strength: 80,000 PSI min.
Elongation: 15% min.
Weld Strength: 100% min.

Deformed Bar Anchors are designed for use in concrete and masonry applications. DBA 38 and 48 studs will be approximately 1/8" longer than the length specified in the table above. DBA 12, 18, 24, 30, and 36 studs will be approximately 3/16" longer than the length specified in the table above. DBA 48 studs will be approximately 1/4" longer than the length specified in the table above. Material: Low carbon steel, ASTM A608.

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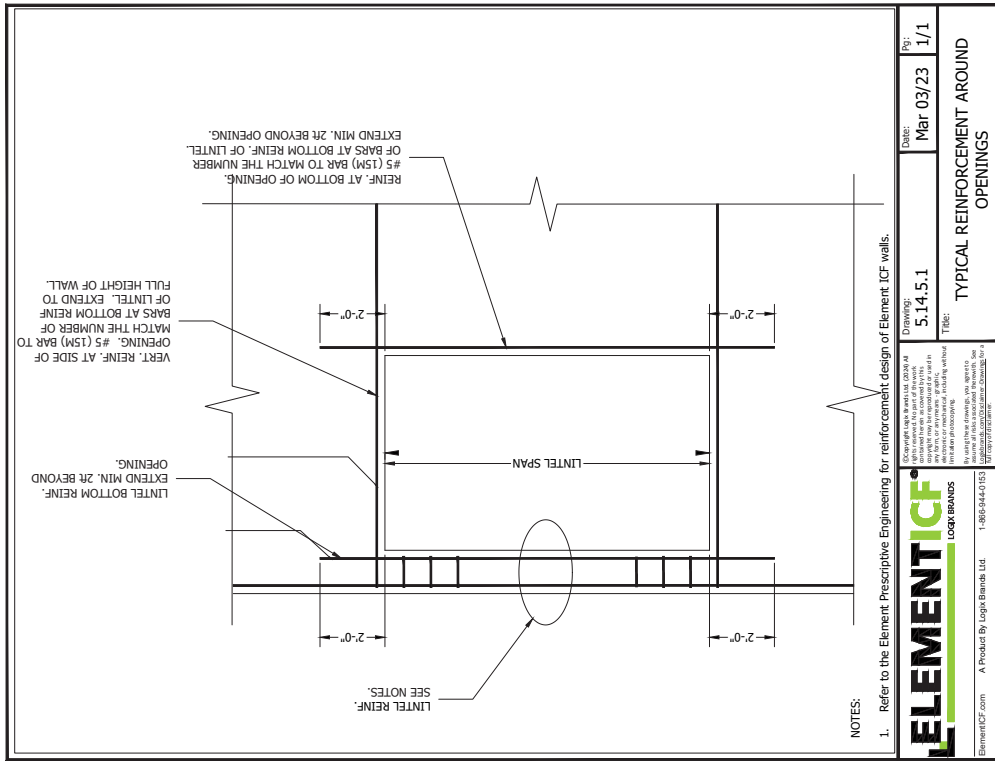
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Drawing: 5.14.4.3 R1 Date: Jan 20/26 Pg: 1/1

TITLE: ELEMENT BRICK LEDGE - HEAVY REINFORCEMENT STIRRUP DETAILS

5.14 - REINFORCEMENT OPENINGS



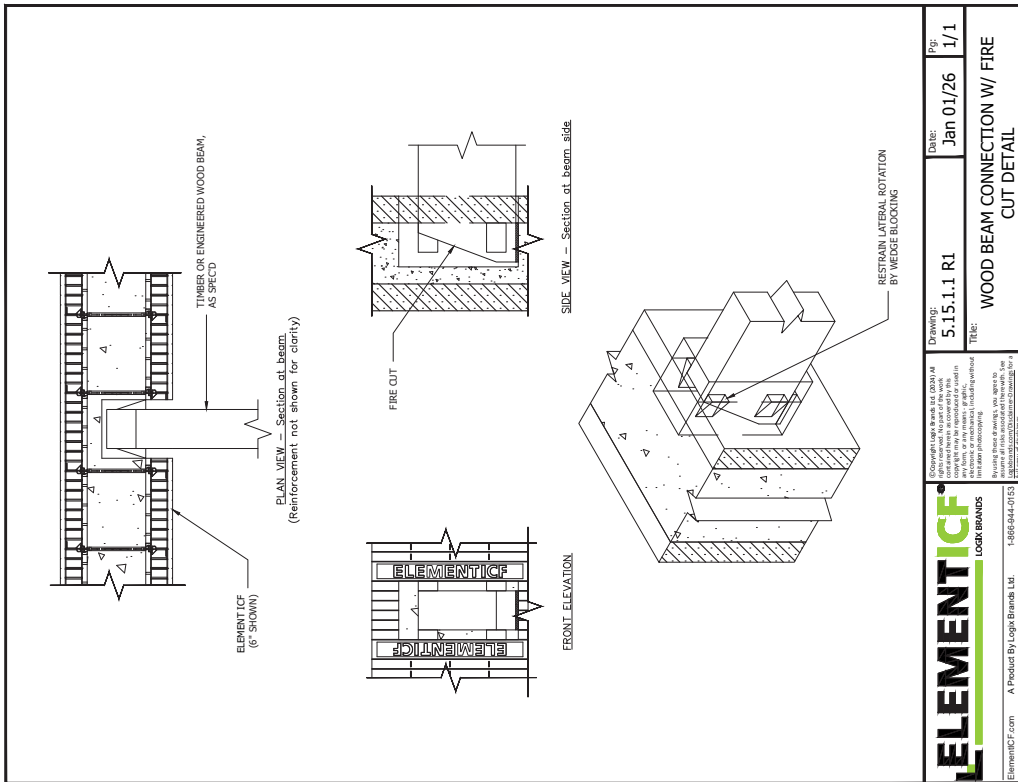
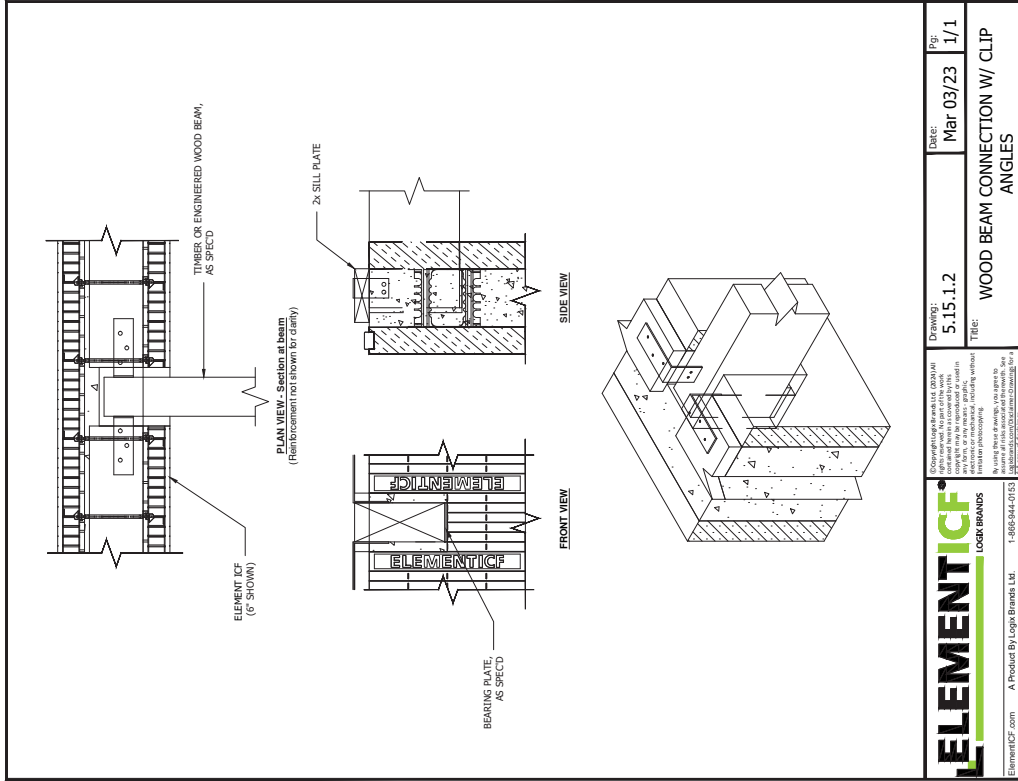
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawing: 5.14-5.1	Date: Mar 03/23	Pg: 1/1
	TITLE: TYPICAL REINFORCEMENT AROUND OPENINGS		
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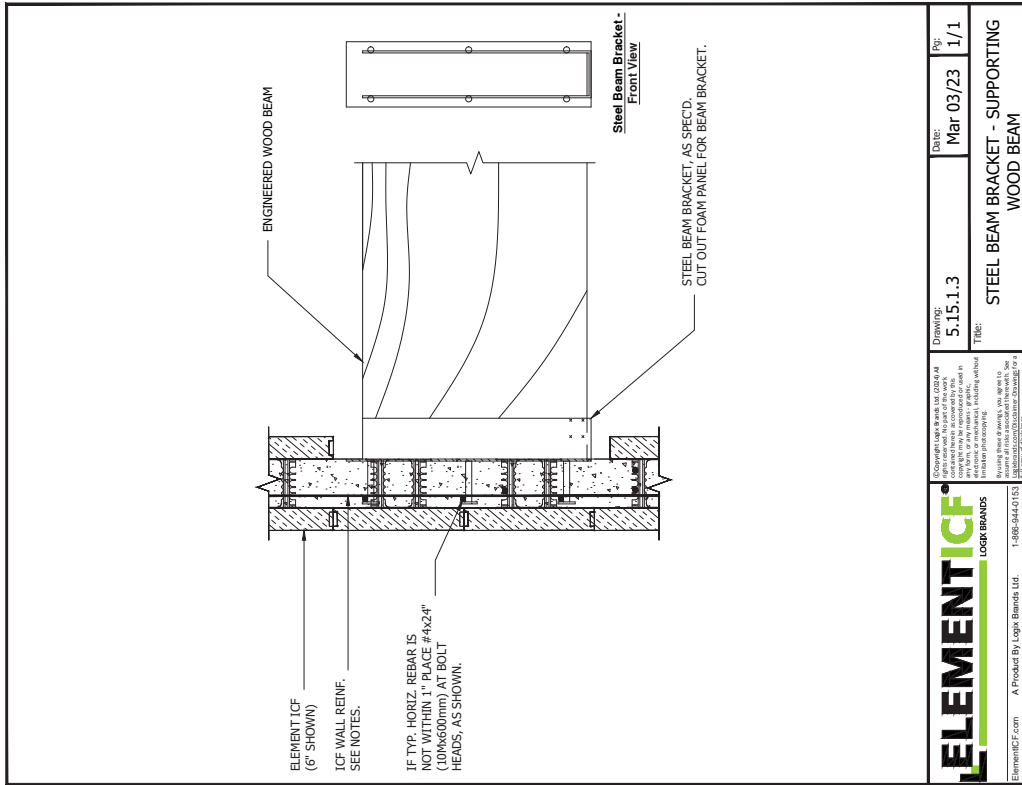


