

HOBBS

Vertical ICF Wall System

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Go Easy.

Go Green.

Standard Contour Design Technical Drawings

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TABLE OF CONTENTS

ST-0.01	COVER PAGE
ST-0.01	TABLE OF CONTENTS
ST-0.02	TABLE OF CONTENTS
ST-0.03	LEGEND
ST-10.00	PLAN VIEW - WALL LAYOUT EXAMPLE
ST-10.01	FURRING ASSEMBLY - DETAILS
ST-10.02	RETAINER CLIP DETAILS
ST-20.00	STANDARD CONTOUR FOAM PANEL - DETAILS
ST-20.01	FLATWALL FOAM PANEL - DETAILS
ST-20.02	SINGLE TAPER TOP
ST-20.03	DOUBLE TAPER TOP
ST-20.04	SINGLE TAPER TOP FLAT WALL
ST-20.05	DOUBLE TAPER TOP FLATWALL
ST-30.00	ASSEMBLED FORM ELEVATION - FOUNDATION ONLY
ST-30.01	ASSEMBLED FORM ELEVATION - MULTI LEVEL
ST-30.02	ASSEMBLED FORM - SECTIONS F,G,H, & I
ST-30.03	ASSEMBLED FORM - SECTIONS J & K
ST-40.00	CONCRETE STRUCTURE CUT- AWAY ELEVATION - FOUNDATION ONLY
ST-40.01	CONCRETE STRUCTURE CUT- AWAY ELEVATION - MULTI LEVEL
ST-40.02	CONCRETE SECTIONS A,B,C & D - WITHOUT FORMS
ST-40.03	CONCRETE SECTIONS E & F - WITHOUT FORMS
ST-40.04	STEPPED FOOTING
ST-50.00	FOUNDATION ONLY WALL SECTION @ COLUMN
ST-50.01	FOUNDATION ONLY WALL SECTION @ COLUMN - DETAIL "A"
ST-50.02	WALL SECTION FOR STACKED ICFS
ST-50.03	WALL SECTION "B" FOR STACKED ICFS AT COLUMN
ST-50.04	CONCRETE SLAB ON GRADE TAPER TOP
ST-50.05	CONCRETE SLAB ON GRADE, STACKED ICFS
ST-50.06	EXTERIOR STACKED ICFS WITH SUSPENDED SLAB @ COLUMN
ST-50.07	INTERIOR STACKED ICFS WITH SUSPENDED SLAB @ WEB
ST-50.08	INTERIOR STACKED ICFS WITH SUSPENDED SLAB @ COLUMN
ST-50.09	BEAM POCKET AT COLUMN
ST-50.10	PARTY WALL, JOIST PERPENDICULAR AT COLUMN

TIP: We recommend you watch the slideshow at www.hobbsverticalicf.com before viewing these documents



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STANDARD CONTOUR DESIGN

COVER PAGE

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #: ST-00.01	
Revision Date: 02/26/2010		

TABLE OF CONTENTS

ST-50.11	PARTY WALL, JOIST PARALLEL AT COLUMN
ST-50.12	TRUSS TO ICF CONNECTION OPTION "A"
ST-50.13	TRUSS TO ICF CONNECTION OPTION "B"
ST-50.14	SLAB ON GRADE AT COLUMN
ST-50.15	FLOOR JOIST TO ICF CONNECTION "A"
ST-70.00	TYPICAL DOOR DETAIL
ST-70.01	TYPICAL WINDOW DETAIL
ST-70.02	STACKED WINDOW DETAIL
ST-100.00	90° CORNER DETAIL - PLAN VIEW
ST-100.01	45° CORNER DETAIL - PLAN VIEW
ST-100.02	70° CORNER DETAIL - PLAN VIEW
ST-100.03	4" OFFSET CORNER DETAIL - PLAN VIEW
ST-100.04	12" OFFSET CORNER DETAIL - PLAN VIEW
ST-100.05	TEE WALL DETAIL - PLAN VIEW
ST-100.06	FLATWALL WALL DETAIL - PLAN VIEW
ST-100.07	FULL HEIGHT INTERIOR PILASTER
ST-100.08	SHORT EXTERIOR BUTTRUSS

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LEGEND

FOAM PANEL PARTS (FP)

FP-SC = STANDARD CONTOUR FOAM PANEL

FP-FW = FLATWALL FOAM PANEL

FP-OC = OUTSIDE CORNER

FP-IC = INSIDE CORNER

FP-OS = OFFSET CORNER

FP-TW = TEE WALL

FP-TT = TAPER TOP

FURRING ASSEMBLY & ACCESSORIES (FA)

FA-ST = FURRING ASSEMBLY

FA-RC = RETAINER CLIP

FA-AB = ANGLE BASE

FA-OC-M = OUTSIDE CORNER METAL

FA-IC-M = INSIDE CORNER METAL

FA-OS-M = OFFSET CORNER METAL



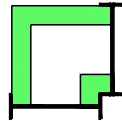
FOAM SECTION A



CONCRETE SECTION A

EXAMPLE:

COMPONENTS REQUIRED TO MAKE
A 90 deg. CORNER ASSEMBLY

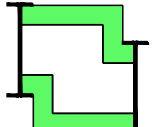


Qty.	DESCRIPTION	ITEM #
1	Outside Corner Foam Panel.	FP-OC-SR-90-9.00*
1	Inside Corner Foam Panel.	FP-IC-90-9.00*
1	Outside Corner Metal.	FA-OC-M-90-9.00*
1	Inside Corner Metal.	FA-IC-M-90-9.00*
2	Furring Assembly.	FA-ST-9.00*
8	Retainer Clips.	FA-RC

* Example of 9' wall.

EXAMPLE:

COMPONENTS REQUIRED TO MAKE
A 4" OFFSET CORNER ASSEMBLY

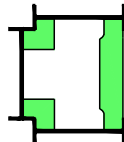


Qty.	DESCRIPTION	ITEM #
1	Outside Corner Foam Panel.	FP-OC-SR-90-4OS-9.00*
1	Inside Corner Foam Panel.	FP-IC-90-4OS-9.00*
1	Outside Corner Metal.	FA-OC-M-90-4OS-9.00*
1	Inside Corner Metal.	FA-IC-M-90-4OS-9.00*
2	Furring Assembly.	FA-ST-9.00*
8	Retainer Clips.	FA-RC

* Example of 9' wall.

EXAMPLE:

COMPONENTS REQUIRED TO MAKE
A TEE WALL ASSEMBLY

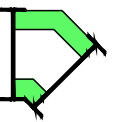


Qty.	DESCRIPTION	ITEM #
1	Tee Wall Foam Panel	FP-TW-SR-9.00*
2	Inside Corner Foam Panels.	FP-IC-90-9.00*
2	Inside Corner Metal.	FA-IC-M-90-9.00*
3	Furring Assemblies.	FA-ST-9.00*
12	Retainer Clips.	FA-RC

* Example of 9' wall.

EXAMPLE:

COMPONENTS REQUIRED TO MAKE
A 45 deg. CORNER ASSEMBLY



Qty.	DESCRIPTION	ITEM #
1	Outside Corner Foam Panel.	FP-OC-SR-45-9.00*
1	Inside Corner Foam Panel.	FP-IC-45-9.00*
1	Outside Corner Metal.	FA-OC-M-45-9.00*
1	Inside Corner Metal.	FA-IC-M-45-9.00*
2	Furring Assembly.	FA-ST-9.00*
8	Retainer Clips.	FA-RC

* Example of 9' wall.



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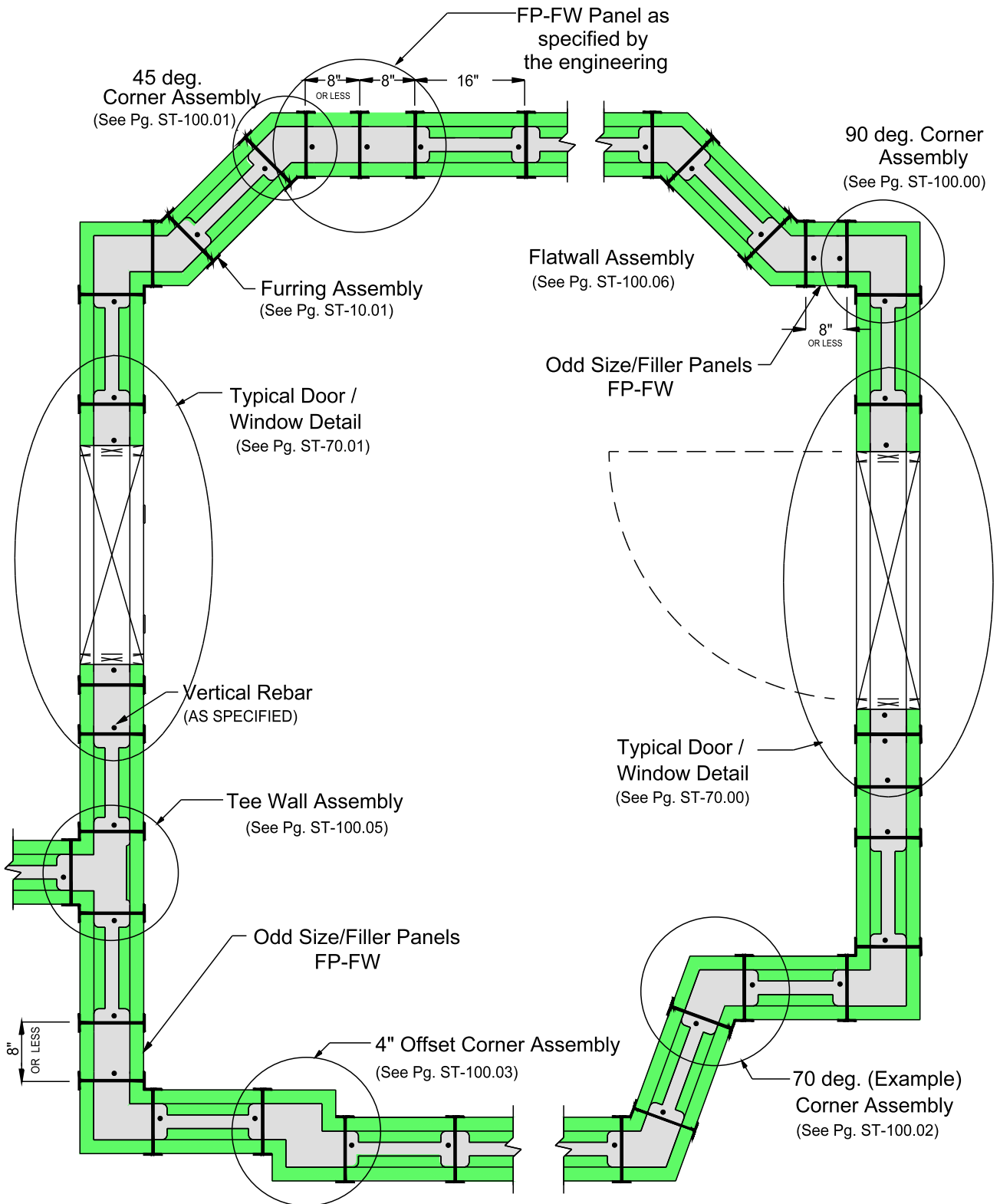
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STANDARD CONTOUR DESIGN

LEGEND

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 3	DWG #: ST-00.03	
Revision Date: 02/10/2010		



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PLAN VIEW
- WALL LAYOUT EXAMPLE

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05/08/2009

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S.K.V.

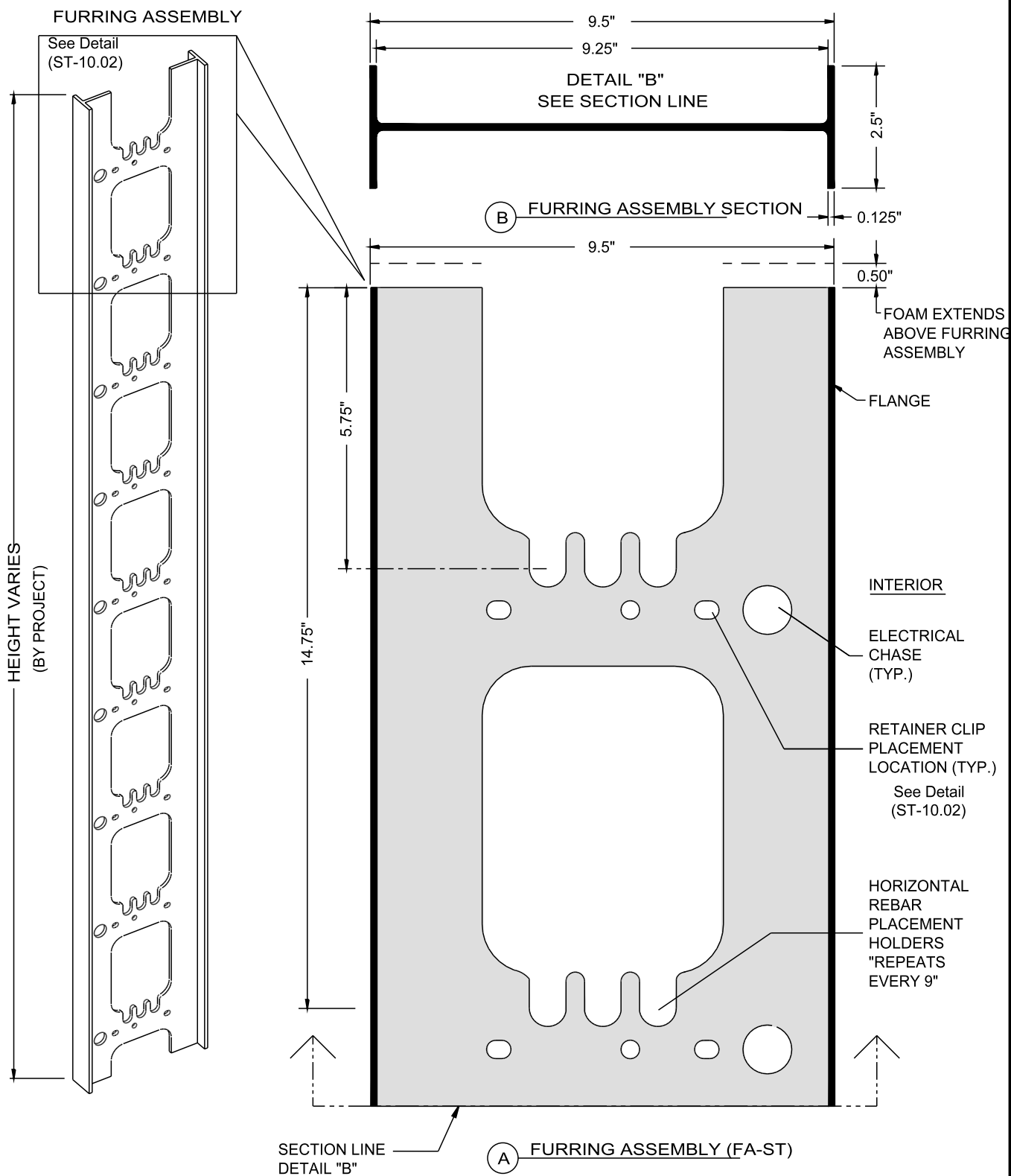
Scale:
N.T.S.

Revision #:
3

DWG #:

Revision Date:
02/15/2010

ST-10.00



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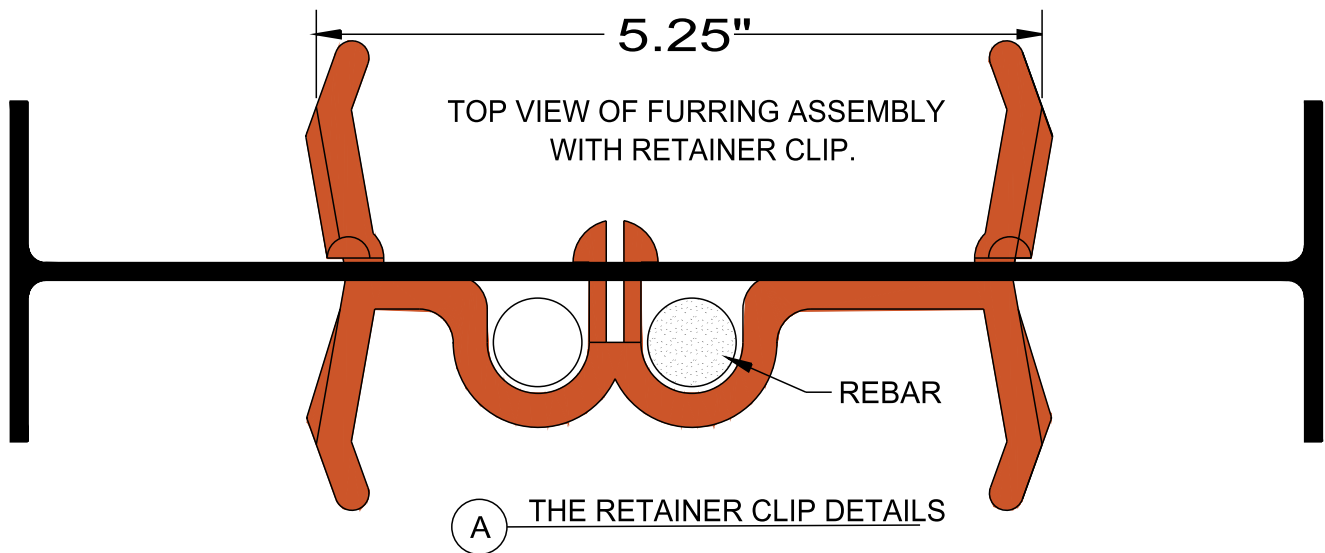
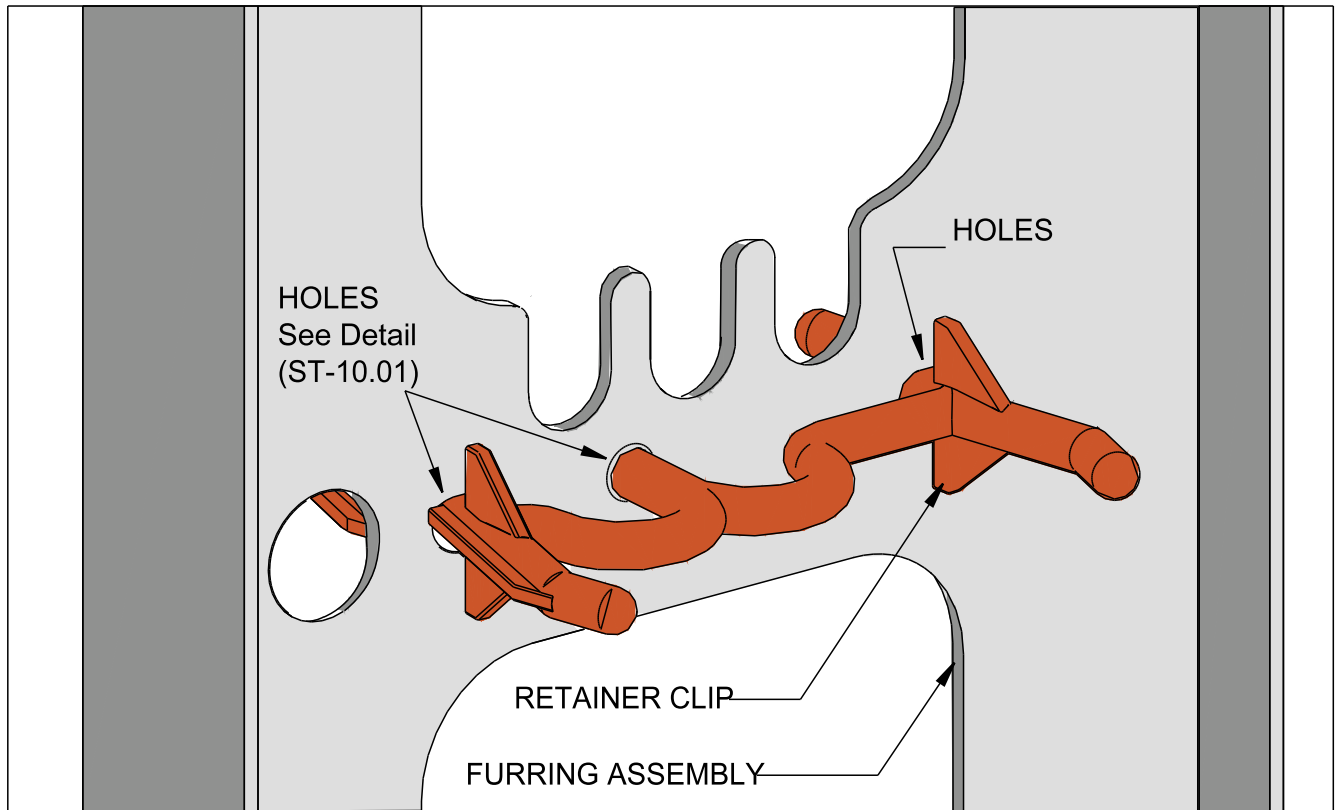
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FURRING ASSEMBLY - DETAILS

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Revision #: 2	DWG #:	
Revision Date: 01/11/2010	ST-10.01	



NOTE: RETAINER CLIPS ARE USED TO LOCATE & HOLD VERTICAL REBAR & FOAM PANELS IN POSITION. ONLY 2 ARE REQUIRED FOR EACH FURRING ASSEMBLY, ONE NEAR THE TOP & ONE NEAR THE BOTTOM.

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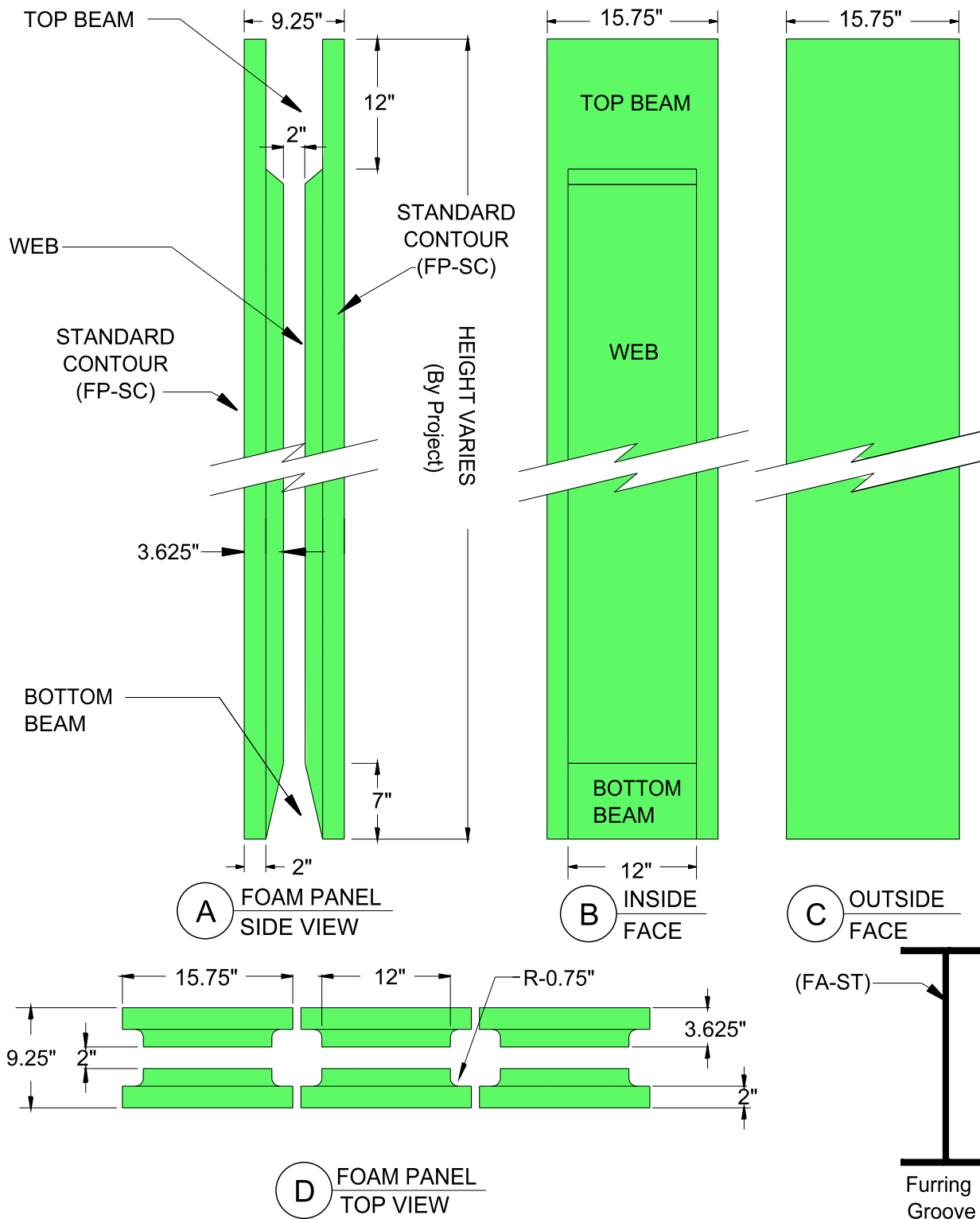
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STANDARD CONTOUR DESIGN

RETAINER CLIP
DETAILS

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
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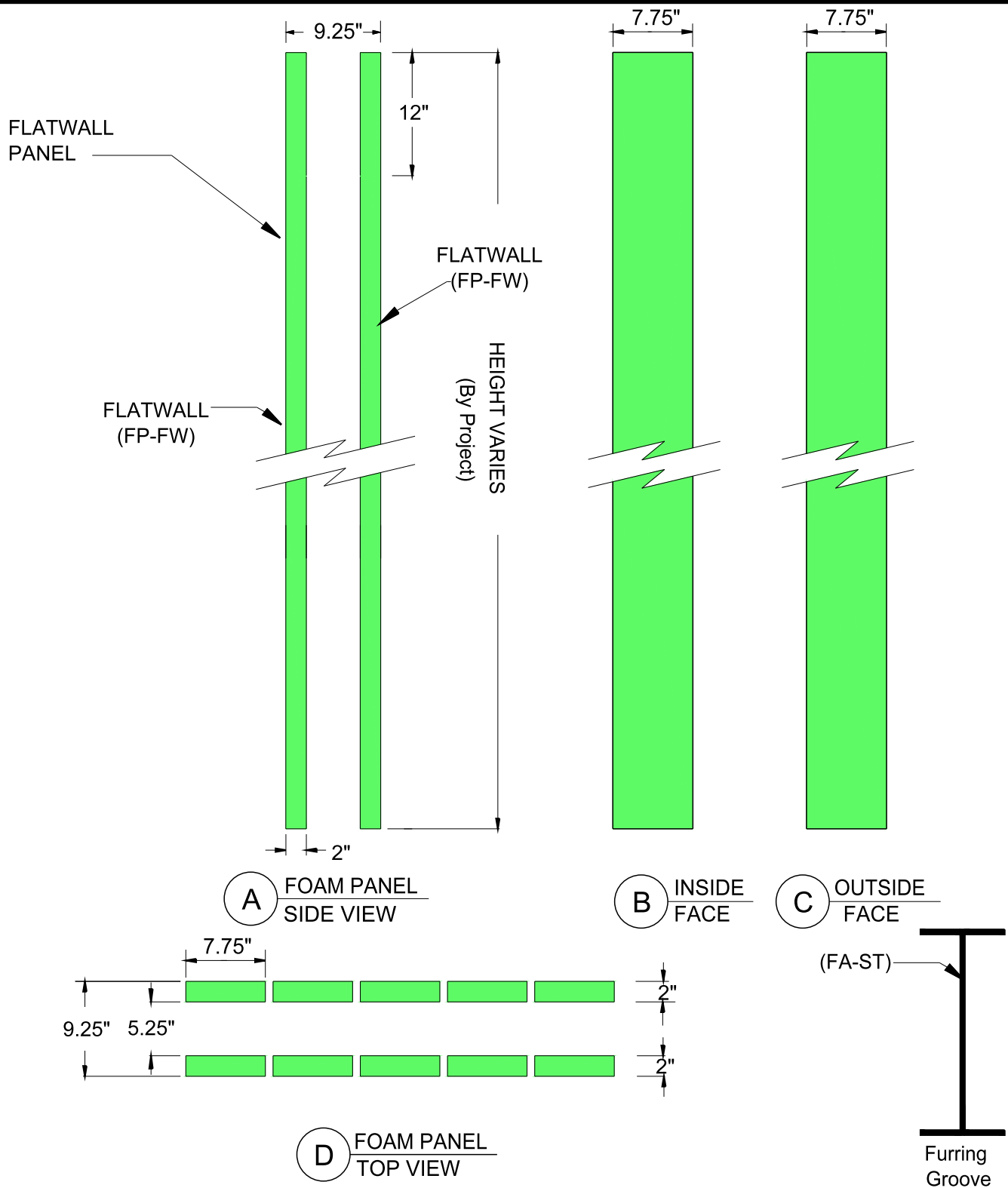
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STANDARD CONTOUR DETAILS

**STANDARD CONTOUR
FOAM PANEL - DETAILS**

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 12/11/2009	ST-20.00	



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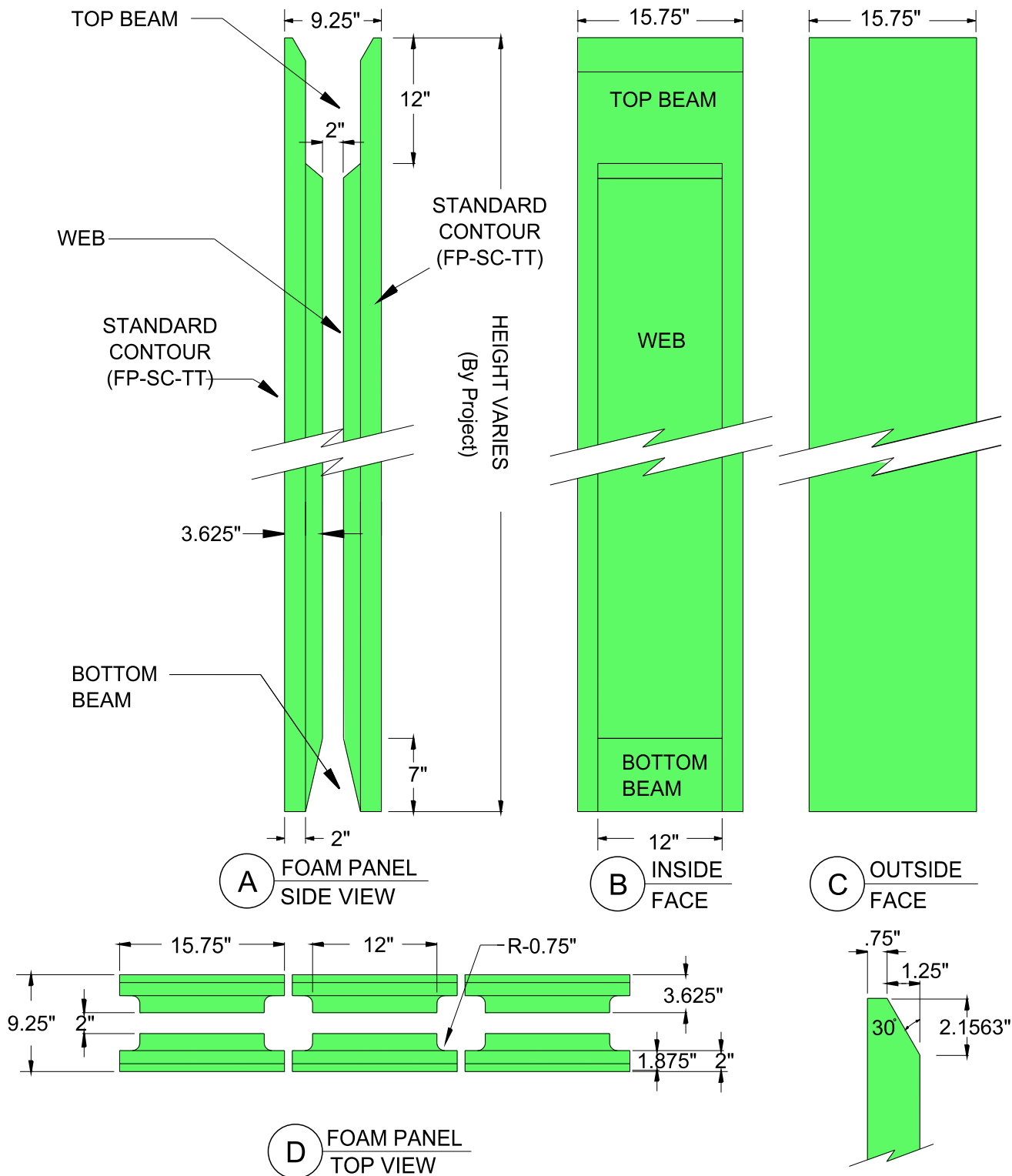
STANDARD CONTOUR DESIGN

FLATWALL FOAM PANEL - DETAILS

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #:	
Revision Date: 02/10/2010		

ST-20.01

Date: 01/25/2010	Drawn By: S.K.V.	Scale: N.T.S.
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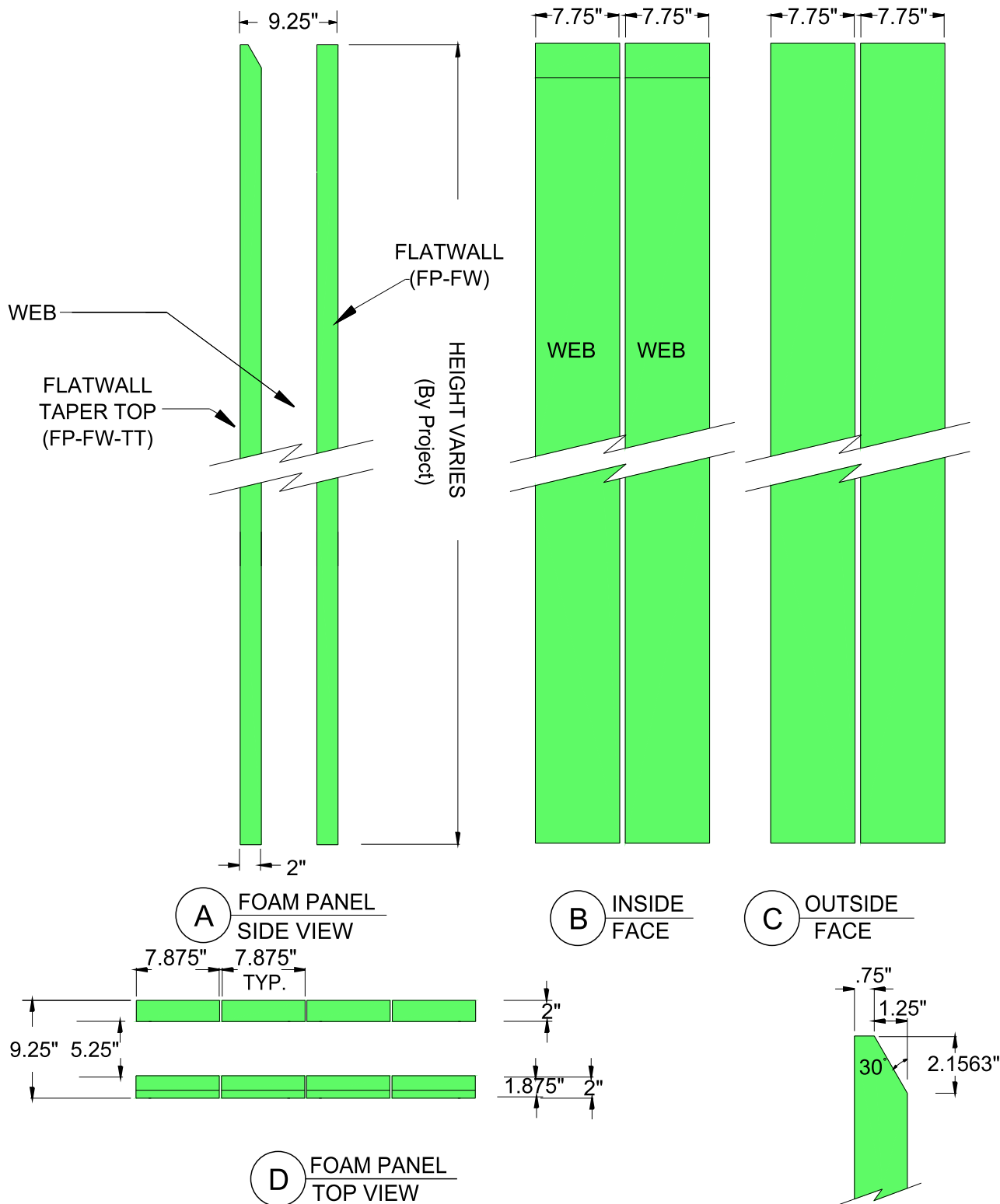
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STANDARD CONTOUR DETAILS

**STANDARD CONTOUR
FOAM PANEL - DOUBLE TAPER TOP - DETAILS**

Date: 01/25/2010	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 02/18/2010	ST-20.03	