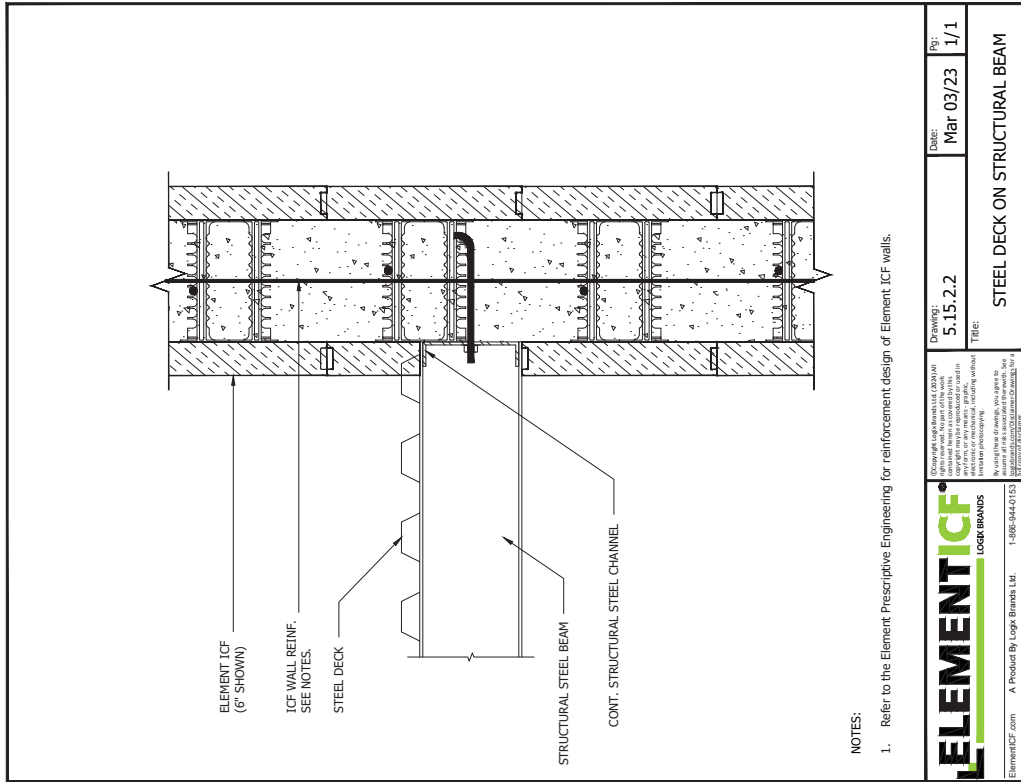
5.15 - BEAM CONNECTIONS



5.15 - WOOD BEAM CONNECTIONS

5.15 - WOOD BEAM CONNECTIONS

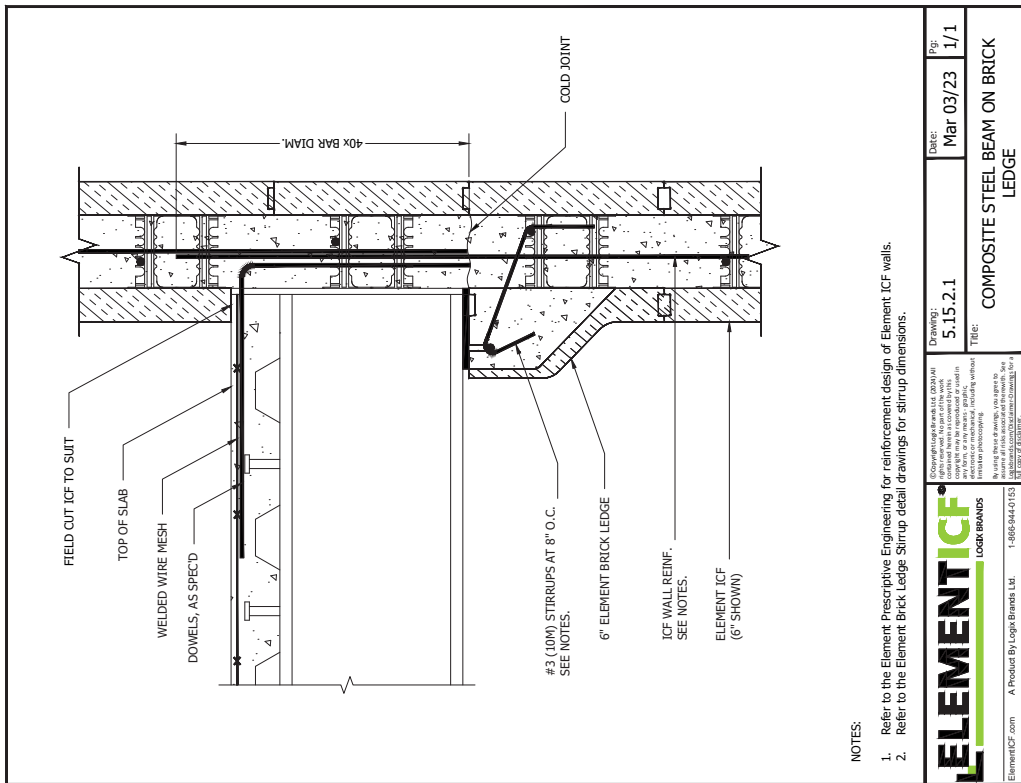




NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

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	Element ICF.com A Product By Logix Brands Ltd. 1-888-944-0153 <small>25/2024 12:48:08 PM</small>	

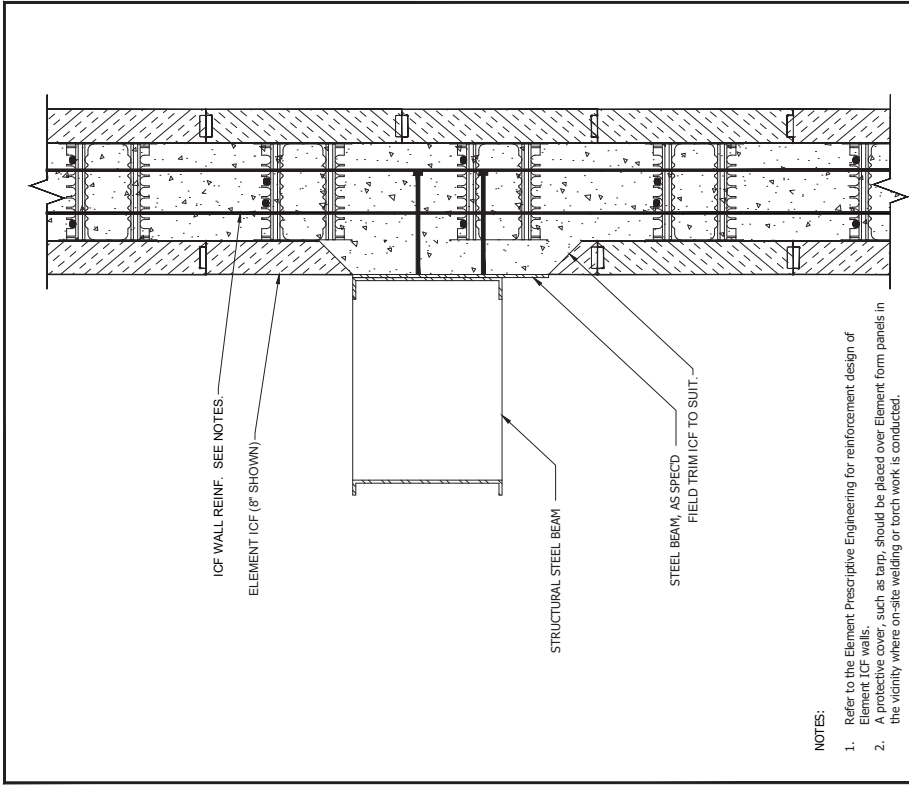


NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. Refer to the Element Brick Ledge Stirrup detail or drawings for stirrup dimensions.

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	Element ICF.com A Product By Logix Brands Ltd. 1-888-944-0153 <small>25/2024 12:49:09 PM</small>	

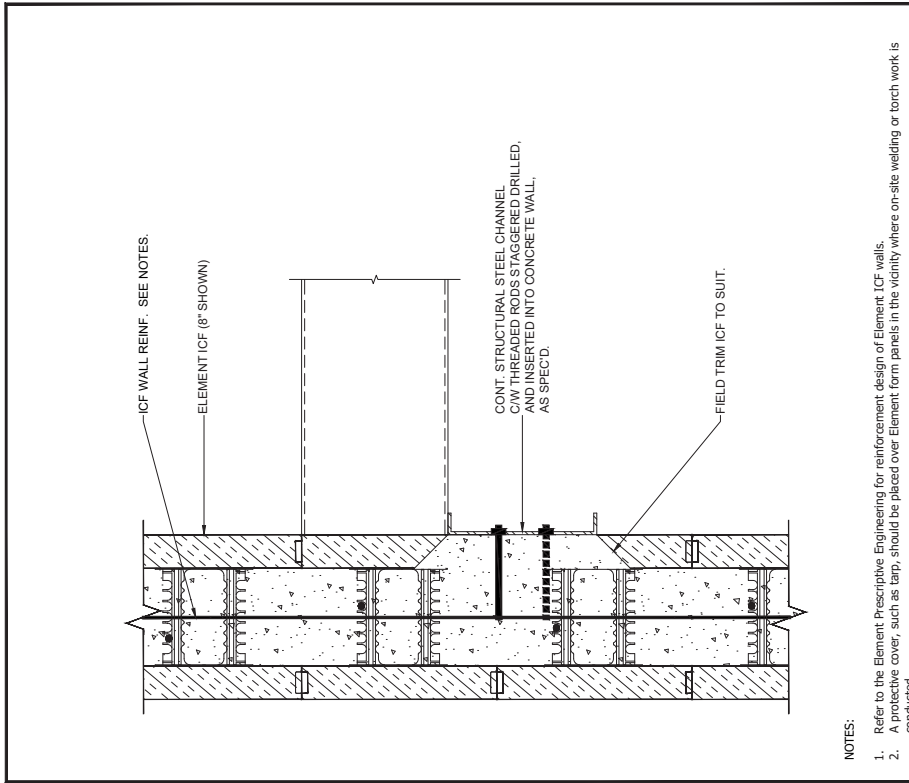
5.15 - STEEL BEAM CONNECTIONS



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. A protective cover, such as tarp, should be placed over Element form panels in the vicinity where on-site welding or torch work is conducted.

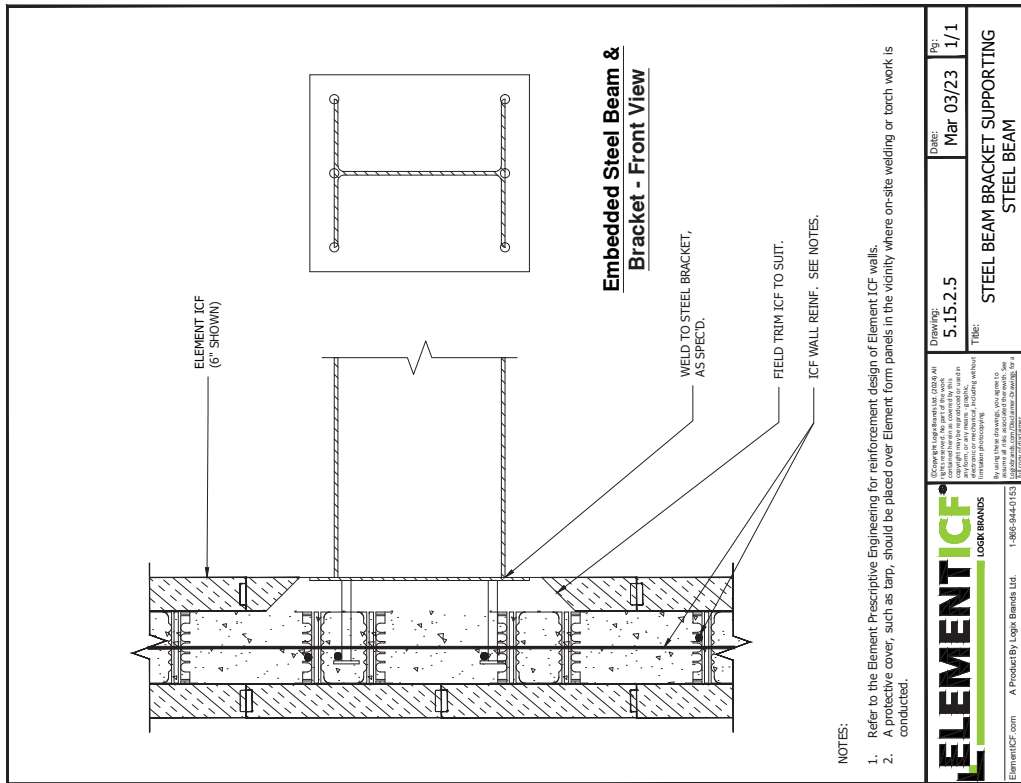
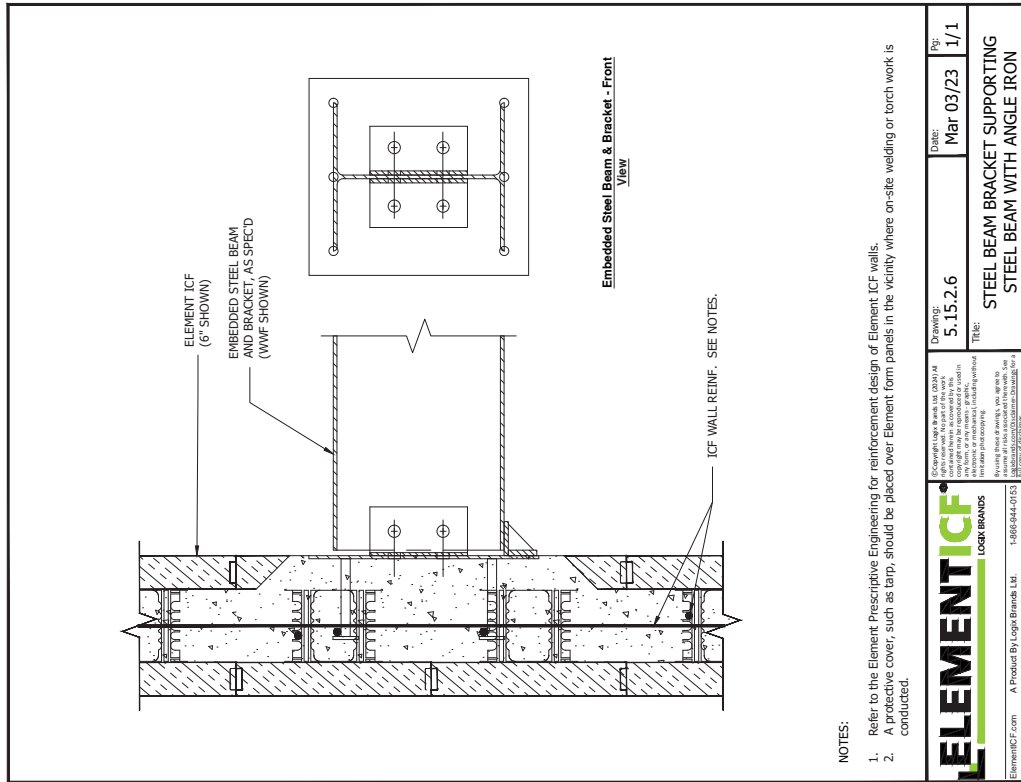
	Drawing: 5.15.2.4 Title: STRUCTURAL STEEL CHANNEL BEAM (2 OF 2)	Date: Mar 03/23 Pg: 1/1
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NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. A protective cover, such as tarp, should be placed over Element form panels in the vicinity where on-site welding or torch work is conducted.