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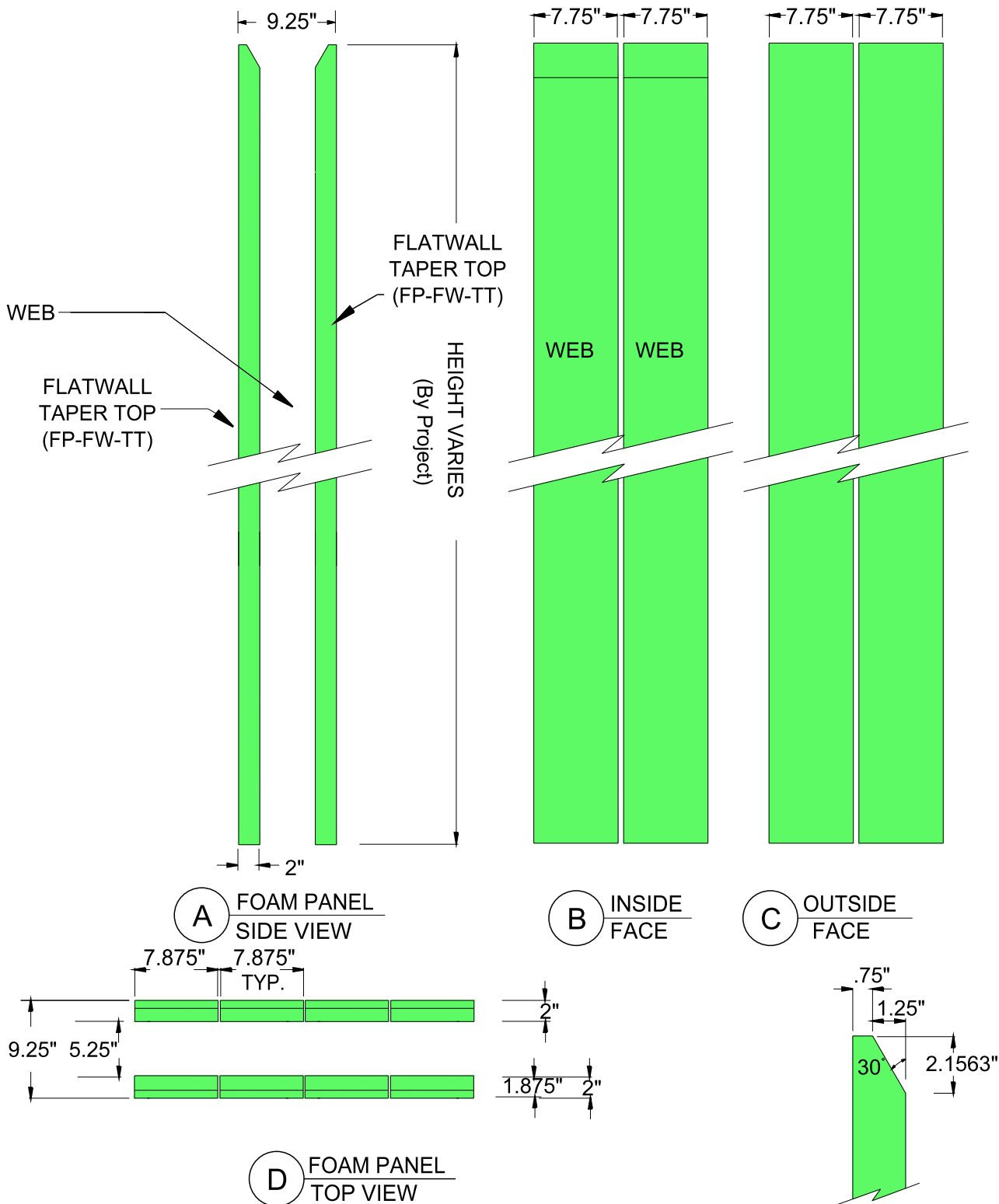
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FLATWALL FOAM PANEL - TAPER TOP - DETAILS

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STANDARD CONTOUR DESIGN

FLATWALL
FOAM PANEL - DOUBLE TAPER TOP - DETAILS

Date:
01/25/2010

Drawn By:
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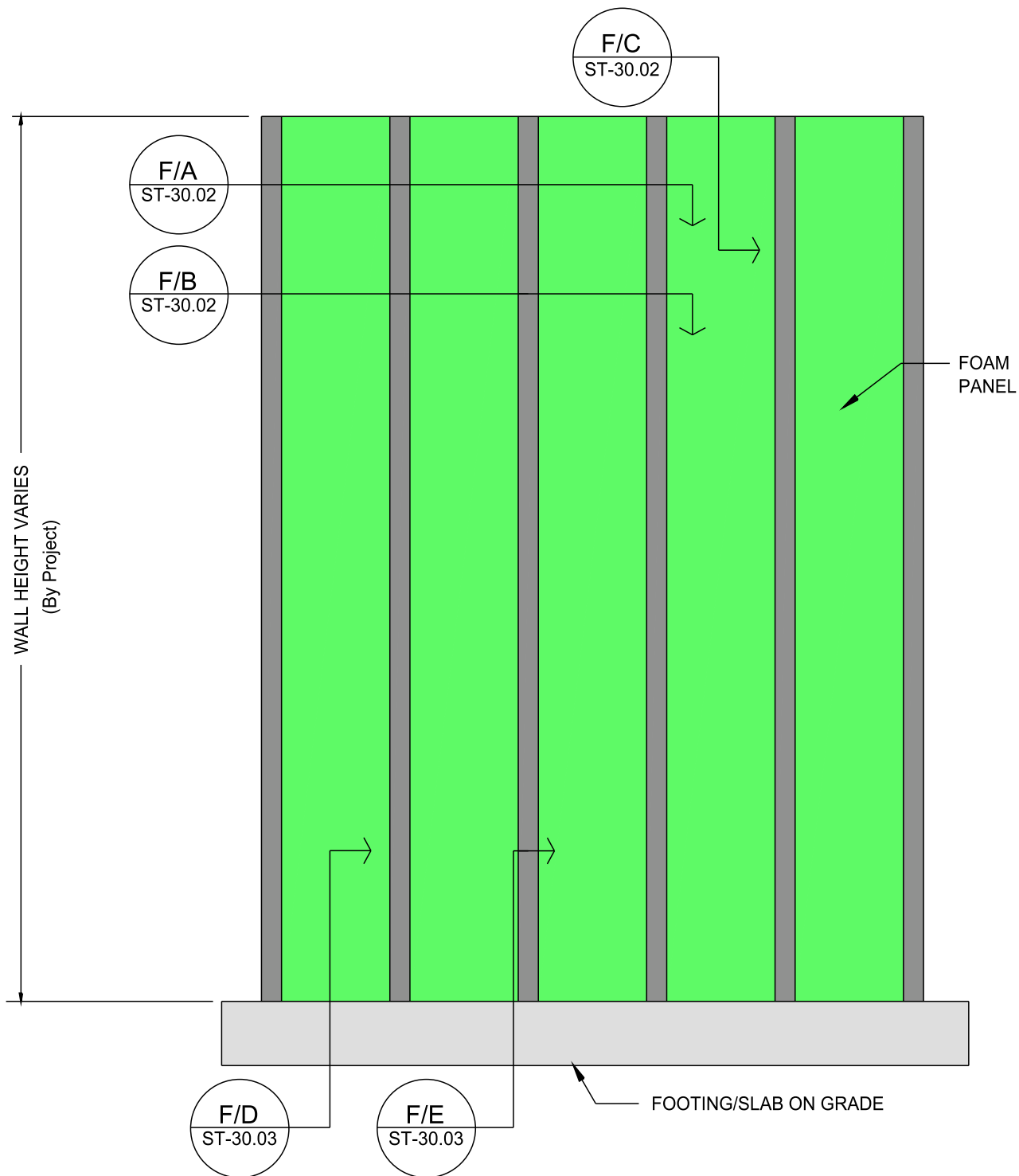
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ST-20.05



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**ASSEMBLED FORM ELEVATION
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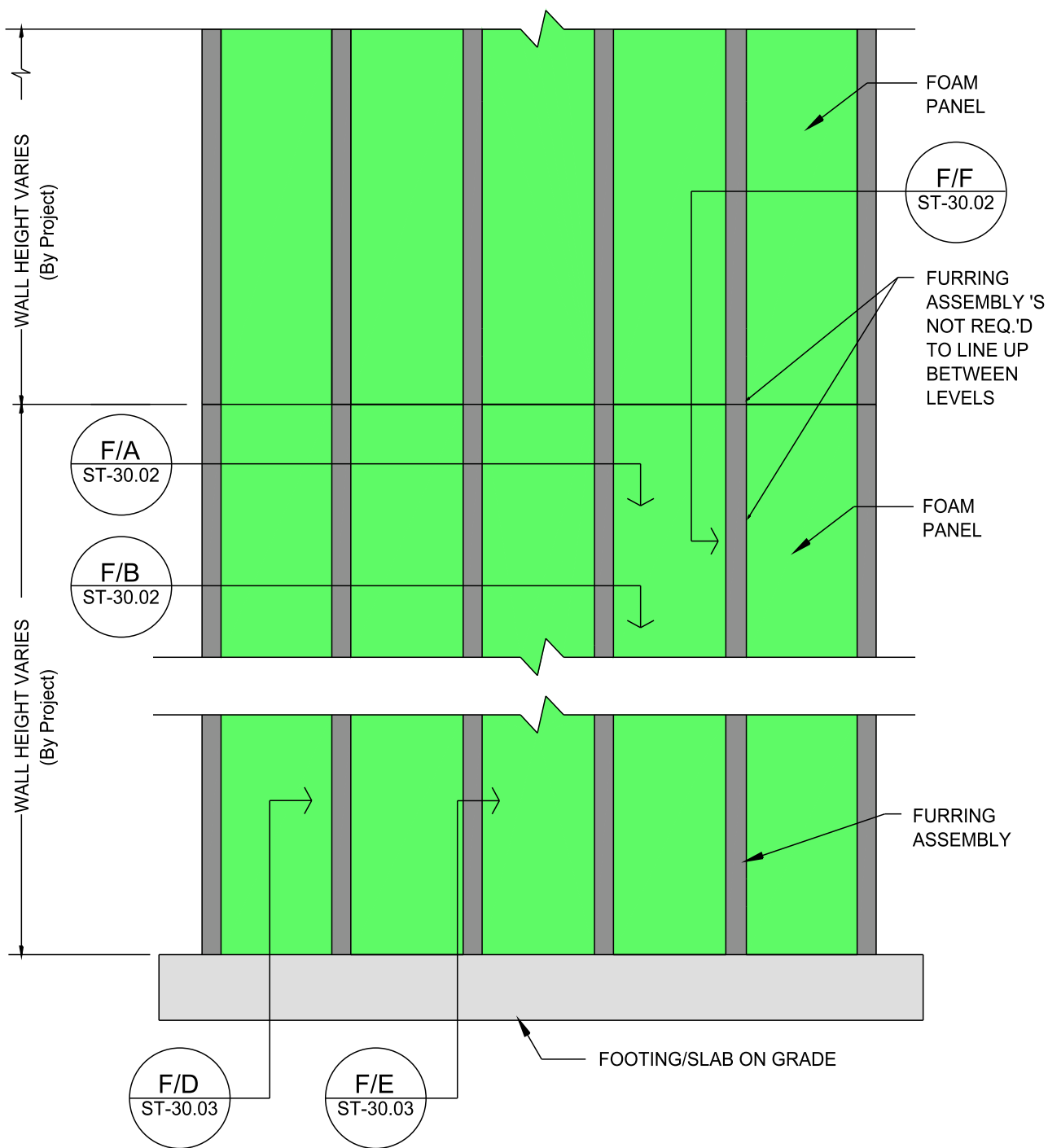
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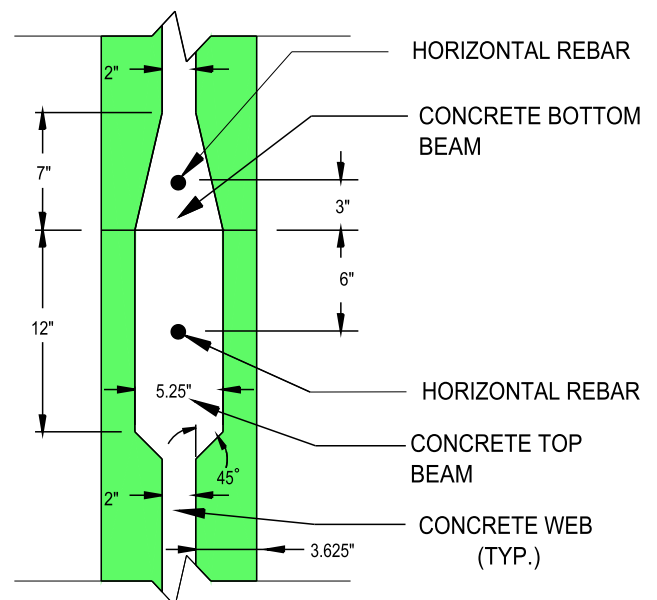
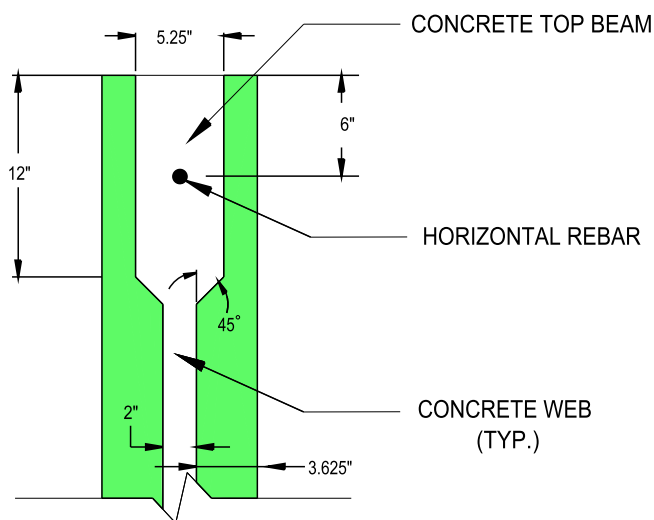
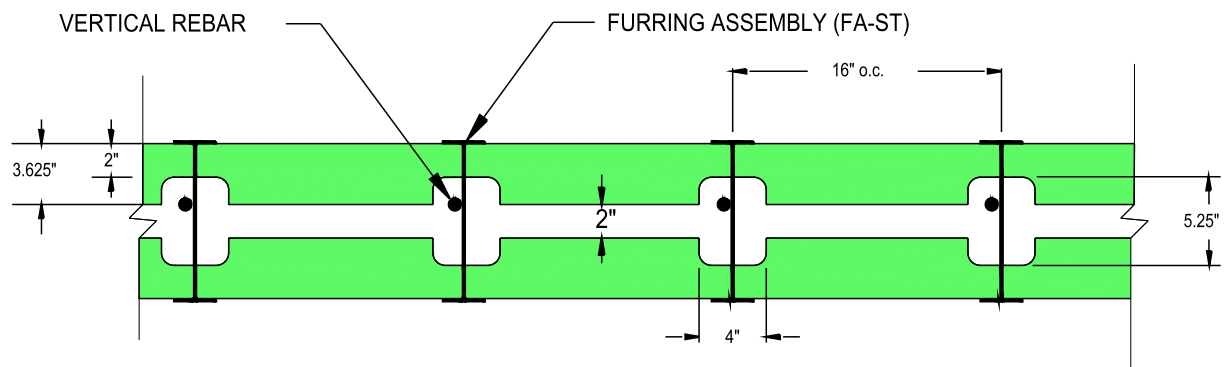
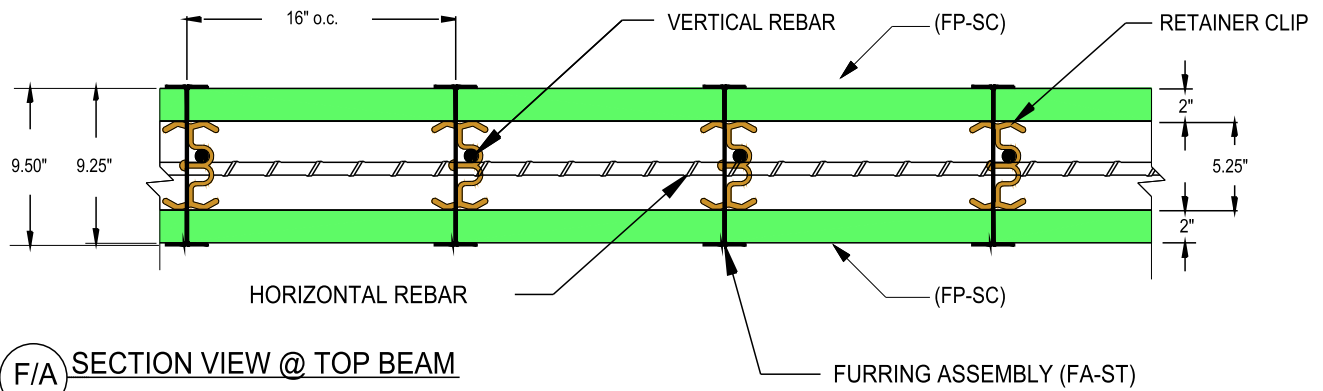
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STADARD CONTOUR DESIGN
ASSEMBLED FORM ELEVATION
- MULTI LEVEL

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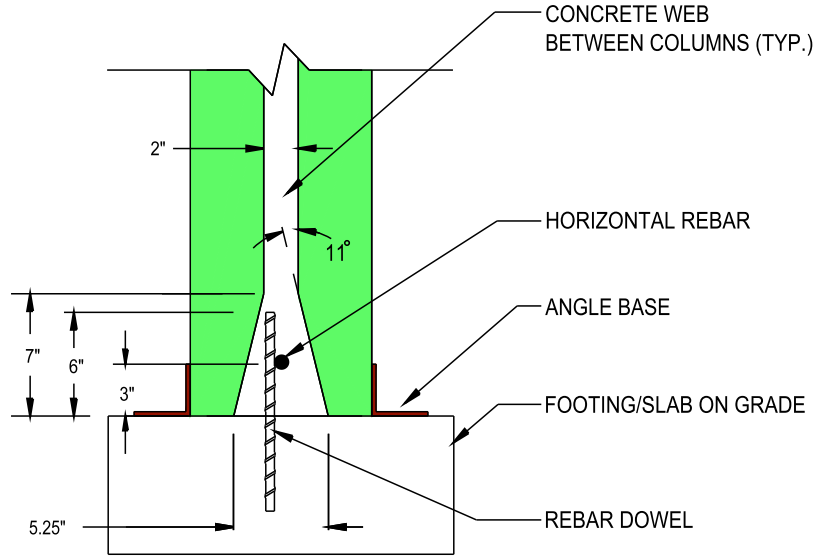
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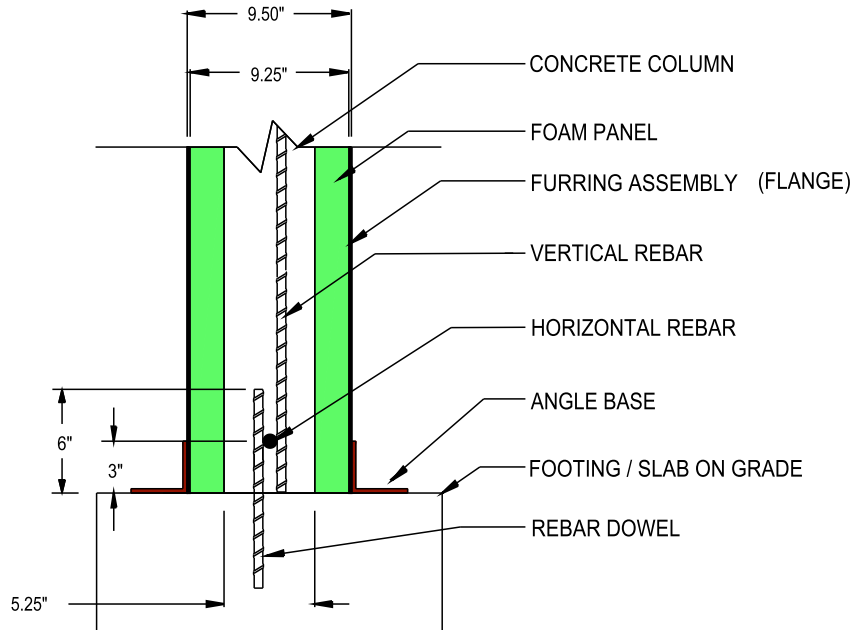
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ASSEMBLED FORM
- SECTIONS F,G,H,&I

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Revision Date: 01/11/2010		



F/D SECTION VIEW @ BOTTOM BEAM & WEB



F/E SECTION VIEW @ BOTTOM BEAM & COLUMN

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STANDARD CONTOUR DESIGN

ASSEMBLE FORM
- SECTION J & K

Date:
05/08/2009

Drawn By:
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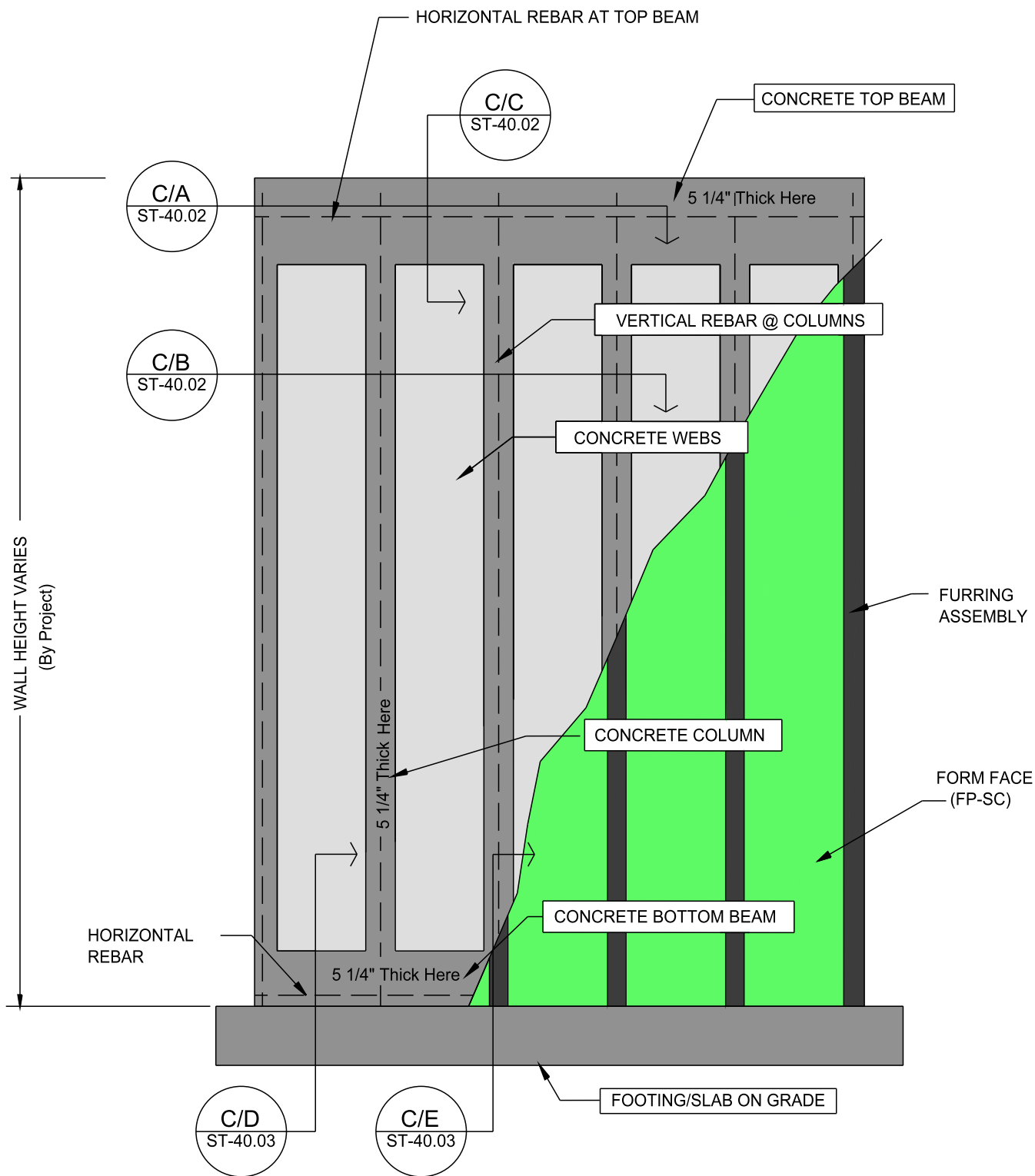
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Revision Date:
01/11/2010

ST-30.03



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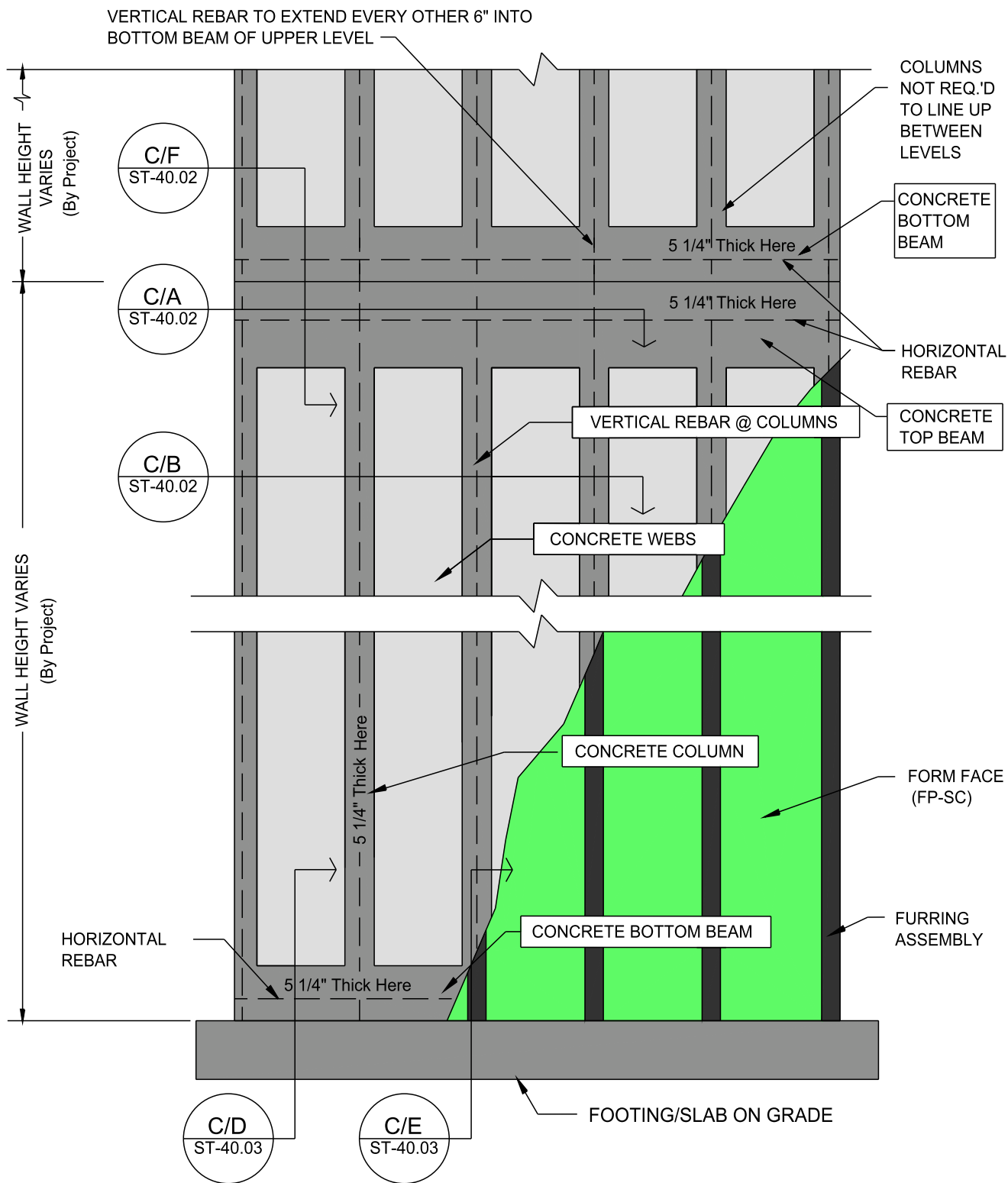
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STANDARD CONTOUR DESIGN

CONCRETE STRUCTURE CUT-AWAY ELEVATION - FOUNDATION ONLY

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Revision #: 2	DWG #: ST-40.00	
Revision Date: 1/11/2010		



NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

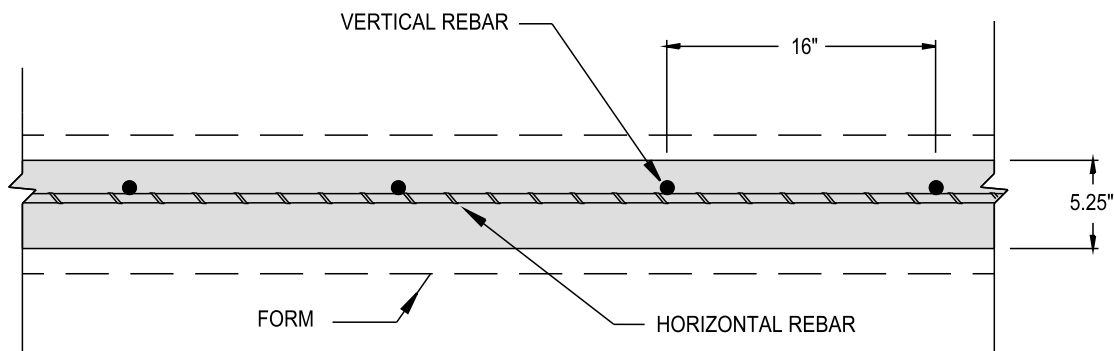
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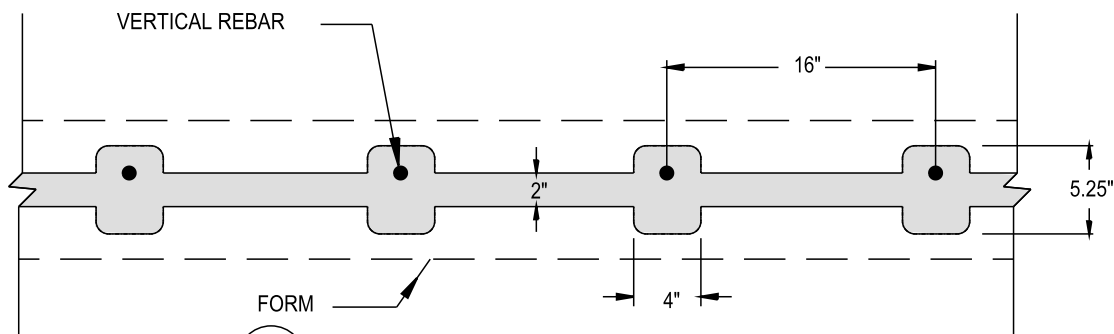
STANDARD CONTOUR DESIGN

CONCRETE STRUCTURE CUT-AWAY ELEVATION - MULTI LEVEL

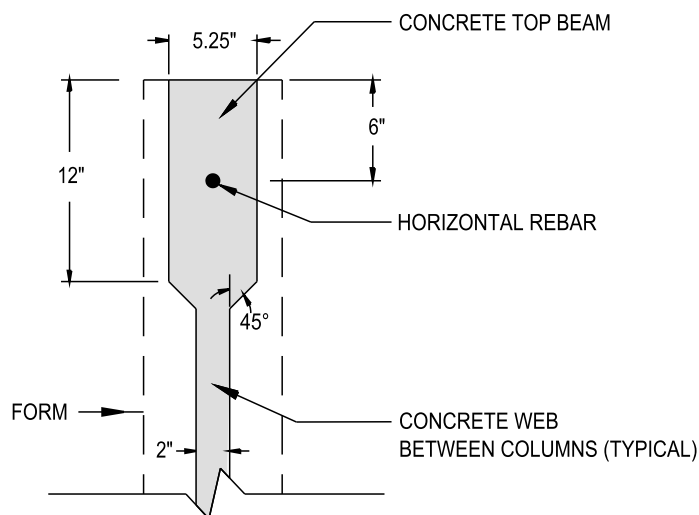
Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #: ST-40.01	
Revision Date: 01/11/2010		



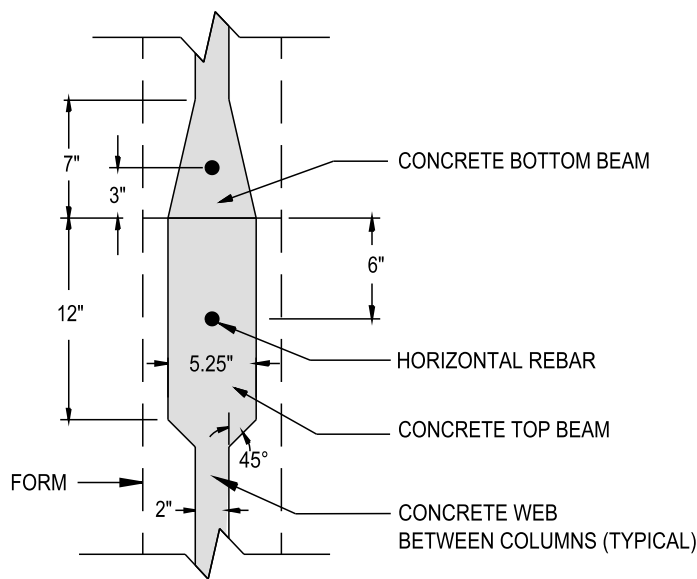
C/A SECTION VIEW OF CONCRETE @ TOP BEAM



C/B SECTION VIEW OF CONCRETE @ COLUMNS & WEB



C/C SECTION VIEW OF CONCRETE @ TOP BEAM & WEB



C/F SECTION VIEW OF CONCRETE @ TOP BEAM & BEAM

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HOBBS
Vertical ICF Wall System

Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

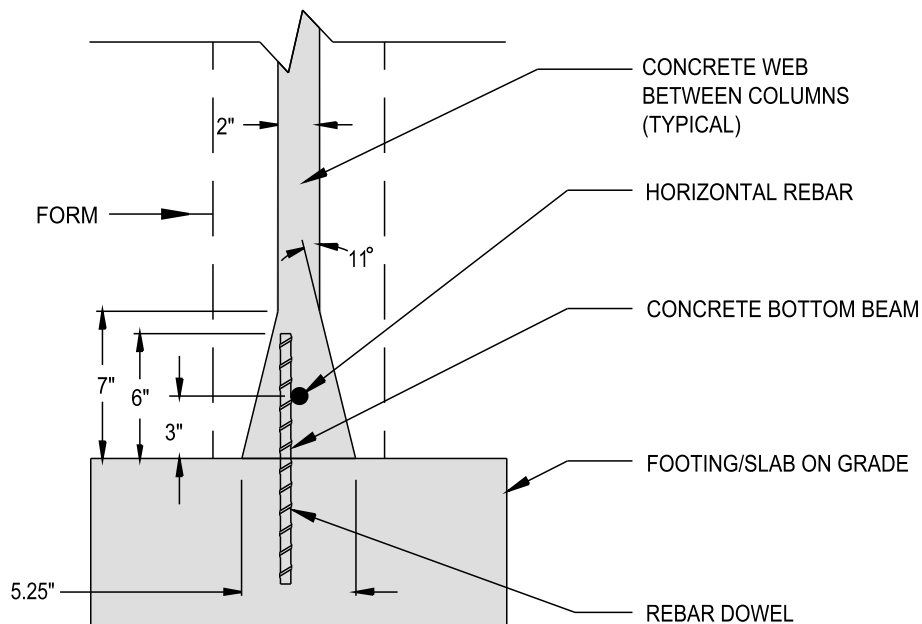
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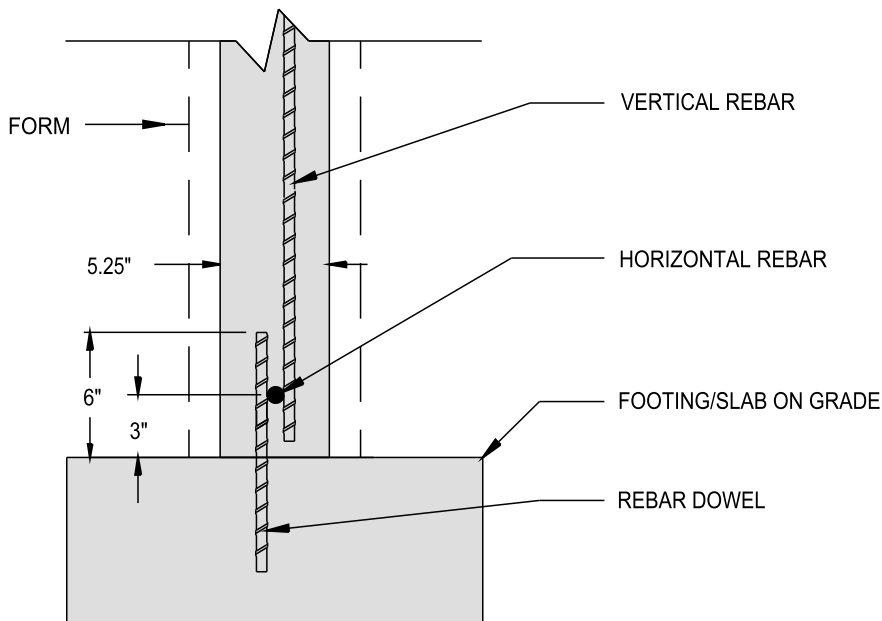
STANDARD CONTOUR DESIGN
CONCRETE SECTIONS
A, B, C, & D
- WITHOUT FORMS