	Drawing: 5.15.2.3 Title: STRUCTURAL STEEL CHANNEL BEAM (1 OF 2)	Date: Mar 03/23 Pg: 1/1
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NOTES:

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2. A protective cover, such as tarp, should be placed over Element form panels in the vicinity where on-site welding or torch work is conducted.



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			Mar 03/23
			Page:
			1/1
	Title:		
	STEEL BEAM BRACKET SUPPORTING		
	STEEL BEAM WITH ANGLE IRON		

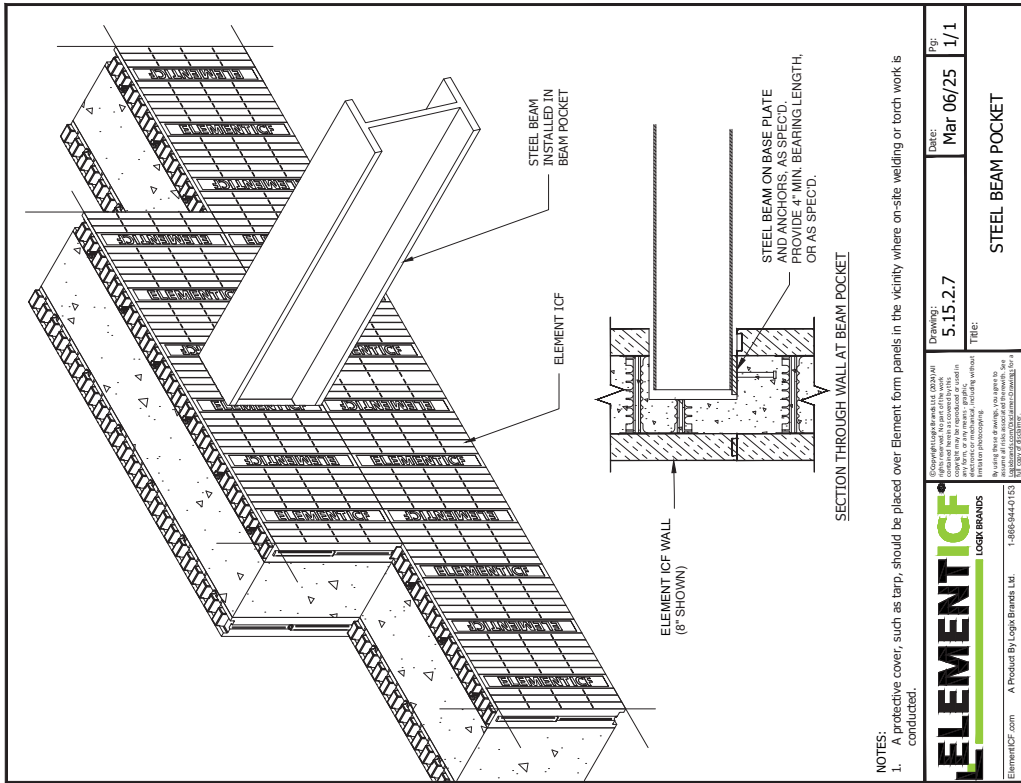
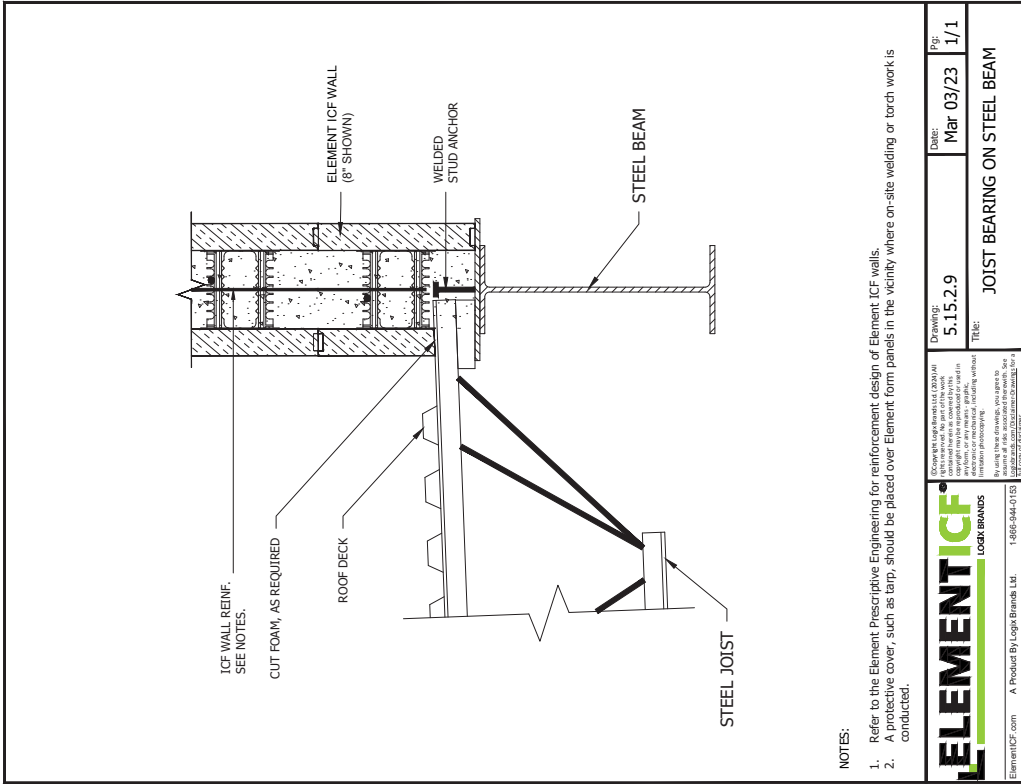
NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
2. A protective cover, such as tarp, should be placed over Element form panels in the vicinity where on-site welding or torch work is conducted.



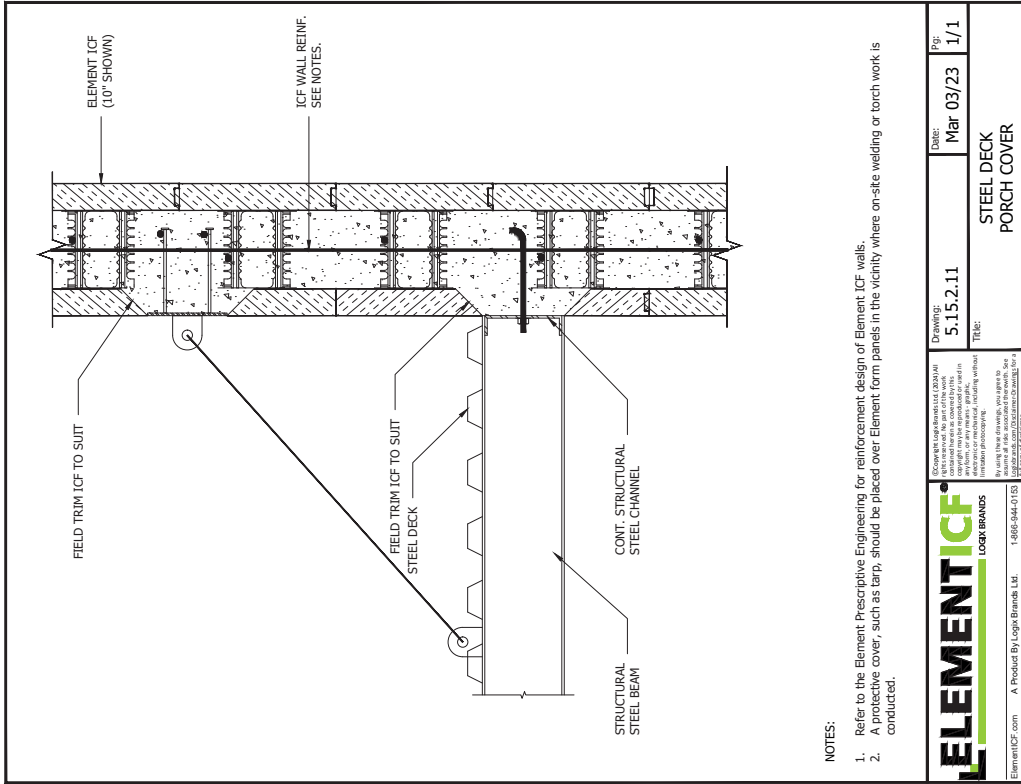
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			Mar 03/23
			Page:
			1/1
	Title:		
	STEEL BEAM BRACKET SUPPORTING		
	STEEL BEAM		

5.15 - STEEL BEAM CONNECTIONS



	Drawing: 5.15.2.9 Title: JOIST BEARING ON STEEL BEAM	Date: Mar 03/23 Page: 1/1
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	Drawing: 5.15.2.7 Title: STEEL BEAM POCKET	Date: Mar 06/25 Page: 1/1
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NOTES:

- 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
- 2. A protective cover, such as tarp, should be placed over Element form panels in the vicinity where on-site welding or torch work is conducted.

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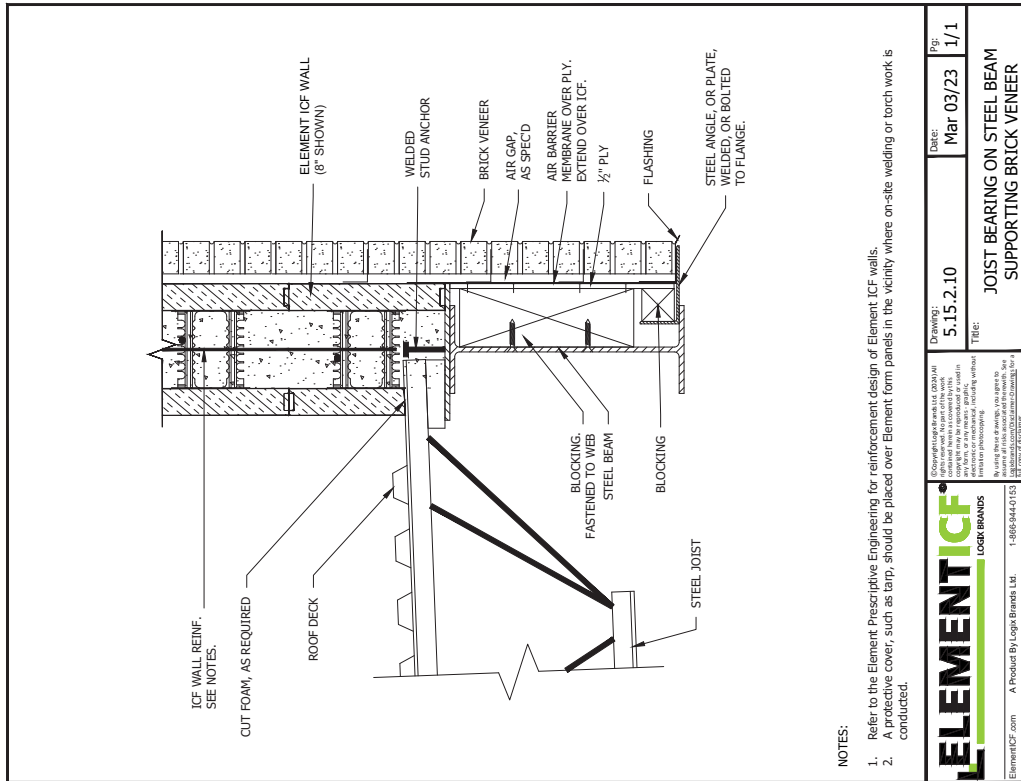
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Drawing: 5.15.2.11
Date: Mar 03/23
Page: 1/1

TITLE: STEEL DECK PORCH COVER

2/2/2024 12:47:22 PM



NOTES:

- 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.
- 2. A protective cover, such as tarp, should be placed over Element form panels in the vicinity where on-site welding or torch work is conducted.