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #:	
Revision Date: 01/11/2010		

ST-40.02



C/D SECTION VIEW @ BOTTOM BEAM & WEB



C/E SECTION VIEW @ COLUMN

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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

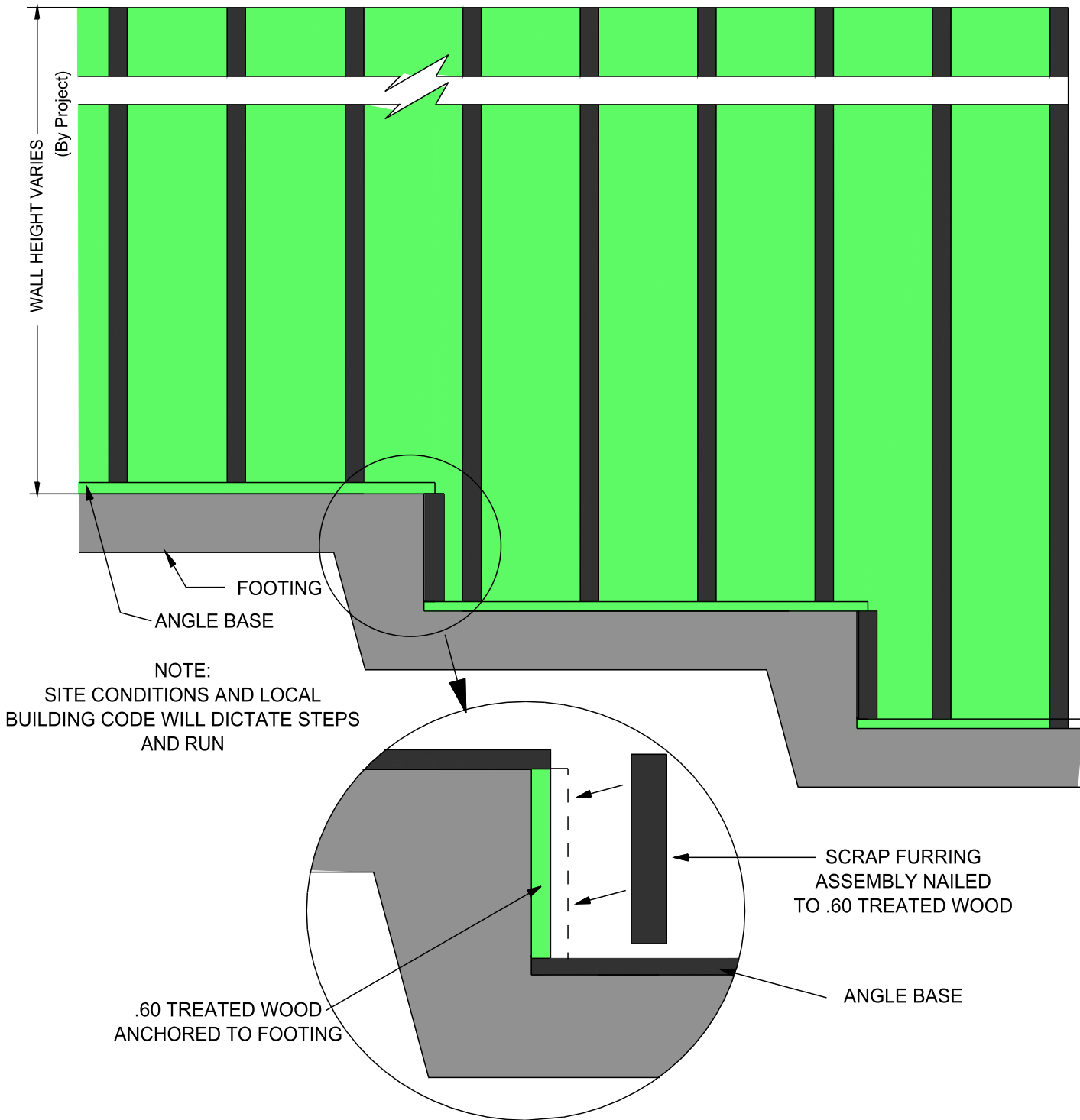
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STANDARD CONTOUR DESIGN

CONCRETE SECTIONS
E & F - WITHOUT FORMS

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #:	
Revision Date: 01/11/2010	ST-40.03	



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Vertical ICF Wall System

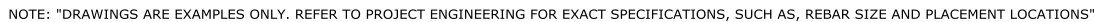
Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN
CONCRETE STRUCTURE
STEPPED FOOTING

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #: ST-40.04	
Revision Date: 02/23/2010		



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Fax: (515) 974-4399
Toll free: 866-904-9255

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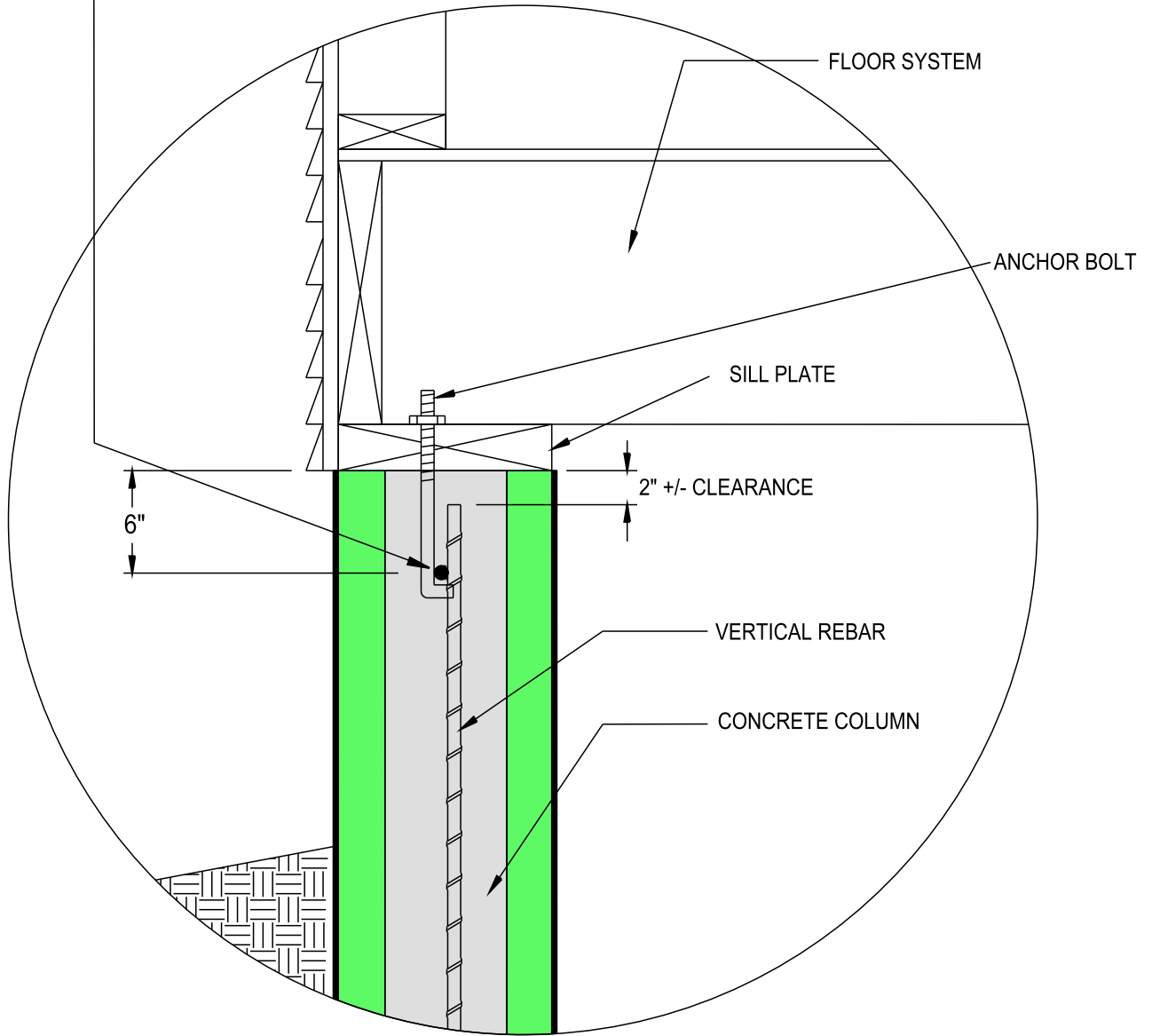
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STANDARD CONTOUR DESIGN

FOUNDATION ONLY
WALL SECTION @ COLUMN

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	ST-50.00
Revision Date: 12/11/2009		

HORIZONTAL REBAR
@ TOP BEAM



FOUNDATION ONLY WALL SECTION @ COLUMN - DETAIL "A"

NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

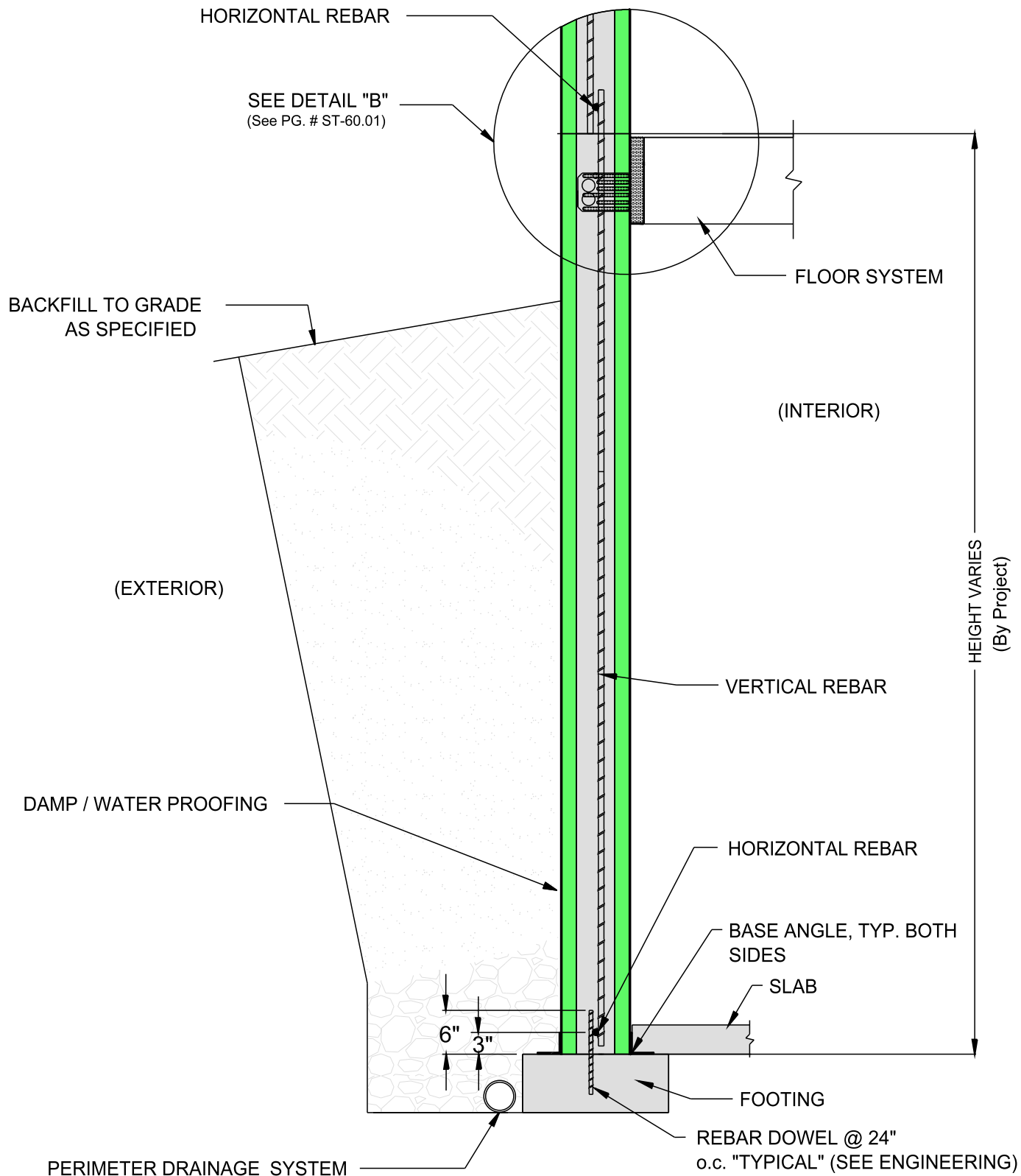
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STANDARD CONTOUR DESIGN

FOUNDATION ONLY
WALL SECTION @
COLUMN - DETAIL "A"

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.01	
Revision Date: 12/11/2009		



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Vertical ICF Wall System

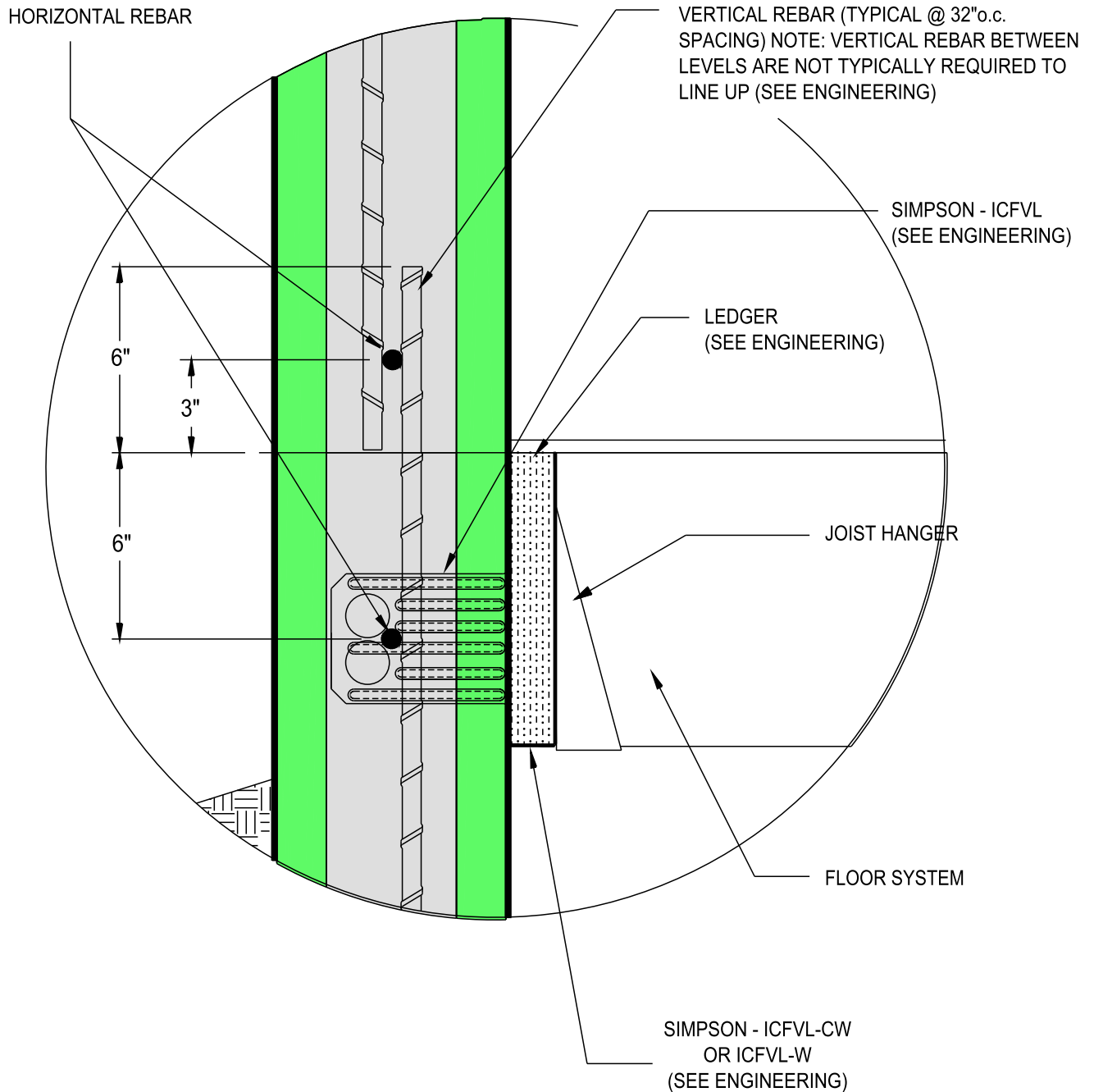
Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN
FOUNDATION & UPPER LEVEL
WALL SECTION @ COLUMN

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.02	
Revision Date: 12/11/2009		



FOUNDATION & UPPER LEVEL @ COLUMN - DETAIL "B"

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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