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Drawing: 5.15.2.10
Date: Mar 03/23
Page: 1/1

TITLE: JOIST BEARING ON STEEL BEAM SUPPORTING BRICK VENEER

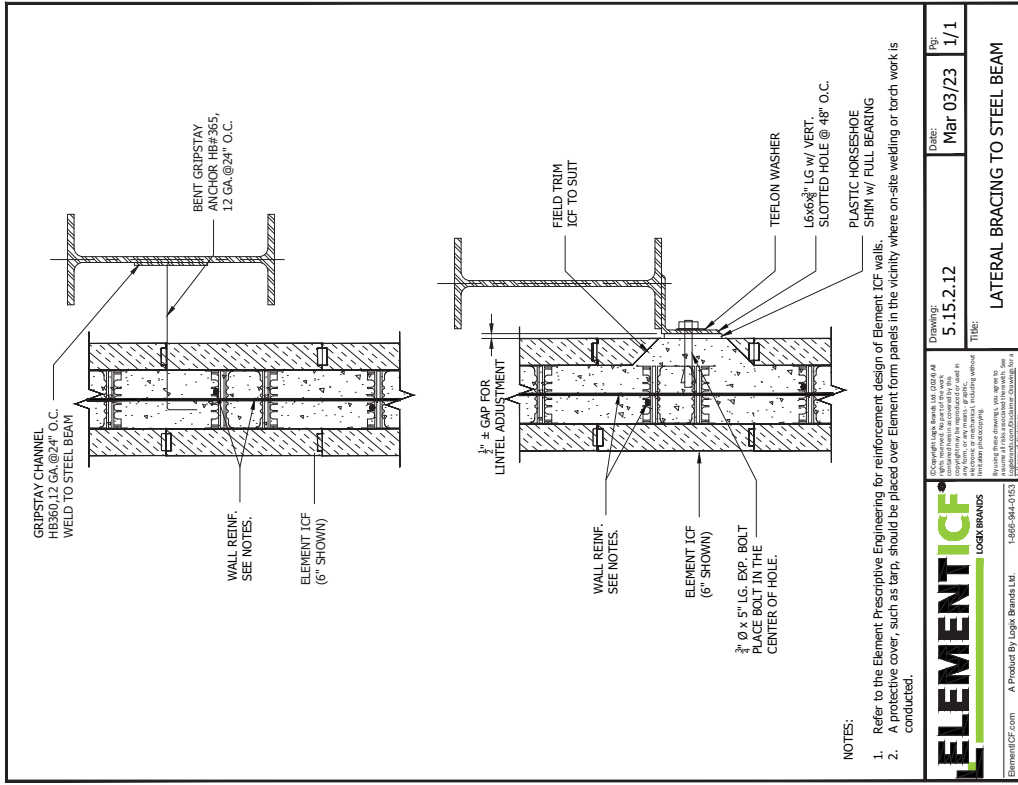
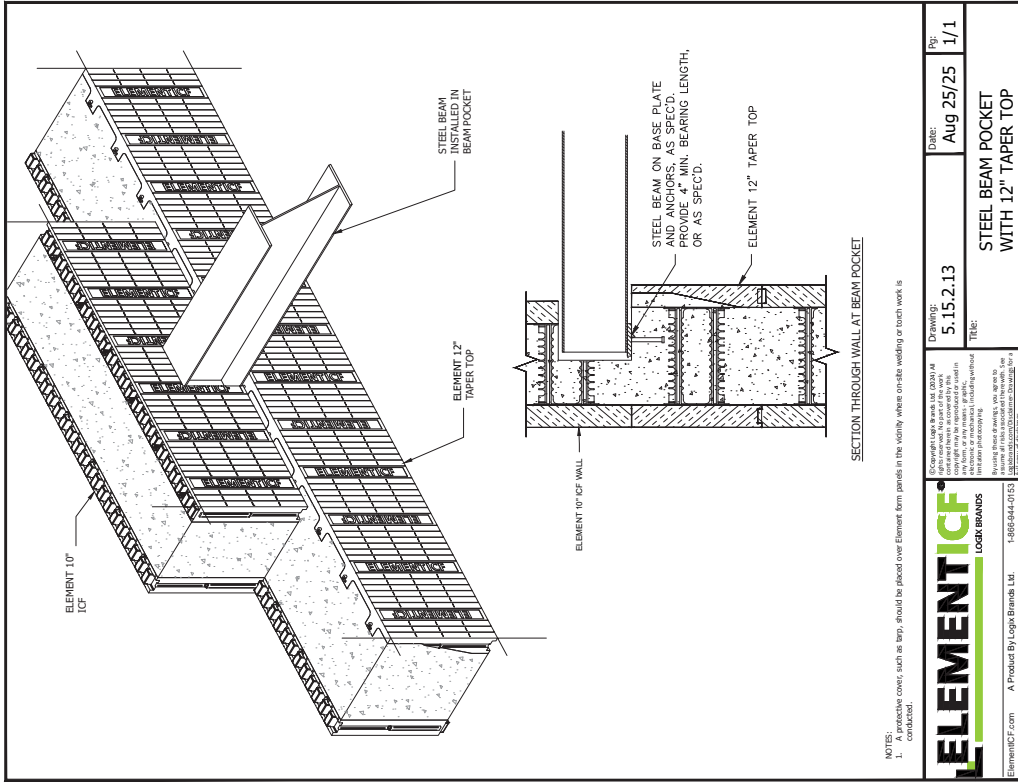
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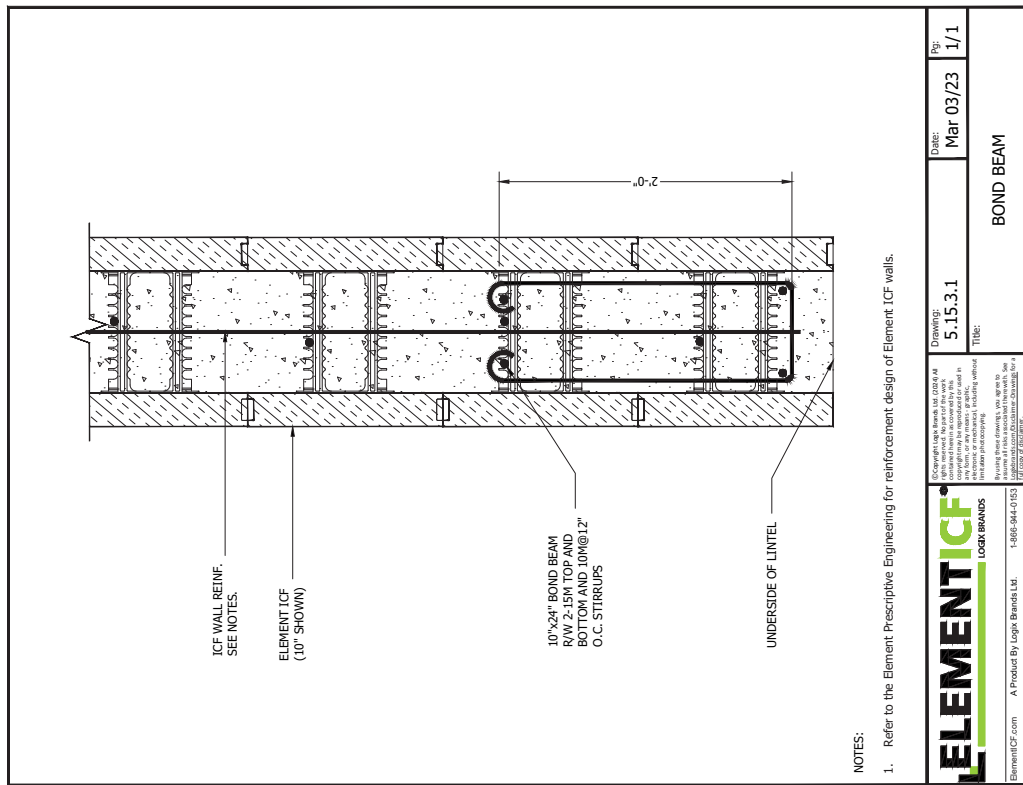


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5.15 - STEEL BEAM CONNECTIONS





NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawn By: 5.15.3.1 Title:	Date: Mar-03/23	P# 1/1
	BOND BEAM		

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25/03/2024 12:48:38 PM

5.16 - COLUMN CONNECTIONS

1. STEEL COLUMN ENCASED IN CONCRETE COLUMN

Labels: STRUCTURAL STEEL COLUMN ENCASED IN CONCRETE COLUMN, AS SPCED; ELEMENT ICF (6" SHOWN); WELDABLE REBAR TO MATCH HORIZ. REBAR SPACING, FULLY WELDED TO STEEL COLUMN, AS SPCED; CONCRETE COLUMN REINF., AS SPCED.

2. STEEL COLUMN ENCASED IN ICF

Labels: 1/2" DIA. X 3/4" BAR AT SPECIFIED SPACING EACH SIDE OF COLUMN, ALIGN W/ HORIZONTAL WALL REINF.; STEEL COLUMN, AS SPCED; 2 VERTICAL BARS EACH SIDE OF COLUMN TO MATCH VERTICAL WALL REINFORCEMENT; ELEMENT ICF (6" SHOWN); TERMINATE HORIZONTAL REINF. W/ 180° HOOK.

3. STEEL COLUMN ENCASED IN ICF WITH 180° HOOK

Labels: 1/2" DIA. X 3/4" BAR AT SPECIFIED SPACING EACH SIDE OF COLUMN, ALIGN W/ HORIZONTAL WALL REINF.; STEEL COLUMN, AS SPCED; 2 VERTICAL BARS EACH SIDE OF COLUMN TO MATCH VERTICAL WALL REINFORCEMENT; ELEMENT ICF (6" SHOWN); TERMINATE HORIZONTAL REINF. W/ 180° HOOK.

4. STEEL COLUMN ENCASED IN ICF WITH 180° HOOK AND TERMINATE HORIZONTAL REBAR

Labels: 1/2" DIA. X 3/4" BAR AT SPECIFIED SPACING EACH SIDE OF COLUMN, ALIGN W/ HORIZONTAL WALL REINF.; STEEL COLUMN, AS SPCED; 2 VERTICAL BARS EACH SIDE OF COLUMN TO MATCH VERTICAL WALL REINFORCEMENT; ELEMENT ICF (6" SHOWN); TERMINATE HORIZONTAL REINF. W/ 180° HOOK; TERMINATE HORIZONTAL REBAR W/ 180° HOOK.

NOTES:

- Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

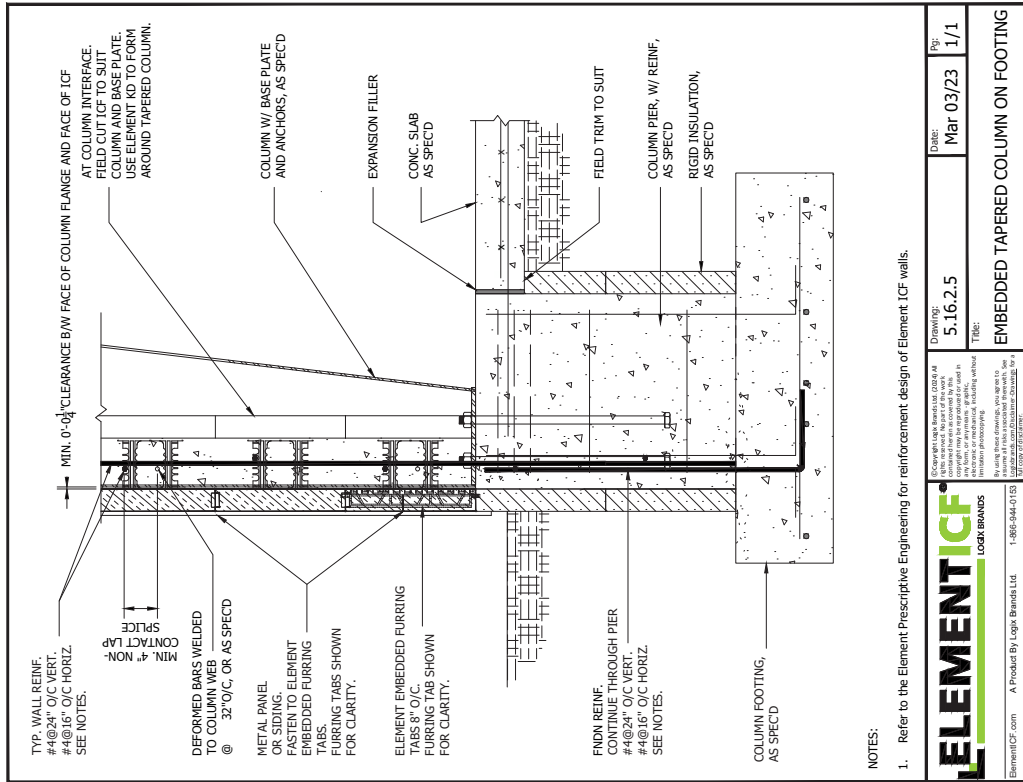
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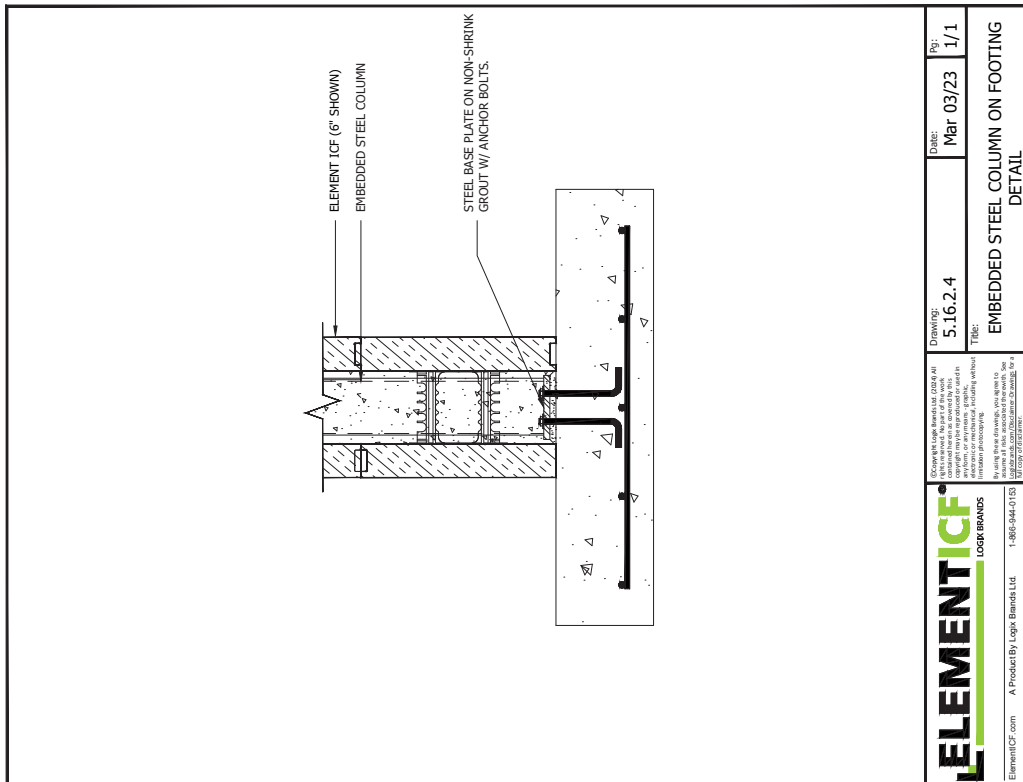
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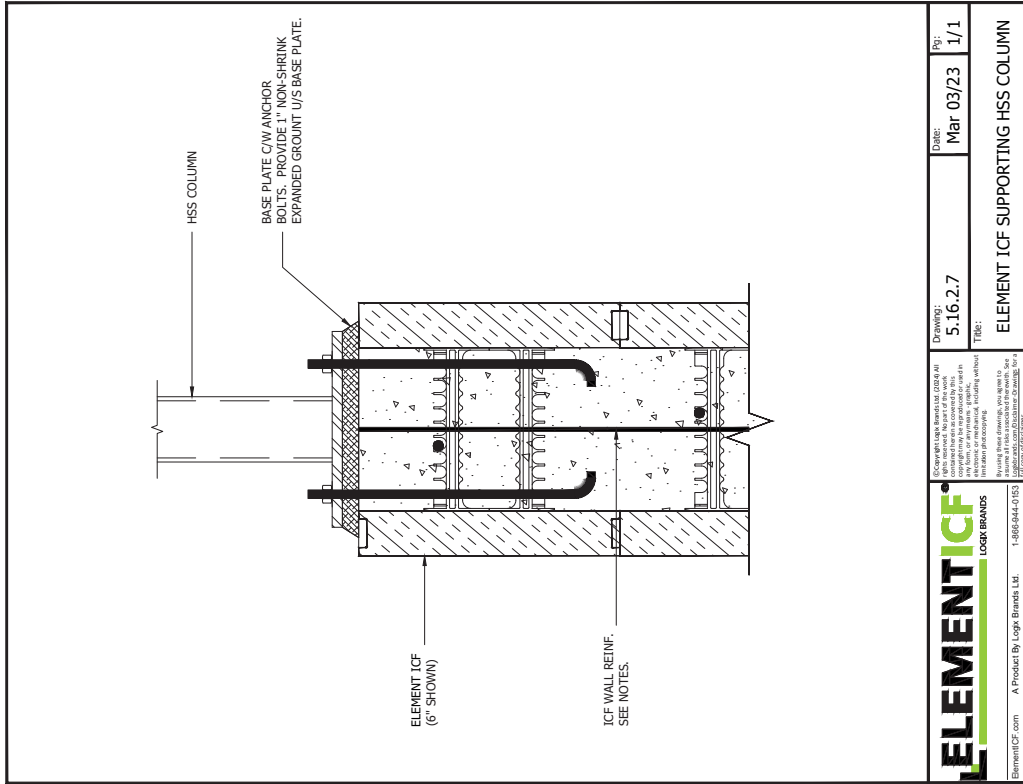
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	Drawing: 5.16.2.4 Title: EMBEDDED STEEL COLUMN ON FOOTING DETAIL	Date: Mar 03/23 Rev: 1/1
	ElementICF.com A Product By Logix Brands Ltd. 1-866-944-0103 2/20/2024 12:45:41 PM	

5.16 - STEEL COLUMN CONNECTIONS

5.16 - STEEL COLUMN CONNECTIONS

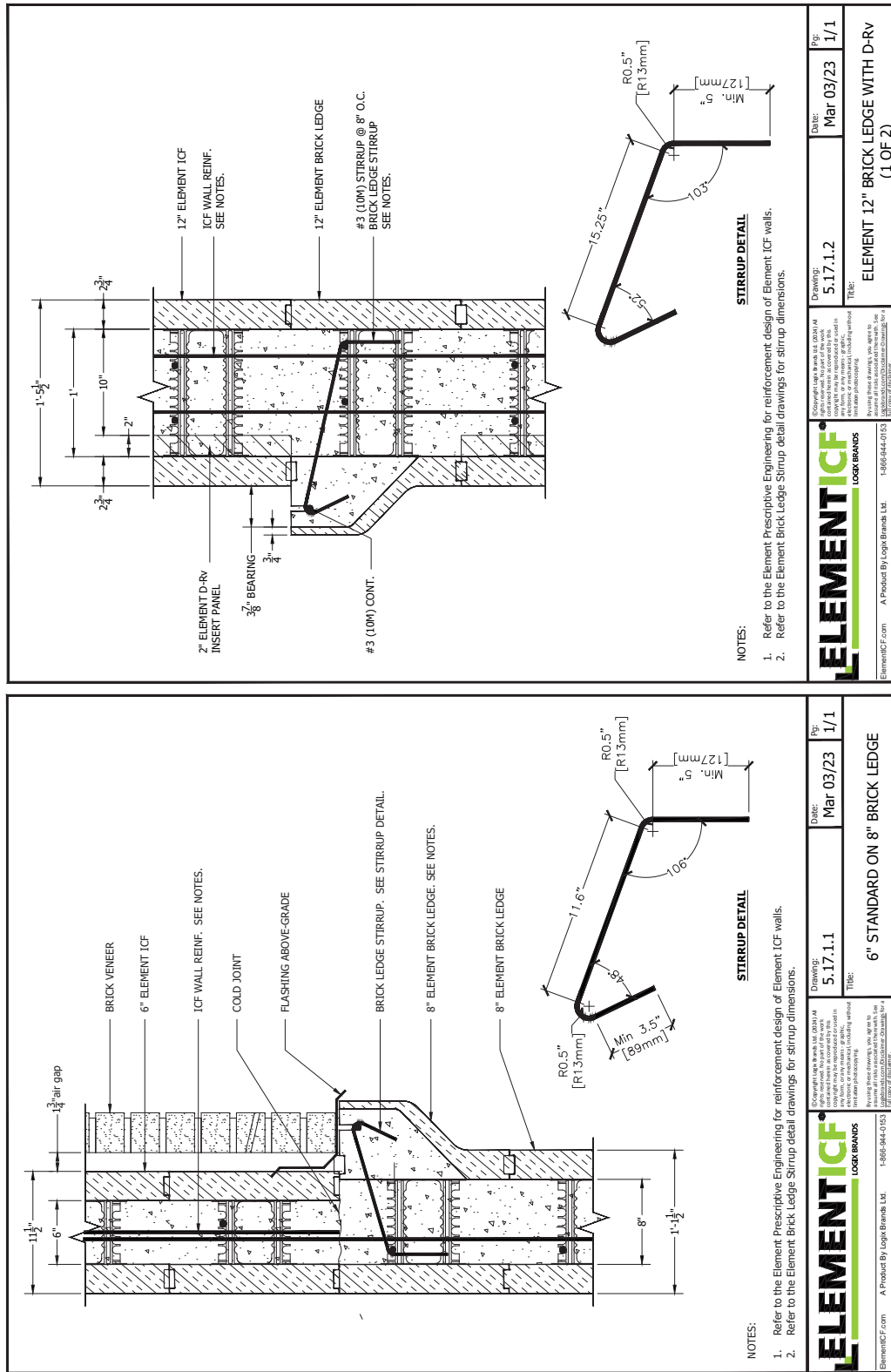


	Drawn: 5.16-2.7 Title: ELEMENT ICF SUPPORTING HSS COLUMN	Date: Mar 03/23 Rev: 1/1
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5.17 - LEDGE & CORBELS

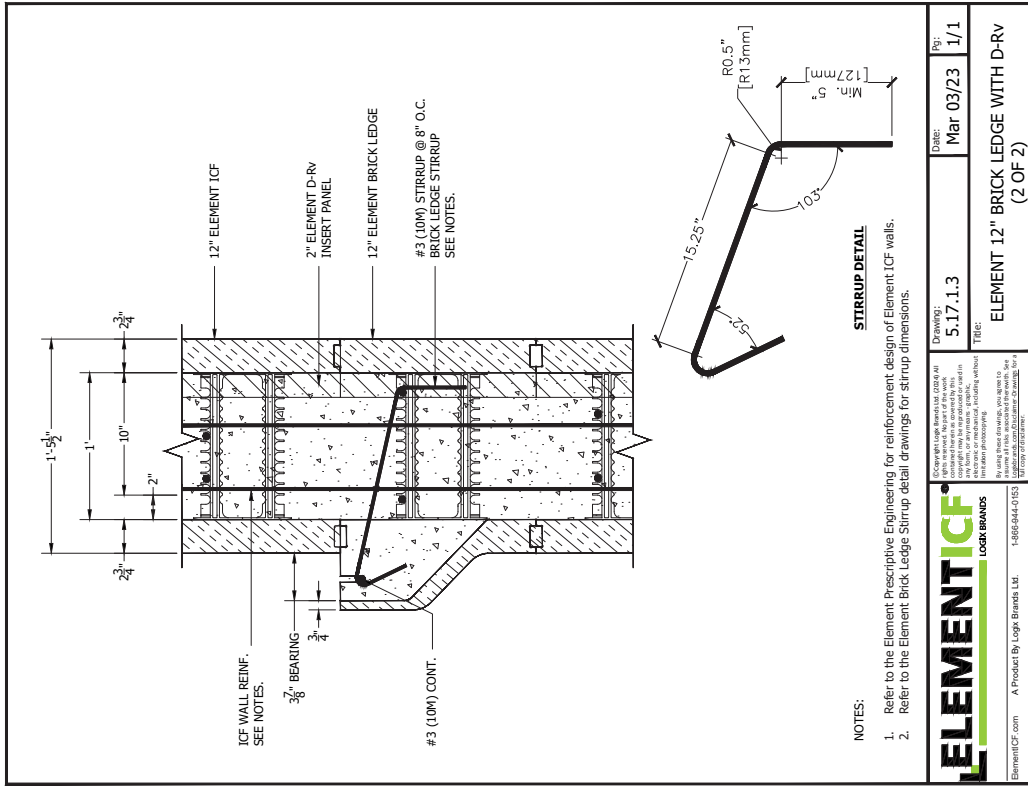
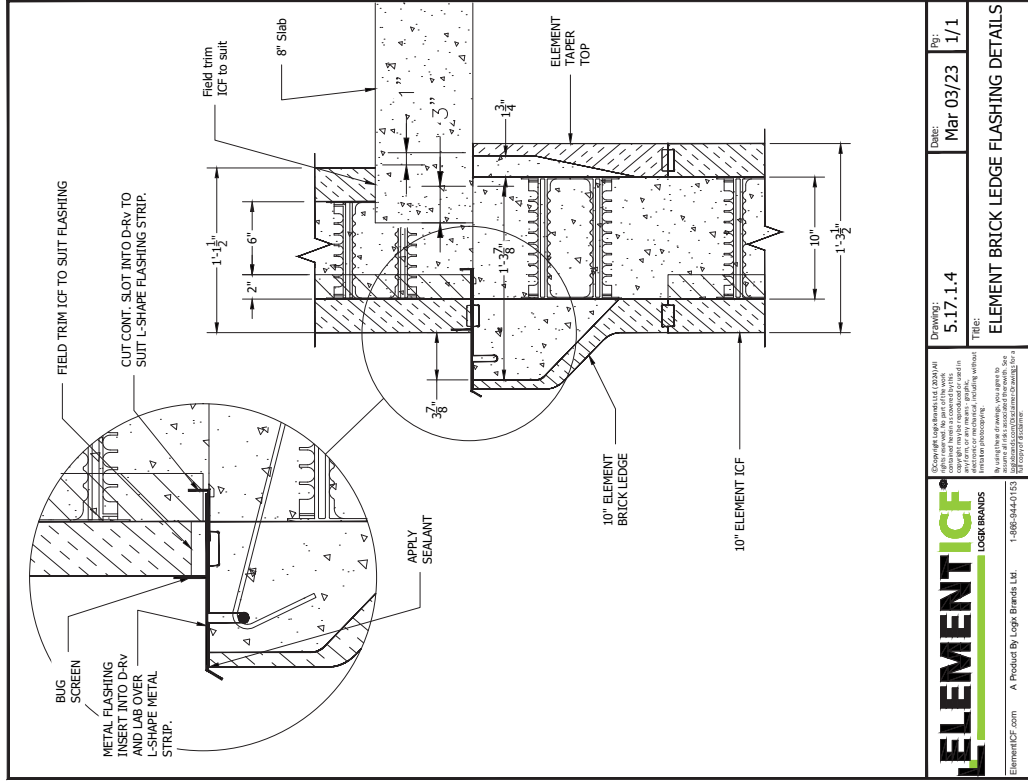


	Drawing: 5.17.1.1 Title: 6" STANDARD ON 8" BRICK LEDGE	Date: Mar 03/23 Fig: 1/1
	Drawing: 5.17.1.2 Title: ELEMENT 12" BRICK LEDGE WITH D-RV (1 OF 2)	Date: Mar 03/23 Fig: 1/1

	Drawing: 5.17.1.1 Title: 6" STANDARD ON 8" BRICK LEDGE	Date: Mar 03/23 Fig: 1/1
	Drawing: 5.17.1.2 Title: ELEMENT 12" BRICK LEDGE WITH D-RV (1 OF 2)	Date: Mar 03/23 Fig: 1/1