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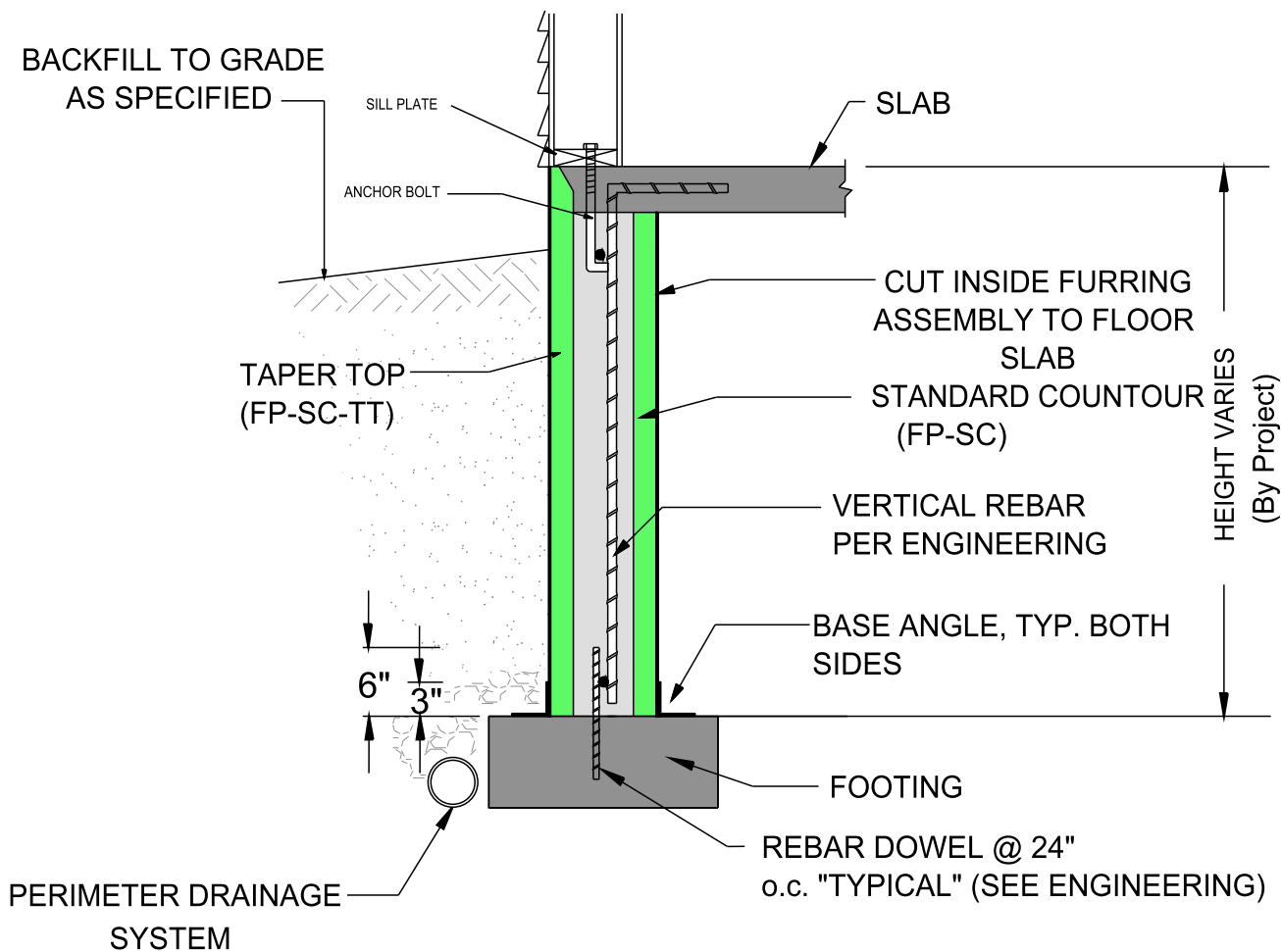
STANDARD CONTOUR DESIGN

FOUNDATION & UPPER LEVEL

WALL SECTION

@ COLUMN - DETAIL "B"

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.03	
Revision Date: 12/11/2009		



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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

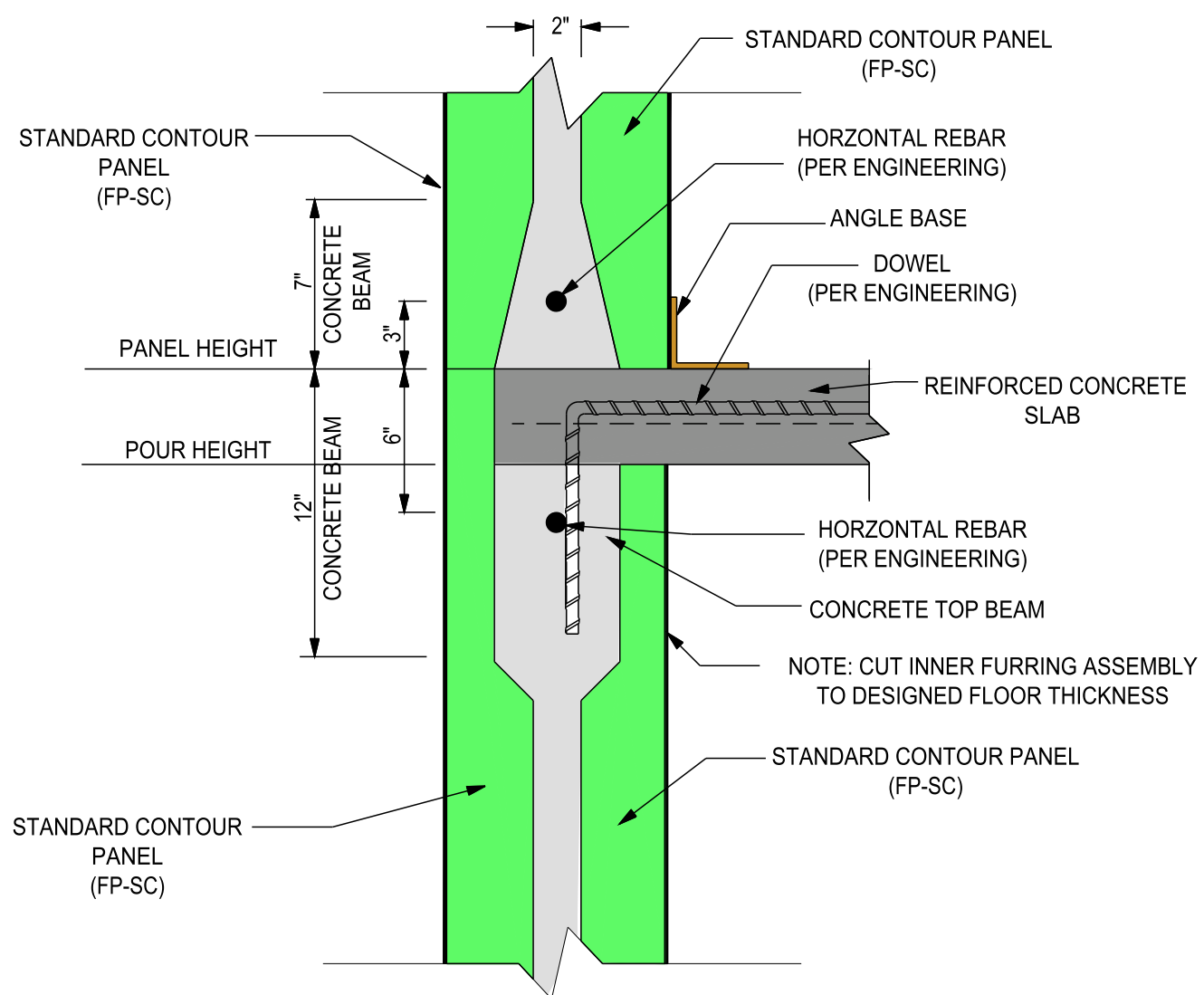
Toll free: 866-904-9255

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**STANDARD CONTOUR
AND TAPER TOP DESIGN
CONCRETE SLAB LEDGE
@ COLUMN**

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.04	
Revision Date: 02/19/2010		



REINFORCED CONCRETE FLOOR SLAB DETAIL @ WEB EXTERIOR

NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

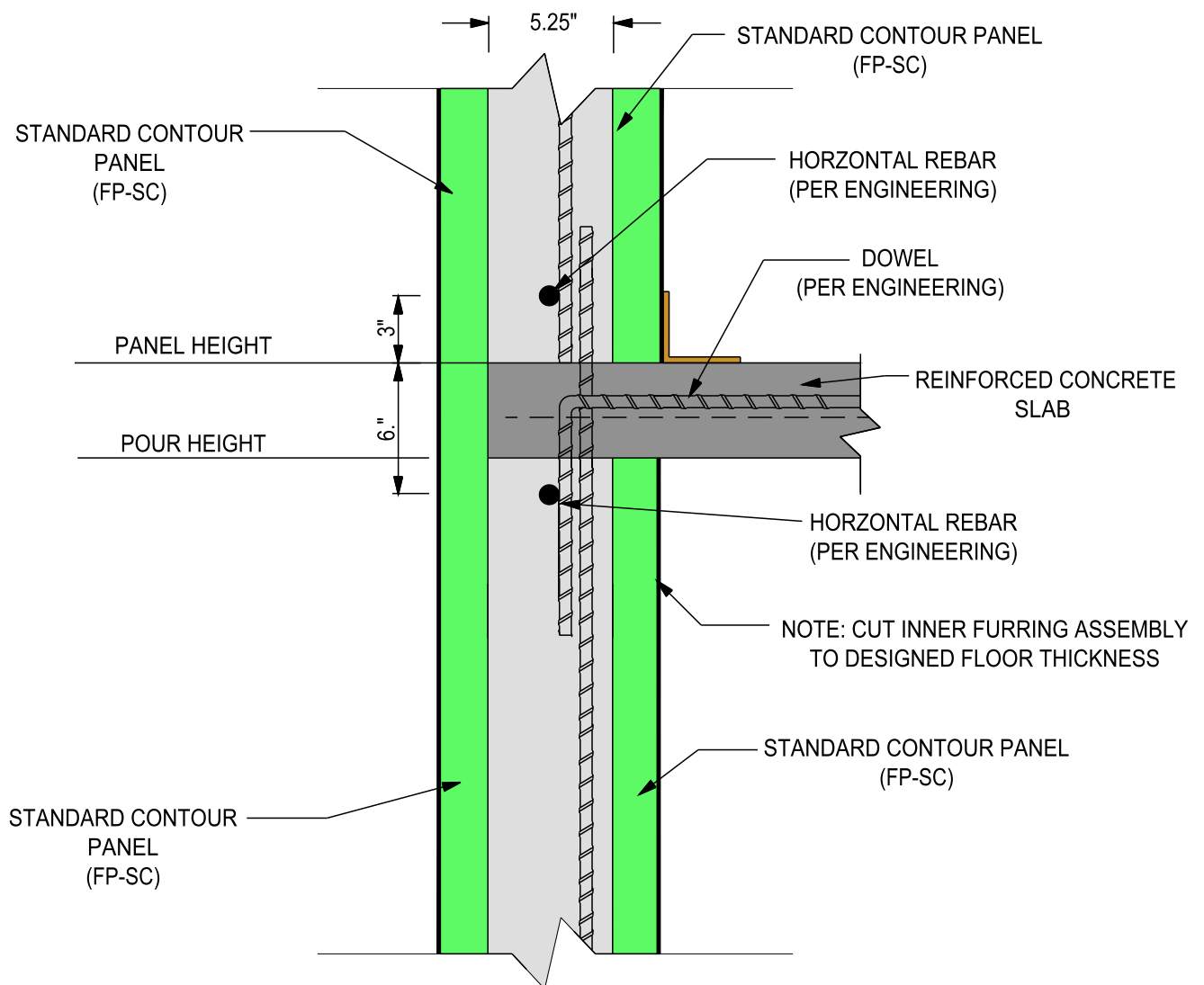
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STANDARD CONTOUR DESIGN

REINFORCED CONCRETE FLOOR
SLAB EXTERIOR DETAIL @ WEB

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	ST-50.05
Revision Date: 02/19/2010		



REINFORCED CONCRETE FLOOR SLAB DETAIL @ COLUMN EXTERIOR

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Vertical ICF Wall System

Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

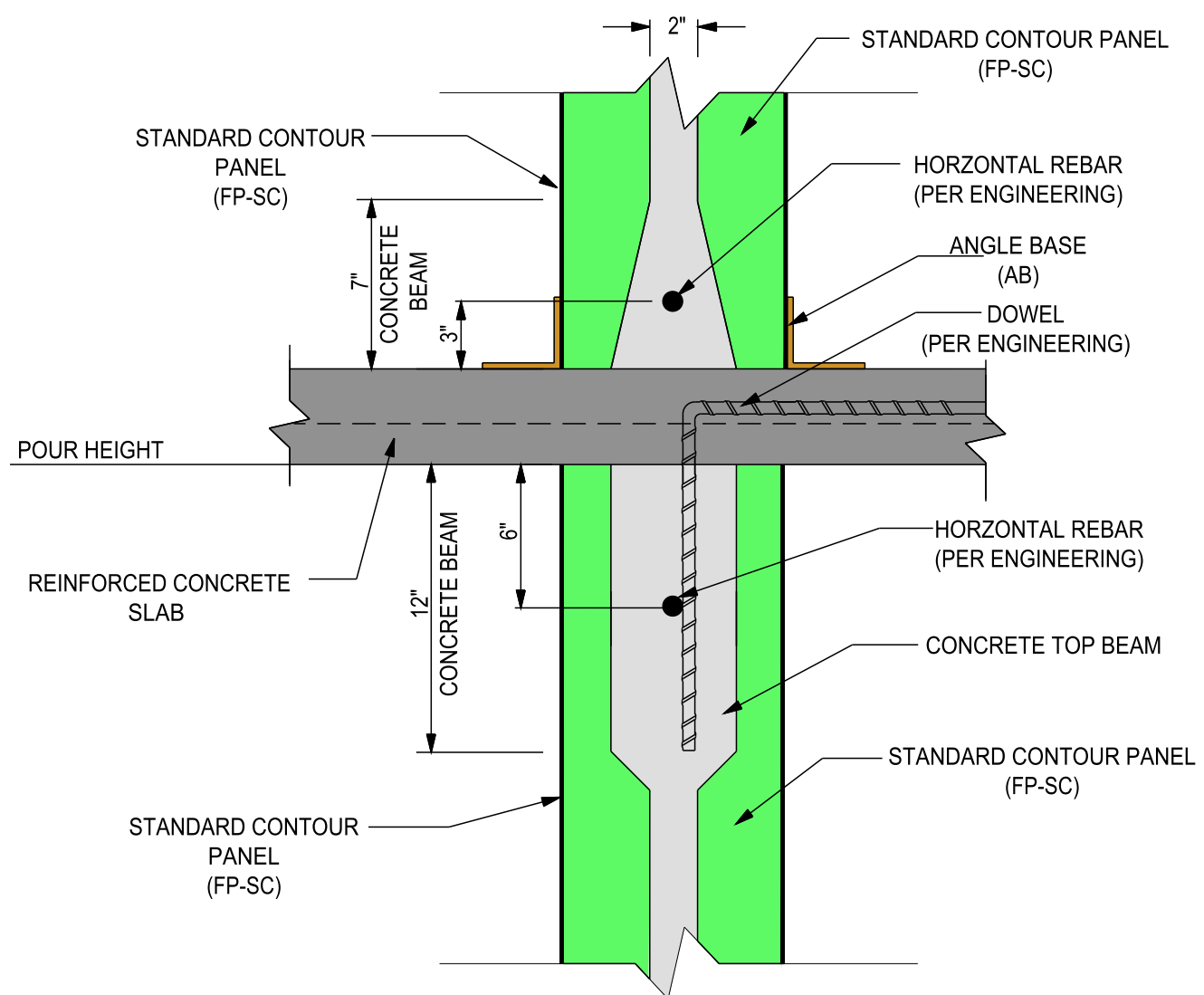
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STANDARD CONTOUR DESIGN

**REINFORCED CONCRETE FLOOR
SLAB EXTERIOR DETAIL @ COLUMN**

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.06	
Revision Date: 02/19/2010		



REINFORCED CONCRETE FLOOR SLAB DETAIL @ WEB INTERIOR

NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

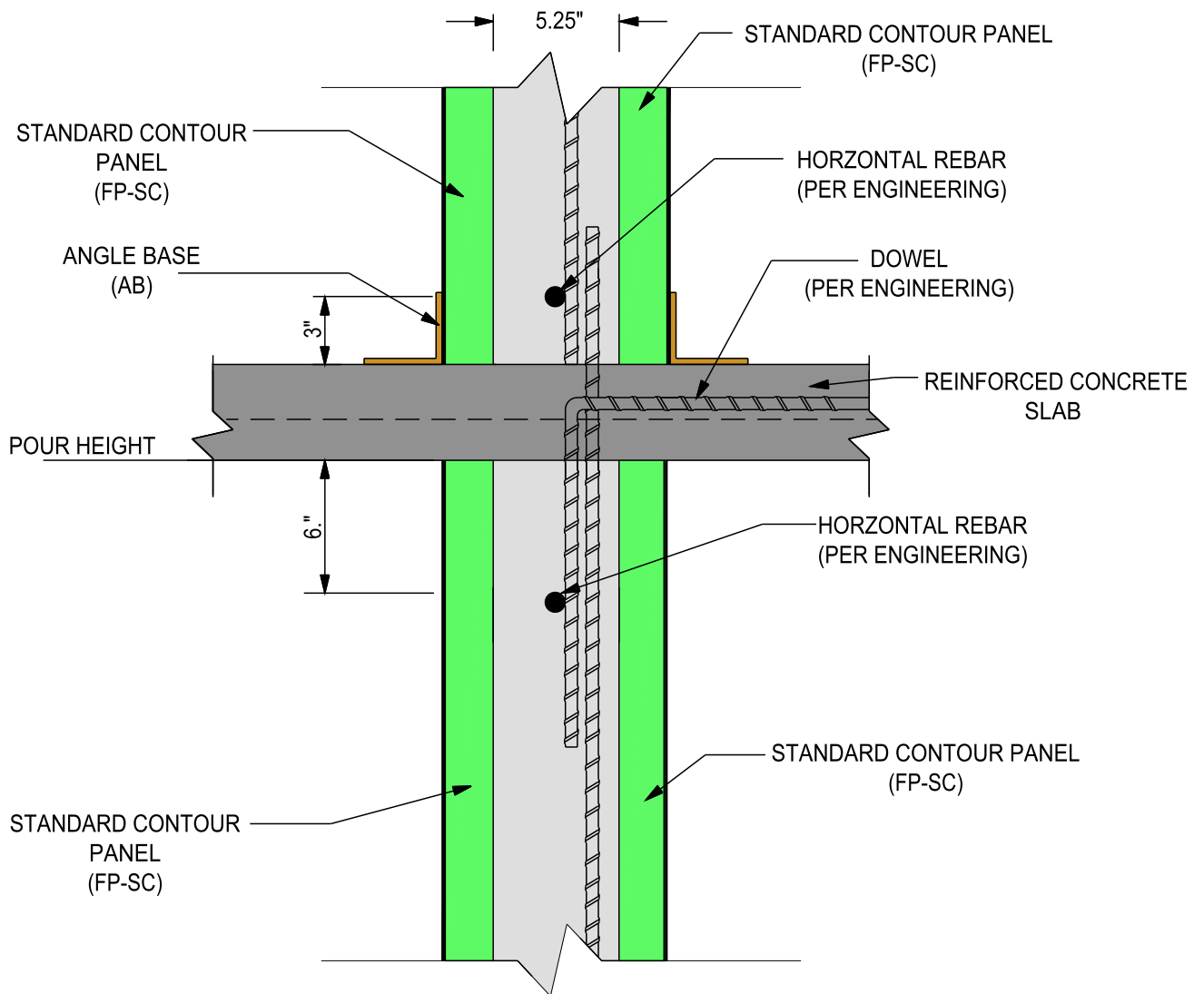
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STANDARD CONTOUR DESIGN