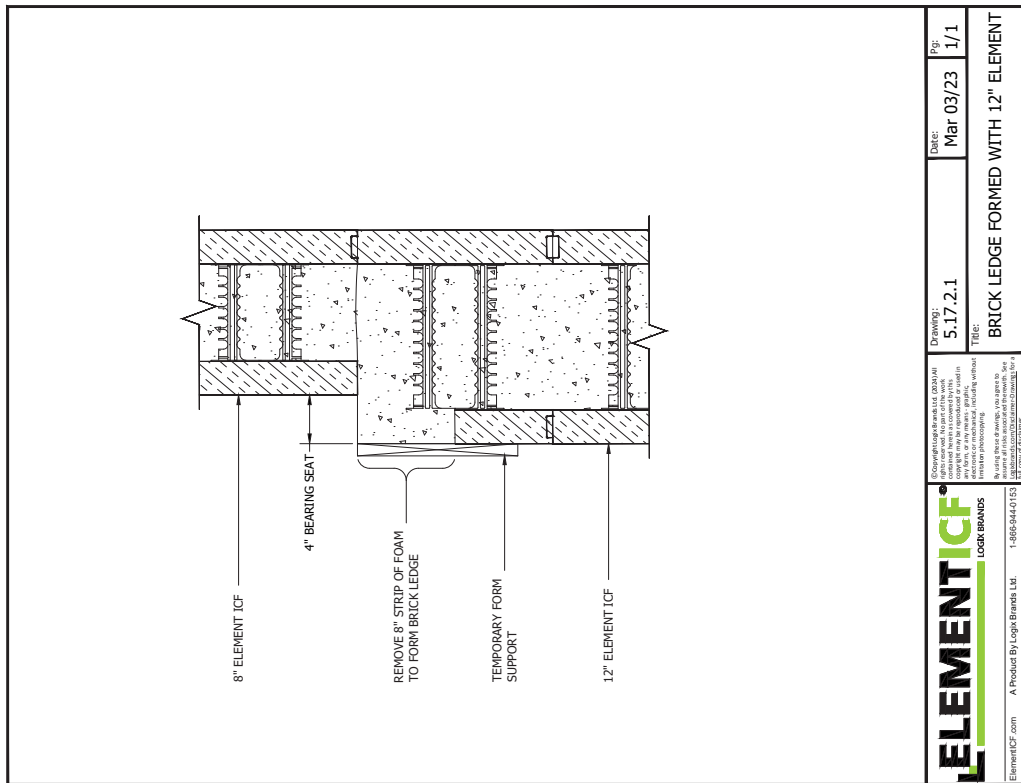
5.17 - LEDGE & CORBELS: ELEMENT BRICK LEDGE

5.17 - LEDGE & CORBELS: ELEMENT BRICK LEDGE



	DRAWING: 5.17.1.4 TITLE: ELEMENT BRICK LEDGE FLASHING DETAILS	DATE: Mar 03/23 REV: 1/1
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	DRAWING: 5.17.1.3 TITLE: ELEMENT 12" BRICK LEDGE WITH D-RV (2 OF 2)	DATE: Mar 03/23 REV: 1/1
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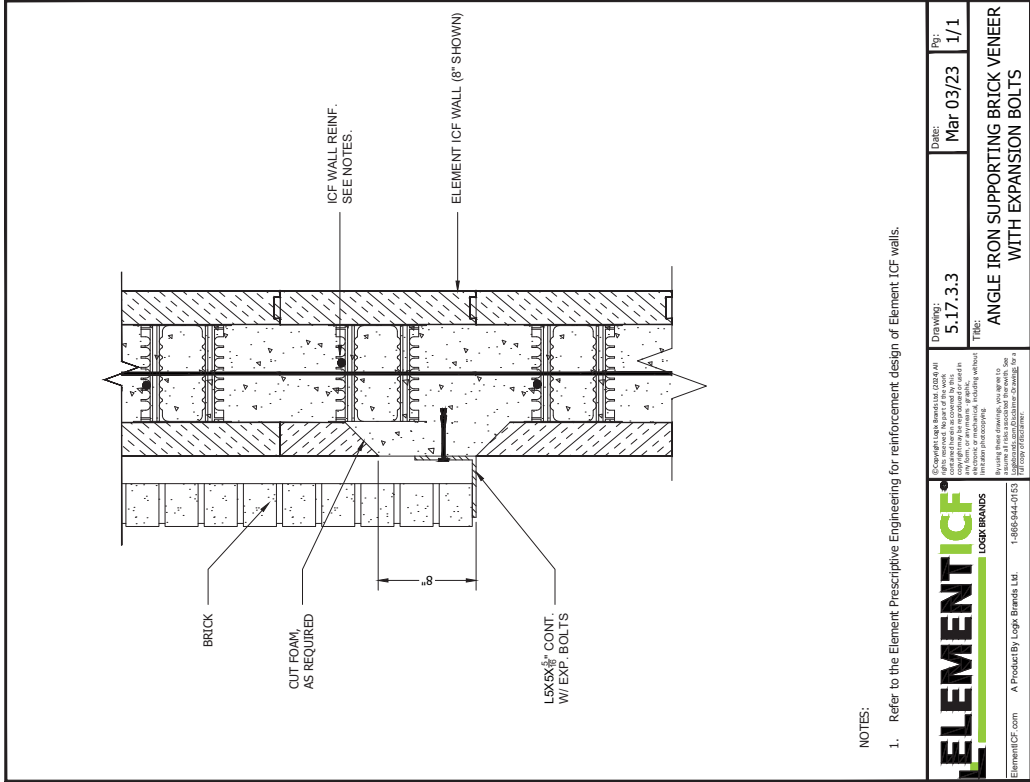


	Drawing: 5.17.2.1 Title: BRICK LEDGE FORMED WITH 12" ELEMENT	Date: Mar 03/23	Page: 1/1
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5.17 - LEDGE & CORBELS: FORMED BRICK LEDGE

5.17 - LEDGE & CORBELS: ANGLE IRON



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

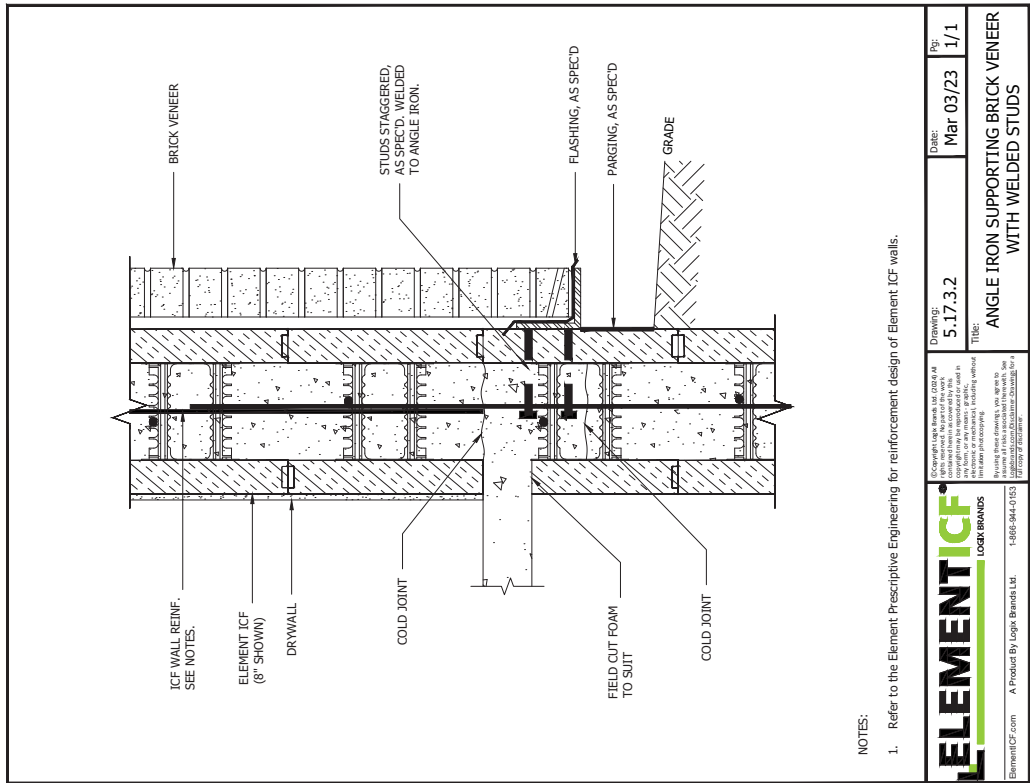
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Drawing: 5.17.3.3
Date: Mar 03/23
Page: 1/1

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ANGLE IRON SUPPORTING BRICK VENEER WITH EXPANSION BOLTS



NOTES:

1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

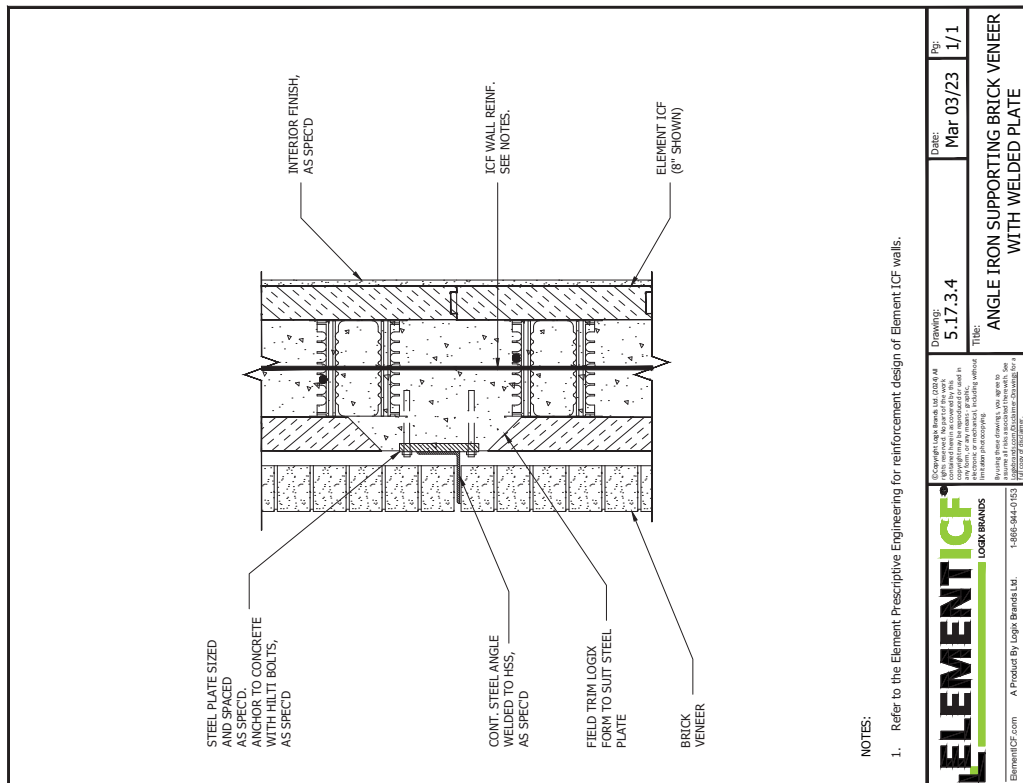
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Drawing: 5.17.3.2
Date: Mar 03/23
Page: 1/1