**REINFORCED CONCRETE FLOOR
SLAB INTERIOR DETAIL @ WEB**

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.07	
Revision Date: 01/19/2010		



REINFORCED CONCRETE FLOOR SLAB DETAIL @ COLUMN INTERIOR

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Vertical ICF Wall System

Tell: (515) 473-9255
 Fax: (515) 974-4399
 Toll free: 866-904-9255

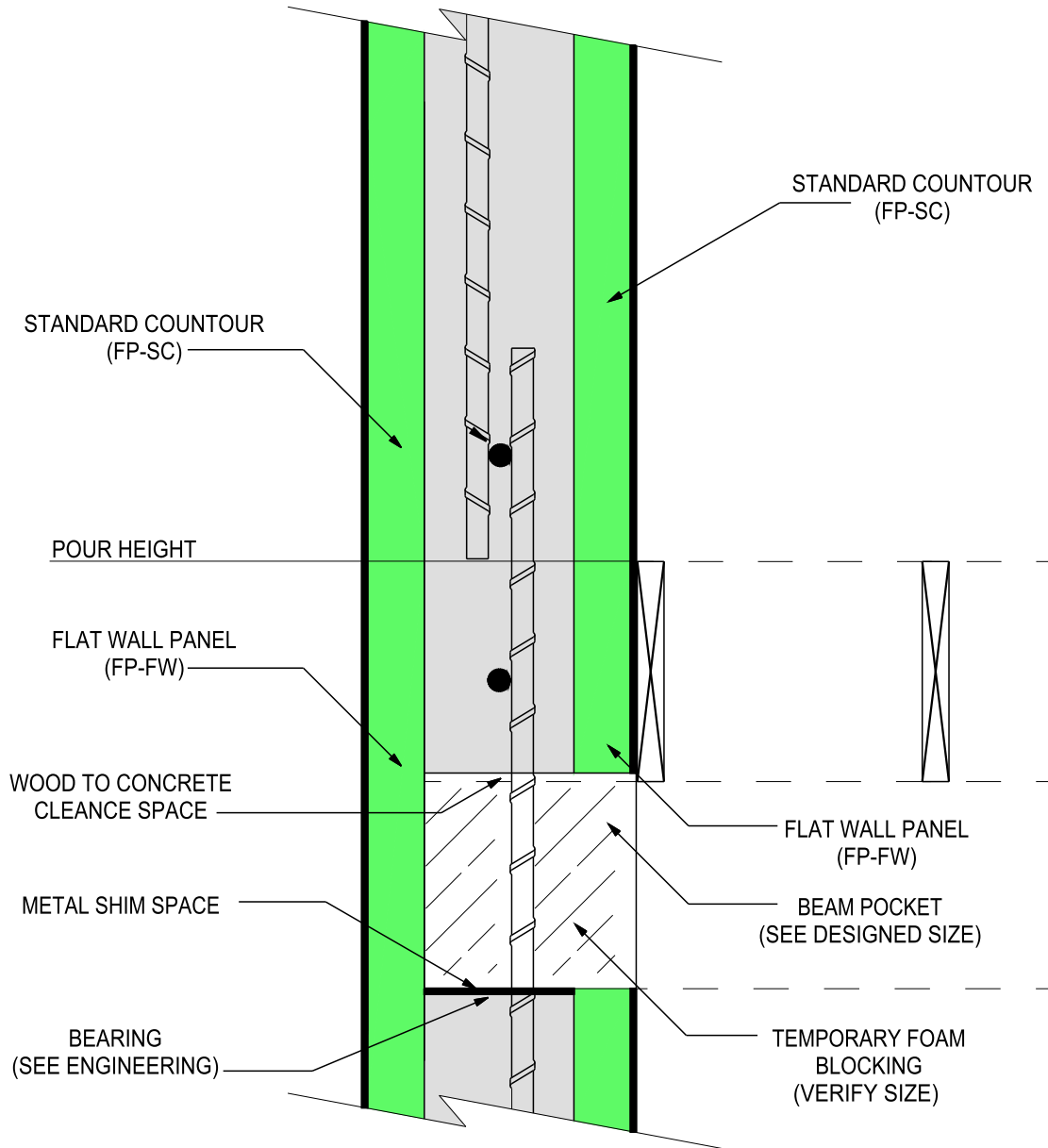
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STANDARD CONTOUR DESIGN

**REINFORCED CONCRETE FLOOR
SLAB INTERIOR DETAIL @ COLUMN**

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.08	
Revision Date: 01/19/2010		



BEAM POCKET @ COLUMN

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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

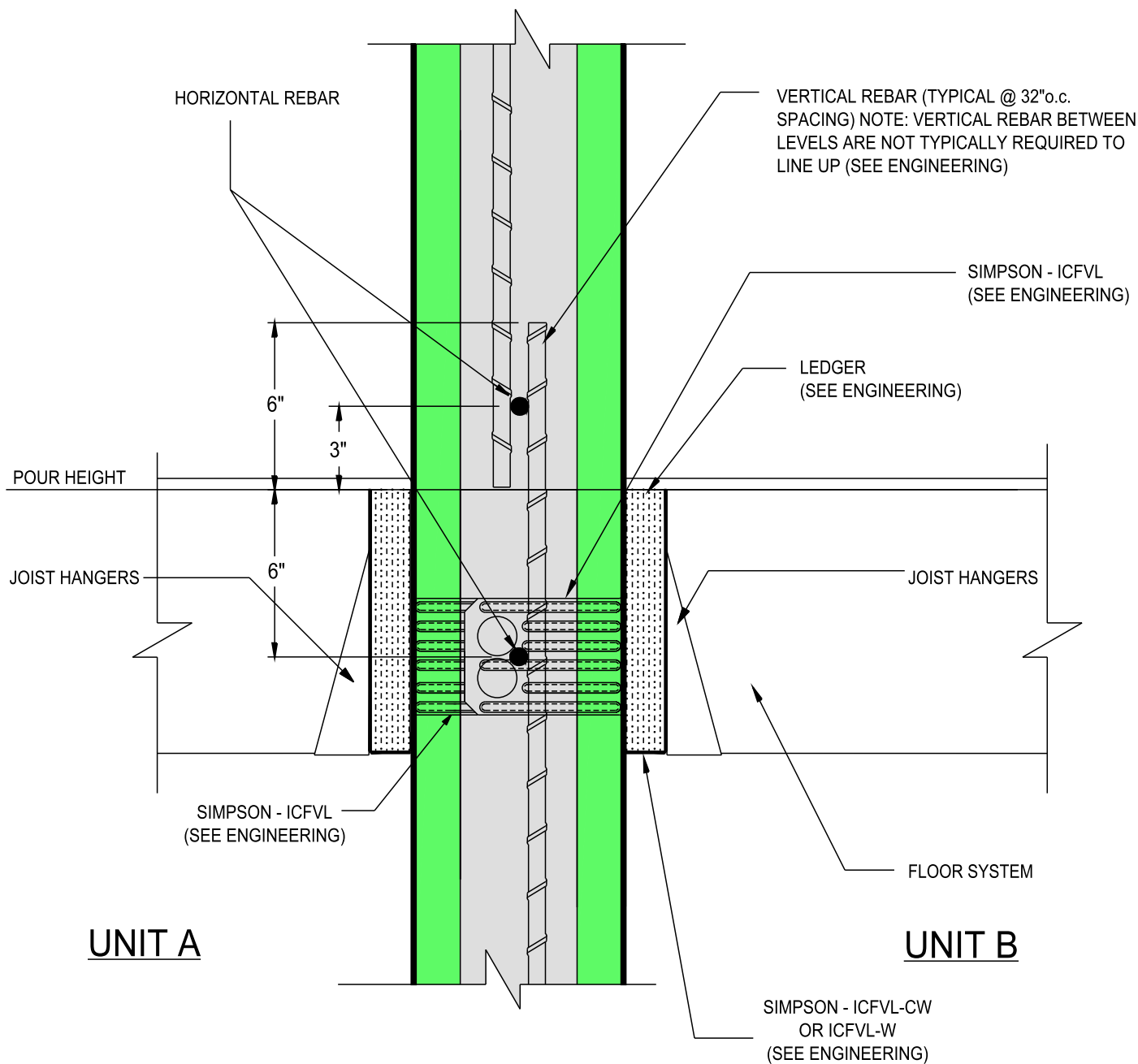
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STANDARD COUNTOUR DESIGN

BEAM POCKET @ COLUMN

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.09	
Revision Date: 02/19/2010		



PARTY WALL JOIST PERPENDICULAR @ COLUMN

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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN

PARTY WALL
JOIST PERPENDICULAR
@ COLUMN

Date:
05/08/2009

Drawn By:
S.K.V.

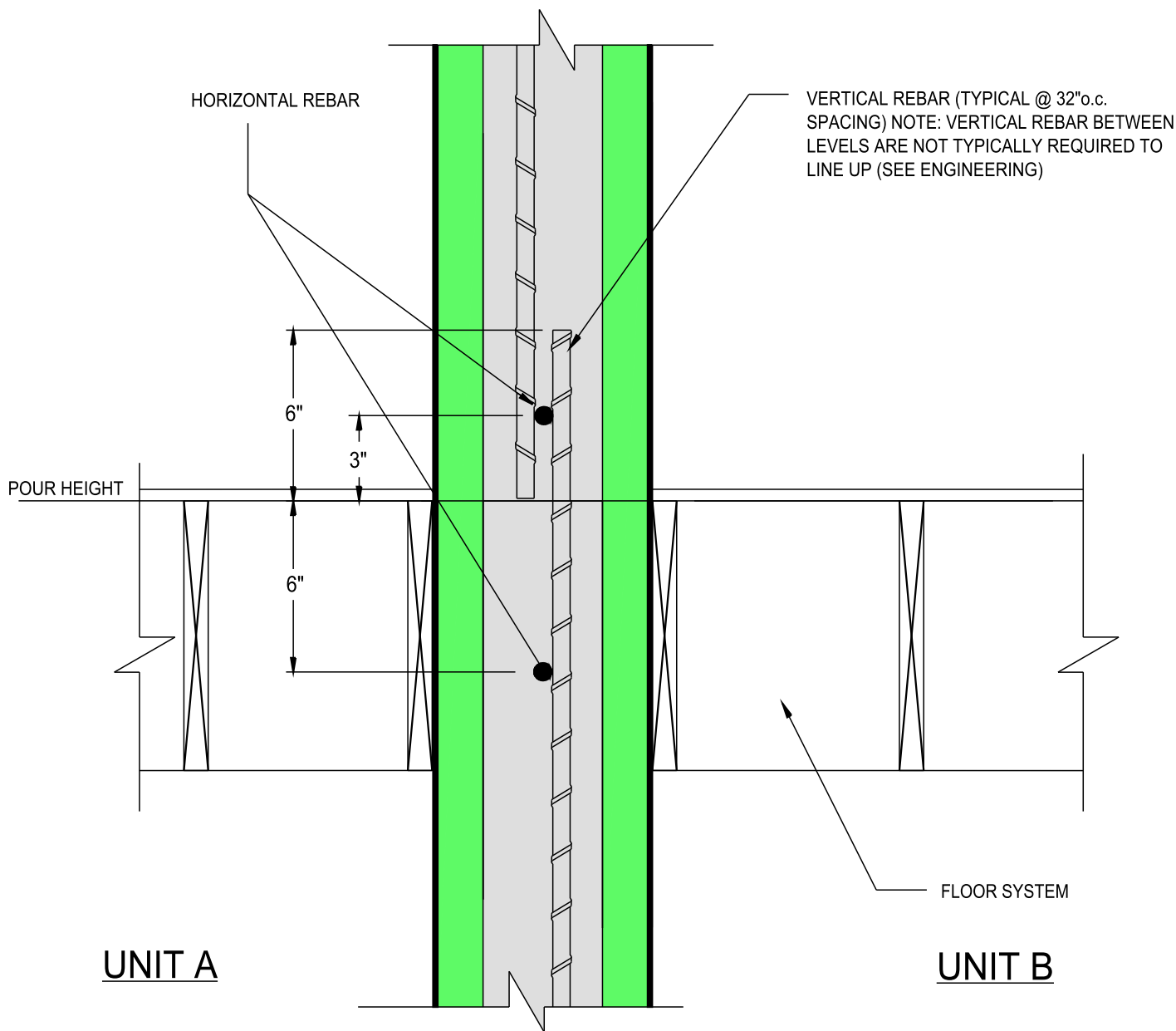
Scale:
N.T.S.

Revision #:
1

DWG #:

Revision Date:
02/19/2010

ST-50.10



PARTY WALL JOIST PARALLEL @ COLUMN

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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

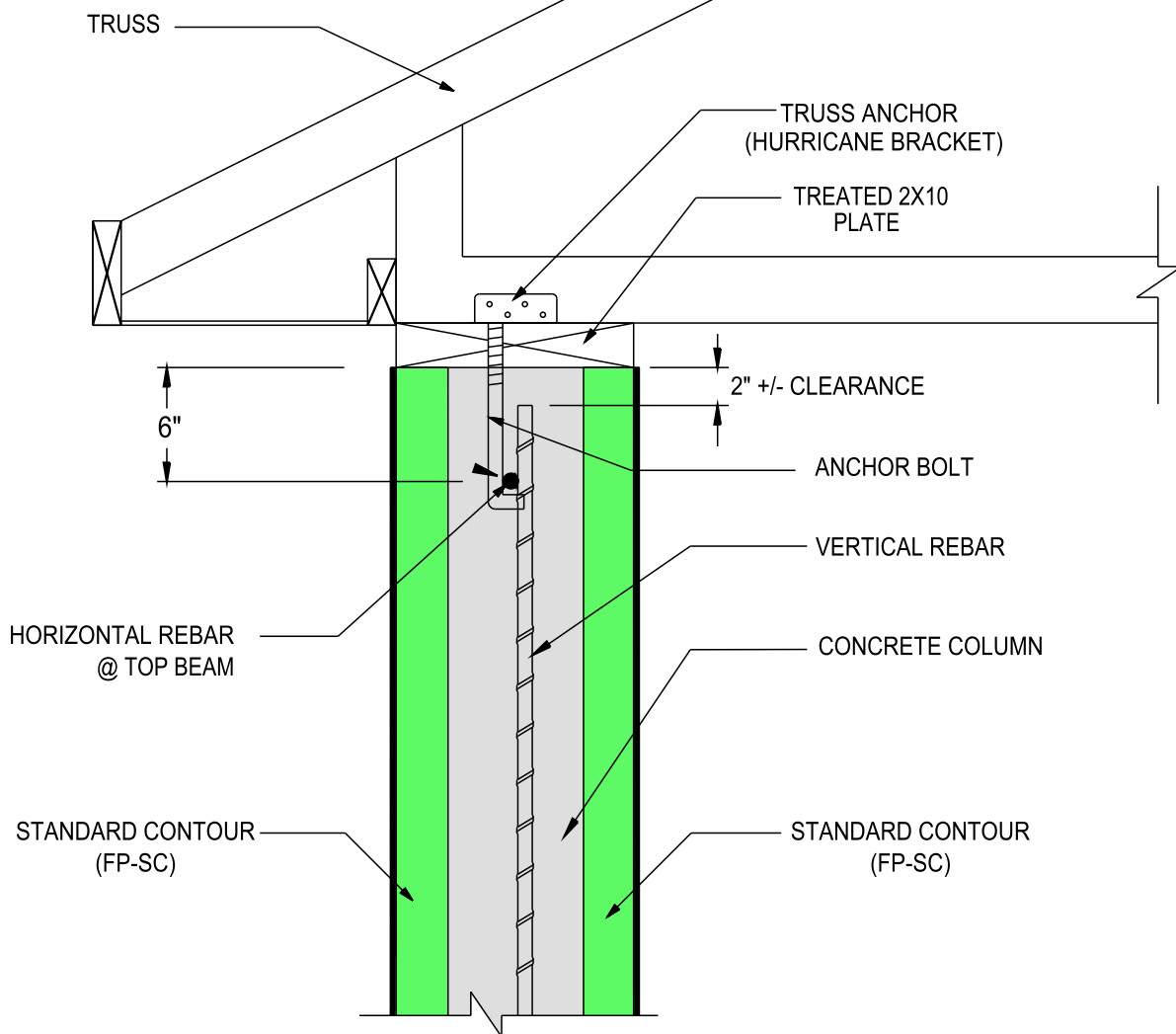
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STANDARD CONTOUR DESIGN

**PARTY WALL
JOIST PARALLEL
@ COLUMN**

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.11	
Revision Date: 02/19/2010		



FOUNDATION TO TRUSS SECTION @ COLUMN "A"

NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

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Fax: (515) 974-4399

Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN
FOUNDATION TO TRUSS
SECTION @
COLUMN "A"

Date:
05/08/2009

Drawn By:
S.K.V.