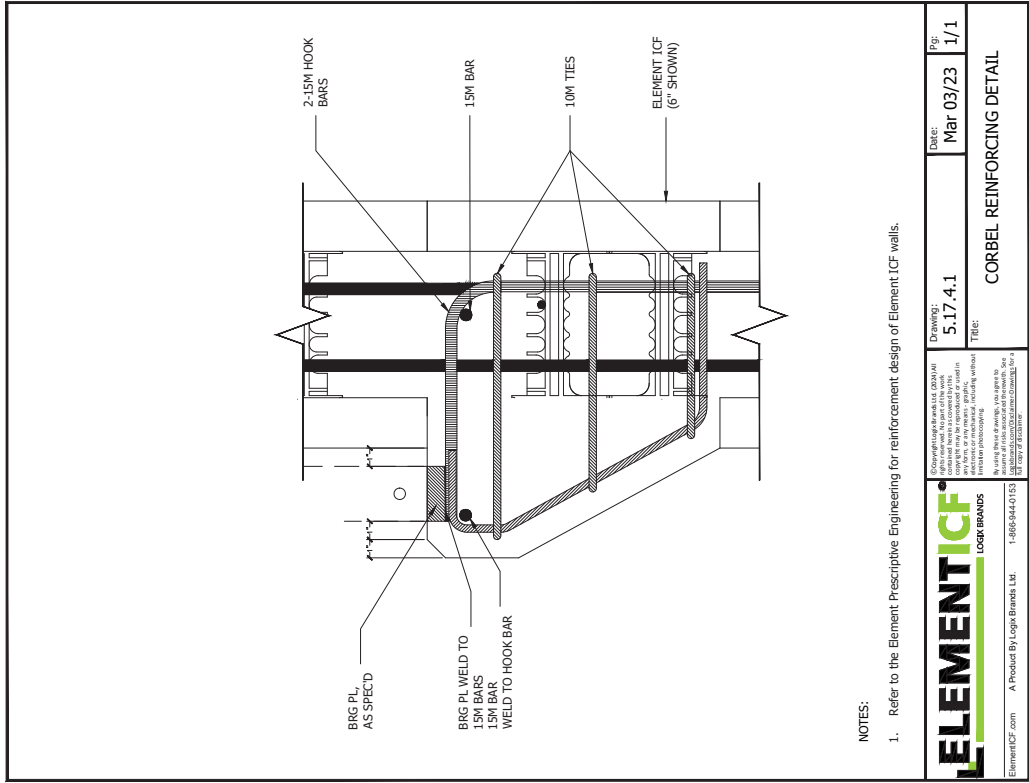
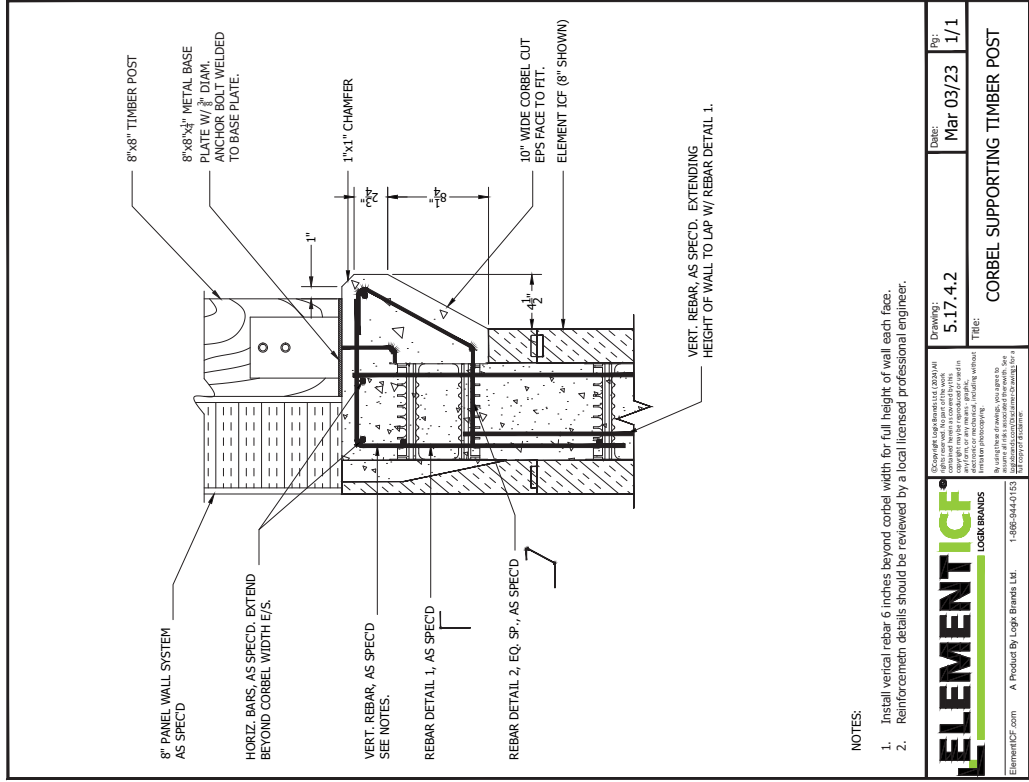
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ANGLE IRON SUPPORTING BRICK VENEER WITH WELDED STUDS



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5.17 - LEDGE & CORBELS: CAST-IN-PLACE CORBELS



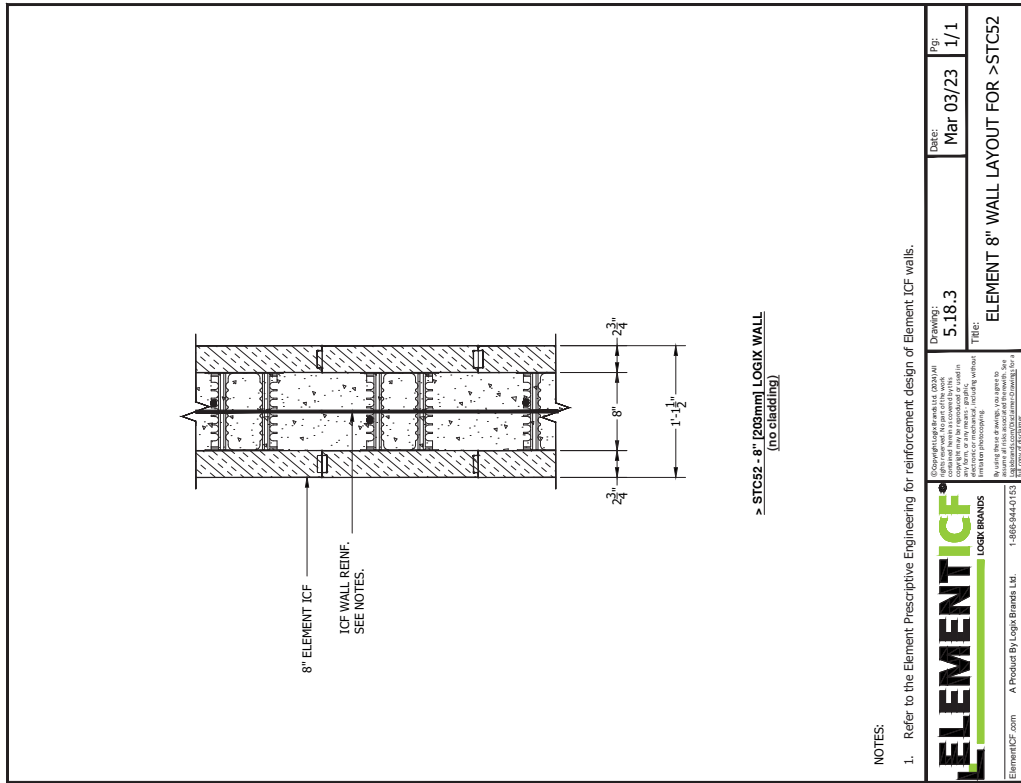
NOTES:
 1. Refer to the Element Prescriptive Engineering for reinforcement design of Element ICF walls.

NOTES:
 1. Install vertical rebar 6 inches beyond corbel width for full height of wall each face.
 2. Reinforcement details should be reviewed by a local licensed professional engineer.

	Drawing: 5.17.4.2 Title: CORBEL SUPPORTING TIMBER POST	Date: Mar 03/23 Fig: 1/1
	ElementICF.com A Product By Logix Brands Ltd. 1-888-944-0153 25/2024 12:58:40 PM	

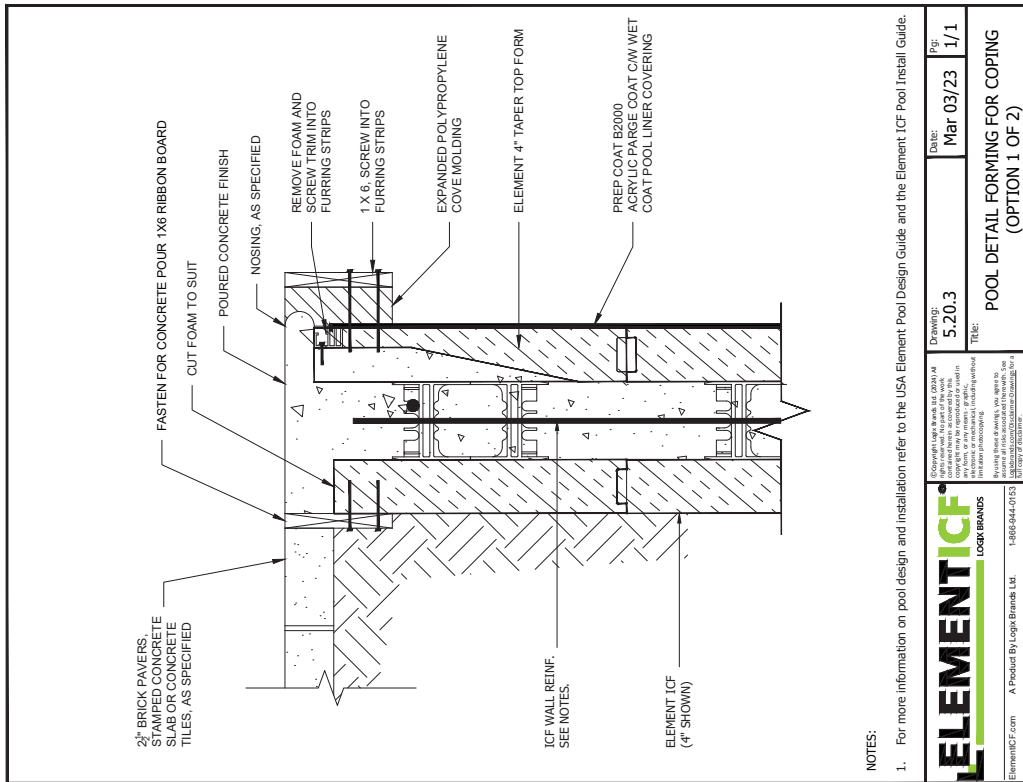
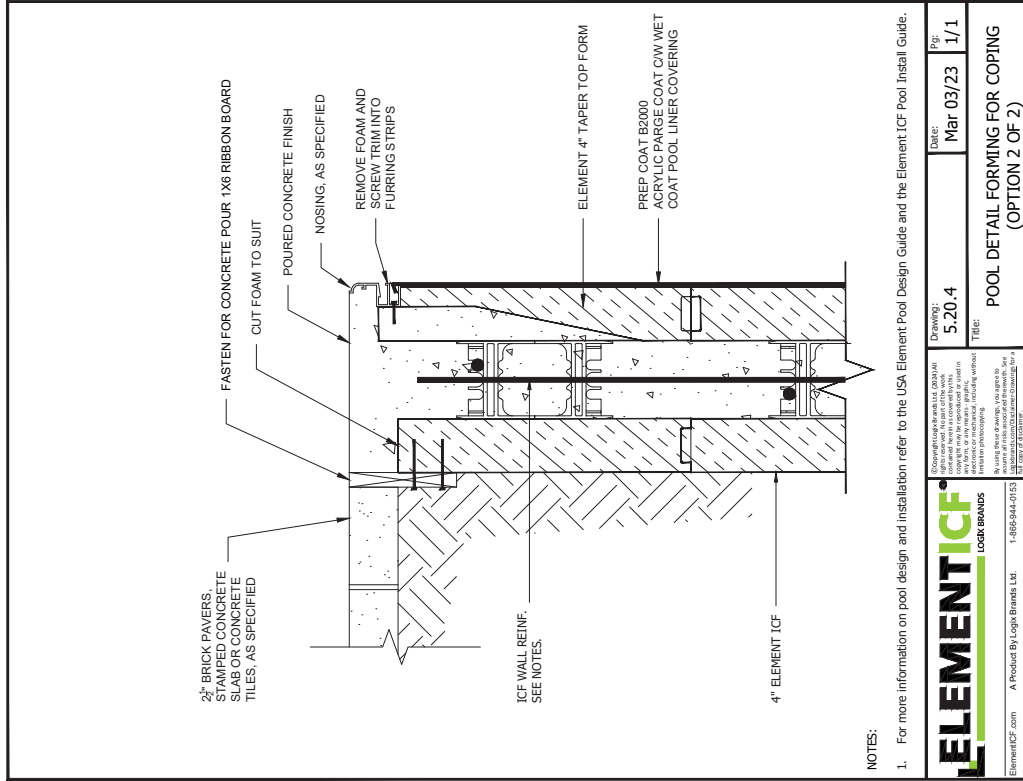
	Drawing: 5.17.4.1 Title: CORBEL REINFORCING DETAIL	Date: Mar 03/23 Fig: 1/1
	ElementICF.com A Product By Logix Brands Ltd. 1-888-944-0153 25/2024 12:58:40 PM	

5.18 - STC WALL ASSEMBLIES



5.20 - POOLS

5.20 - POOLS

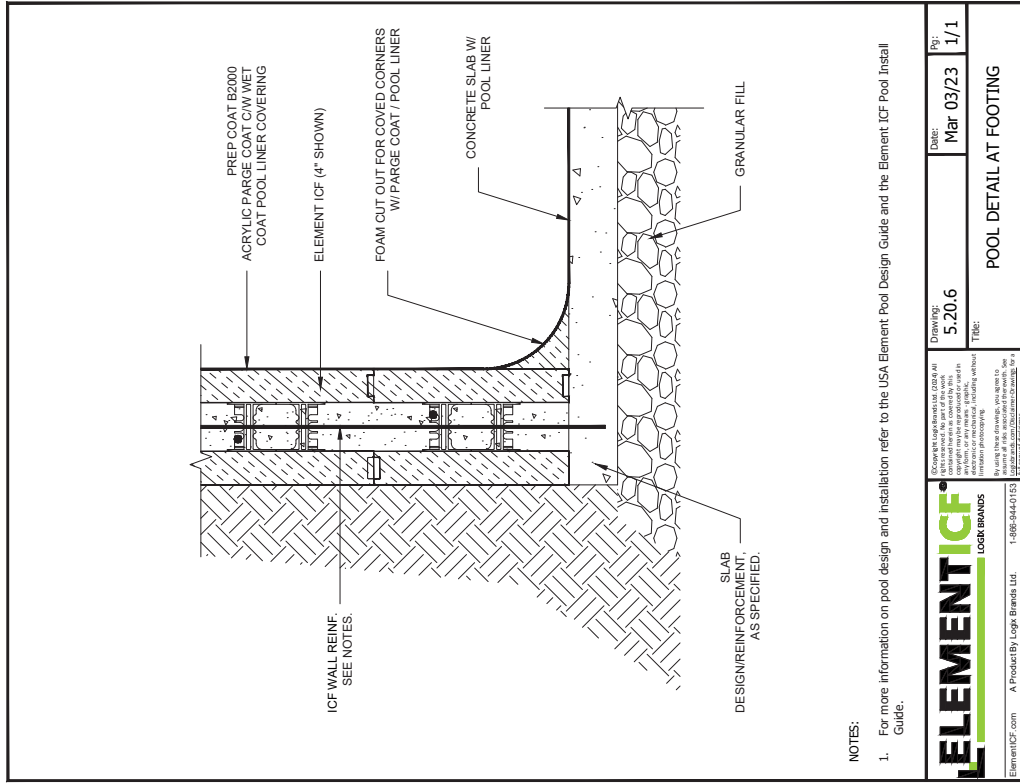


NOTES:

1. For more information on pool design and installation refer to the USA Element Pool Design Guide and the Element ICF Pool Install Guide.

	Drawing: 5:20.4 Title: POOL DETAIL FORMING FOR COPING (OPTION 2 OF 2)	Date: Mar 03/23 Fig: 1/1
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	Drawing: 5:20.3 Title: POOL DETAIL FORMING FOR COPING (OPTION 1 OF 2)	Date: Mar 03/23 Fig: 1/1
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NOTES:

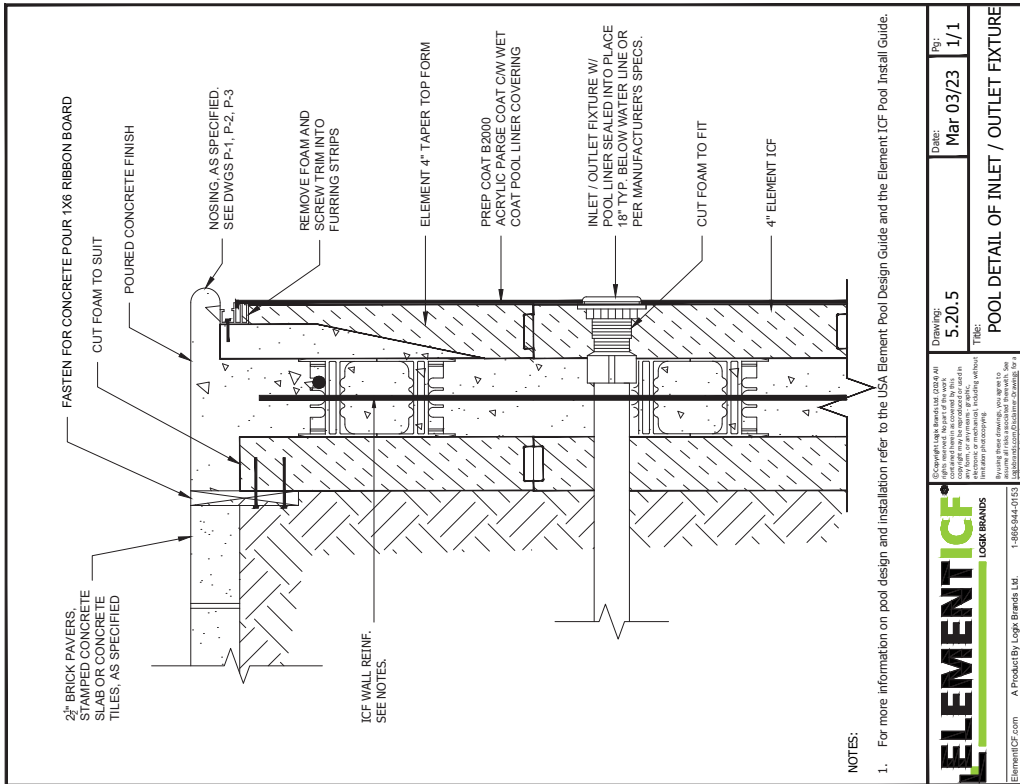
- For more information on pool design and installation refer to the USA Element Pool Design Guide and the Element ICF Pool Install Guide.

	Drawing: 5.20.6 Title:	Date: Mar 03/23 By: 1/1
	POOL DETAIL AT FOOTING	

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25/03/24 12:52:36 PM



NOTES:

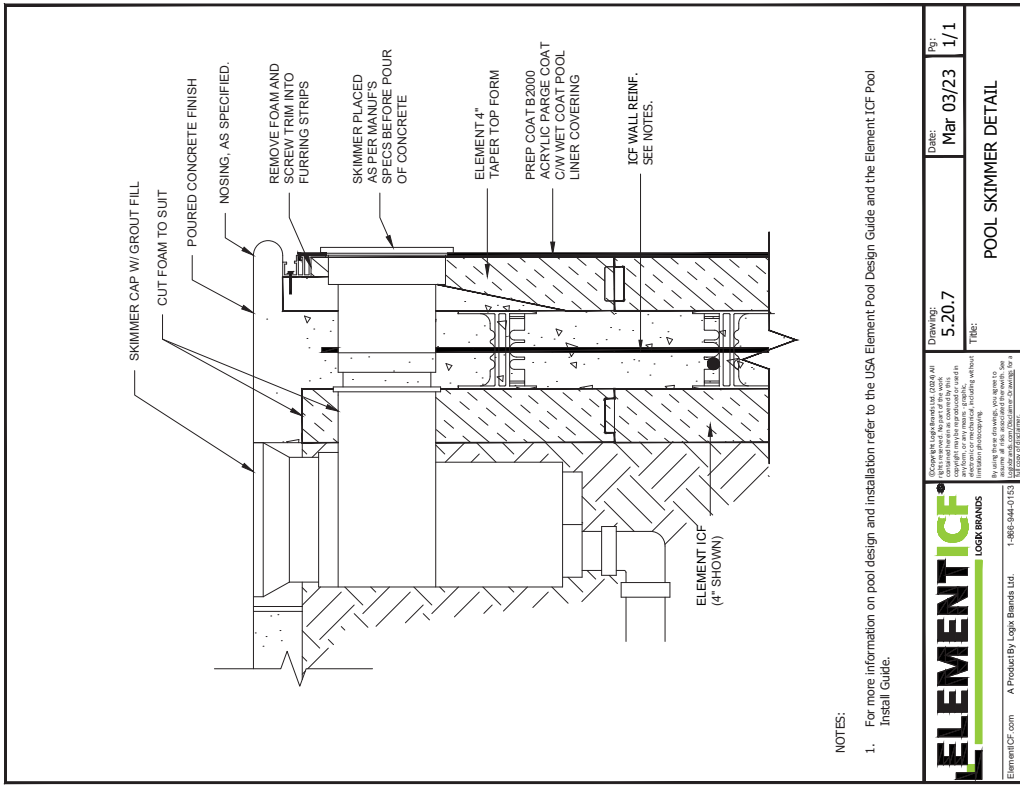
- For more information on pool design and installation refer to the USA Element Pool Design Guide and the Element ICF Pool Install Guide.

	Drawing: 5.20.5 Title:	Date: Mar 03/23 By: 1/1
	POOL DETAIL OF INLET / OUTLET FIXTURE	

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25/03/24 12:53:12 PM



	Drawing: 5.20.7 Title:	Date: Mar 03/23 Pg: 1/1
	POOL SKIMMER DETAIL	

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5.21 - PILASTERS

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1:31 Drawing: 5.21.1

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Drawings: 5.21.1

Title: SITE-BUILT PILASTER FORM SUPPORT EXAMPLE PERSPECTIVE

Date: Jun 16/25

Rev: 1/1

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1:31 Drawing: 5.21.2

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Drawings: 5.21.2

Title: VARIOUS SITE-BUILT PILASTER FORM SUPPORT EXAMPLES - PLAN VIEW

Date: Jun 16/25

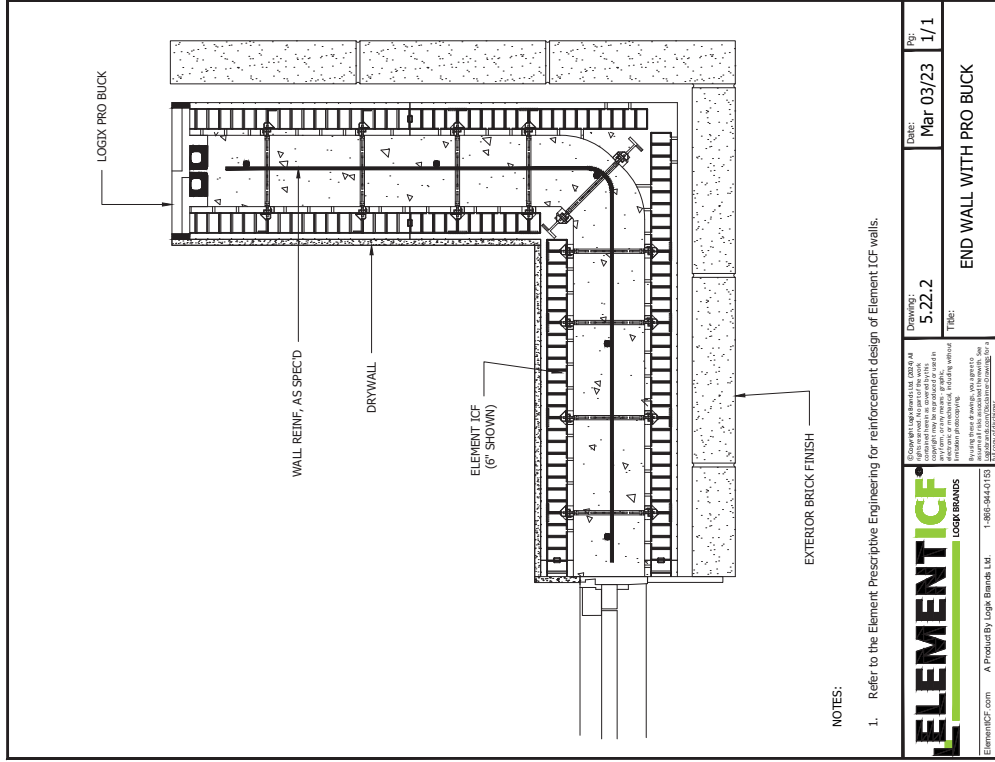
Rev: 1/3

NOTES:

1. Refer to the notes on the general notes for details on the use of the Element ICF system.
2. Refer to the notes on the general notes for details on the use of the Element ICF system.
3. Check availability of Element ICF forms with your local distributor.

5.22 - END WALLS

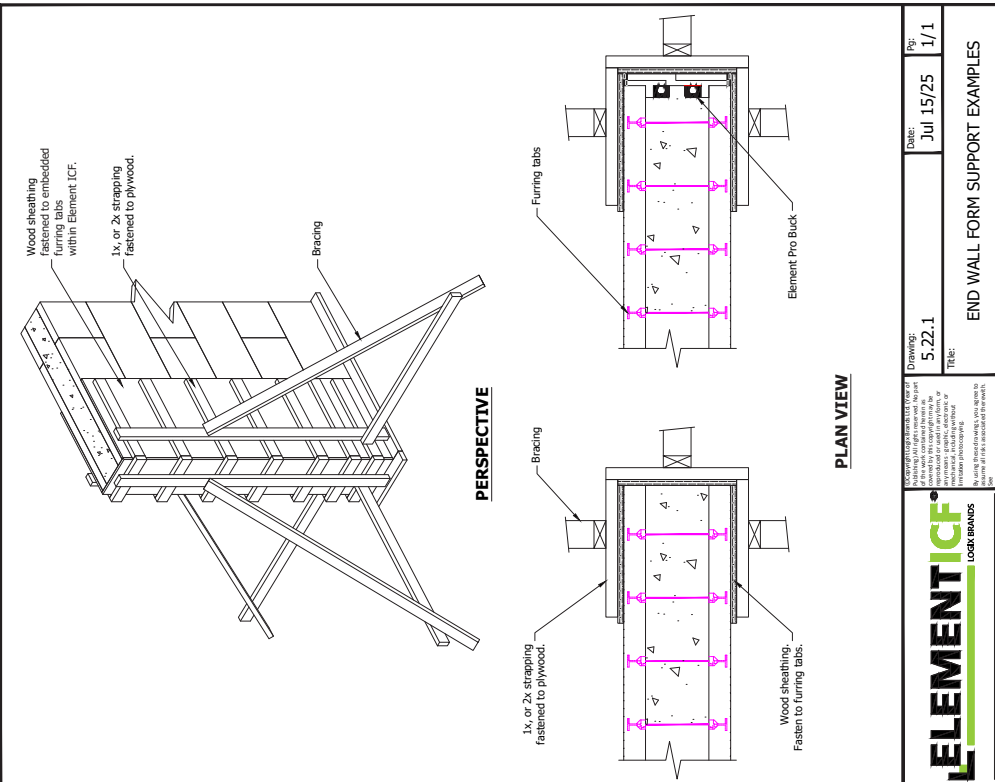
5.22 - END WALLS



NOTES:

1. Refer to the Element-Prescriptive Engineering for reinforcement design of Element ICF walls.

	Drawings: 5.22.2 Title: END WALL WITH PRO BUCK	Date: Mar-03/23 P#: 1/1
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PLAN VIEW

	Drawings: 5.22.1 Title: END WALL FORM SUPPORT EXAMPLES	Date: Jul-15/25 P#: 1/1
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