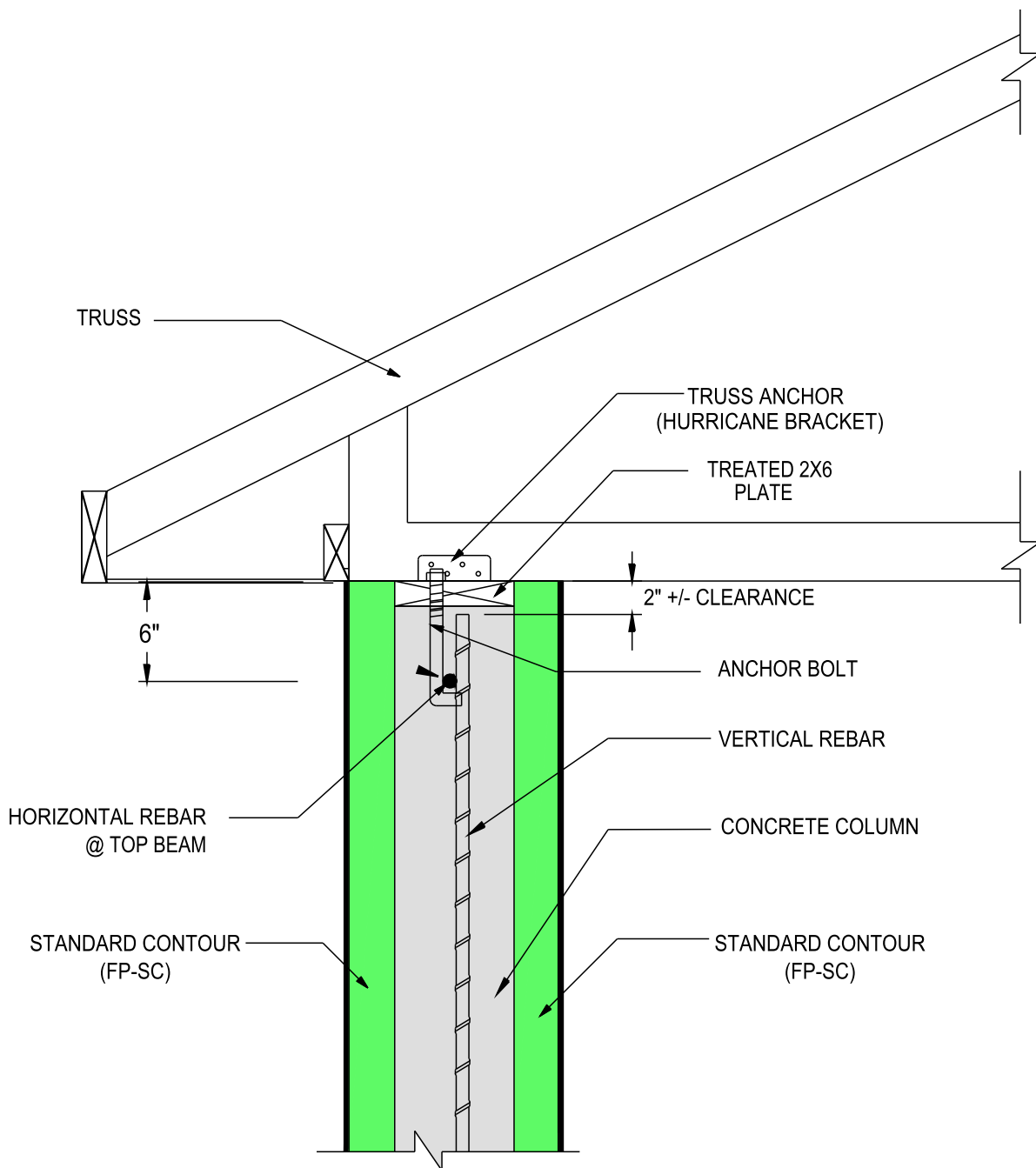
Scale:
N.T.S.

Revision #:
1

DWG #:

Revision Date:
02/19/2010

ST-50.12



FOUNDATION TO TRUSS SECTION @ COLUMN "B"

NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

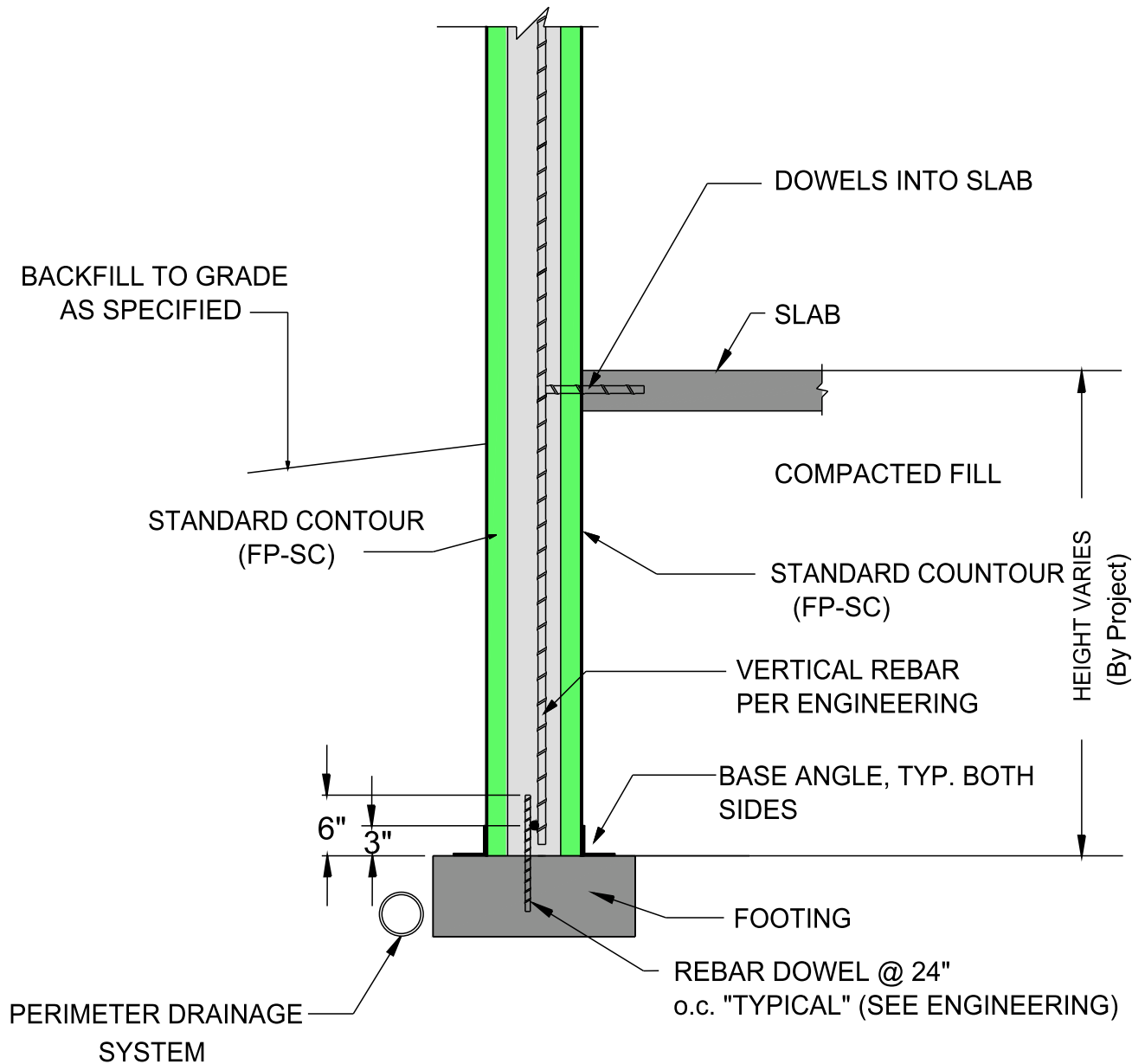
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STANDARD CONTOUR DESIGN FOUNDATION TO TRUSS SECTION @ COLUMN "B"

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.13	
Revision Date: 02/19/2010		



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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

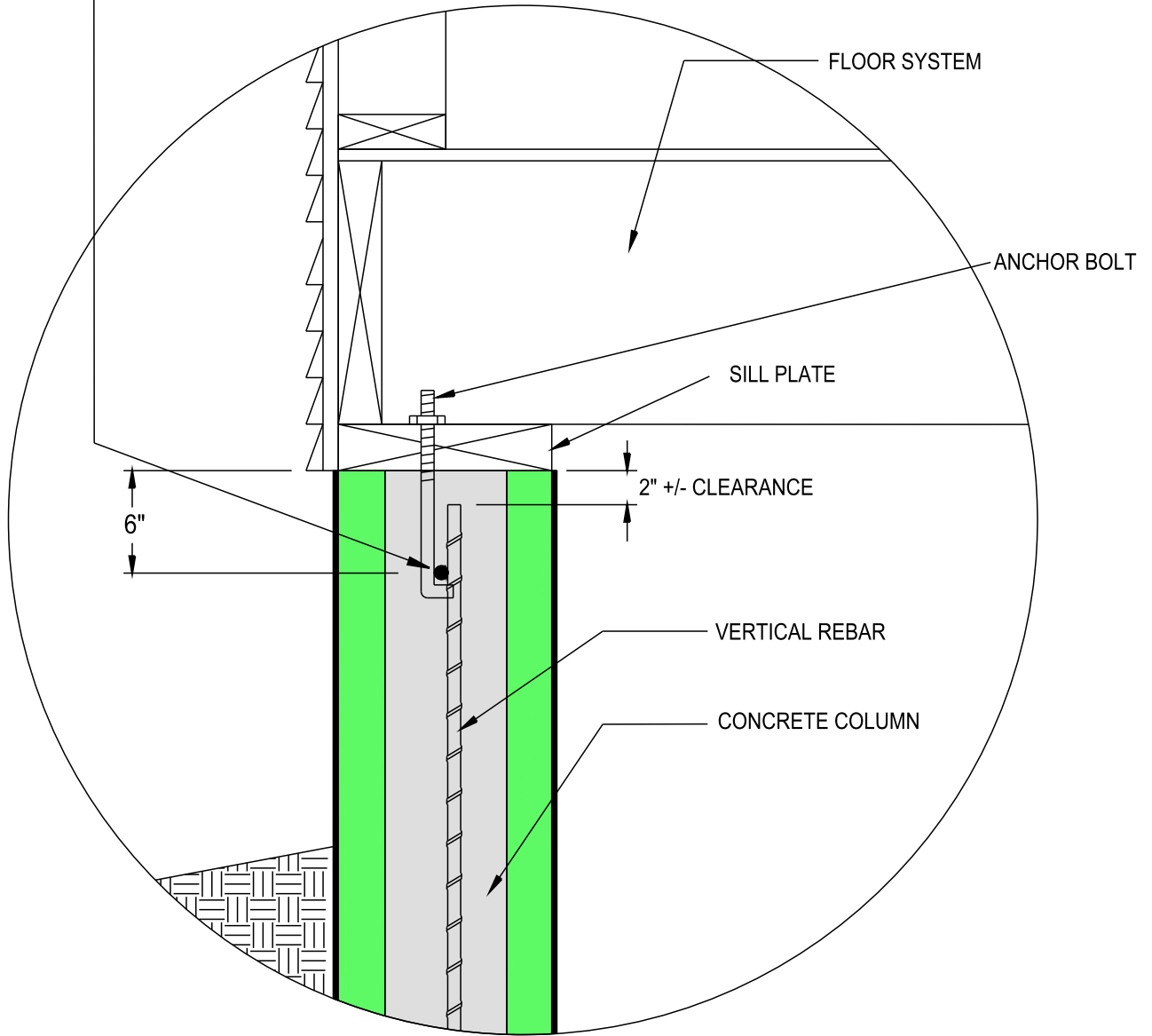
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STANDARD CONTOUR
CONCRETE SLAB
@ COLUMN

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.14	
Revision Date: 02/19/2010		

HORIZONTAL REBAR
@ TOP BEAM



FOUNDATION ONLY WALL SECTION @ COLUMN - DETAIL "A"

NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

Toll free: 866-904-9255

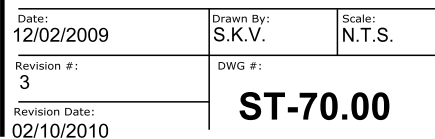
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STANDARD CONTOUR DESIGN

FOUNDATION ONLY
WALL SECTION @
COLUMN - DETAIL "A"

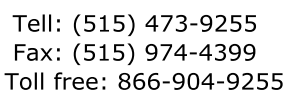
Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-50.15	
Revision Date: 12/11/2009		





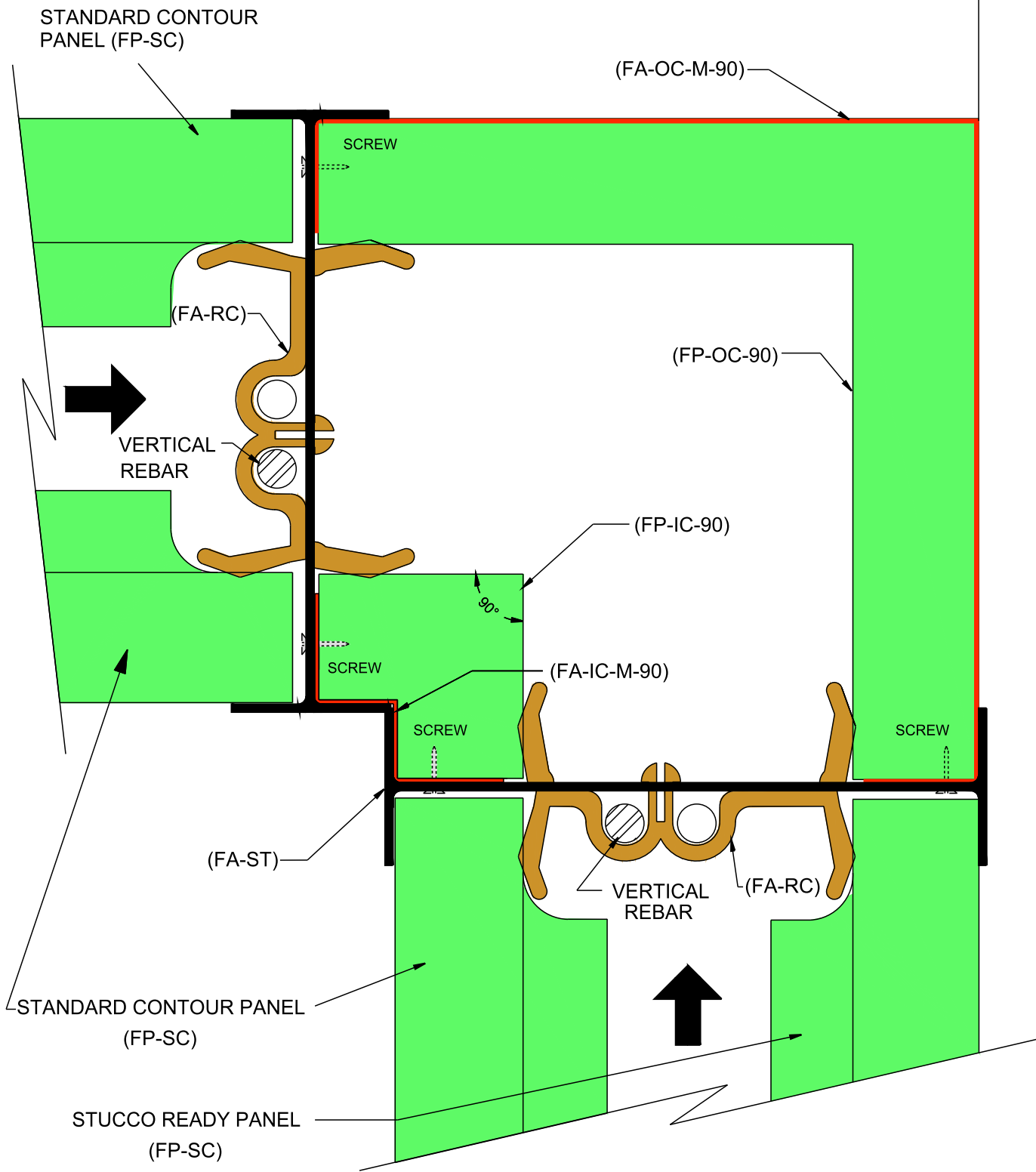
Toll free: 866-904-9255

ST-70.01



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Date: 12/02/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	ST-70.02
Revision Date: 02/19/2010		



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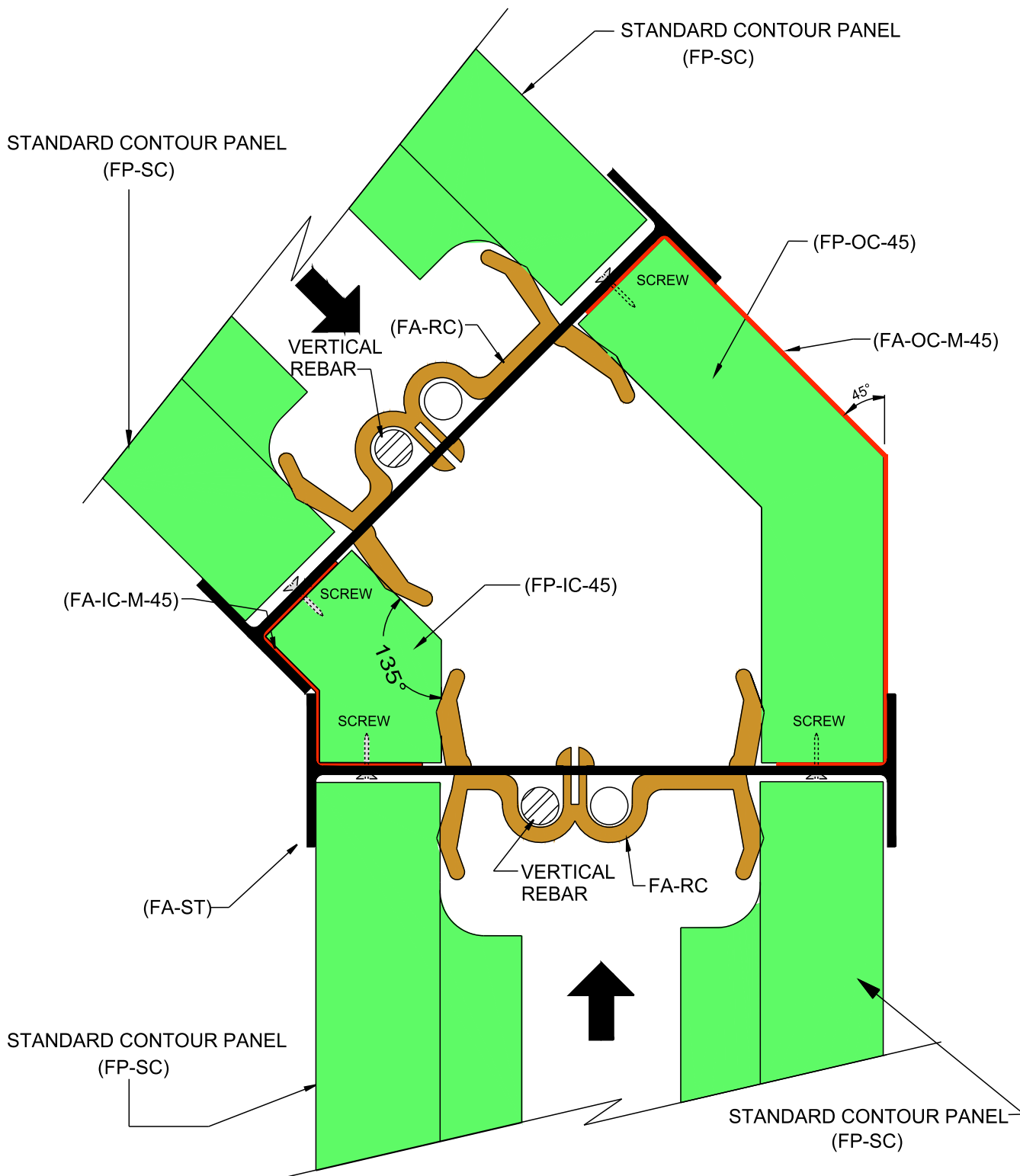
Vertical ICF Wall System
Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN
90° CORNER DETAIL
- PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-100.00	
Revision Date: 12/11/2009		



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Toll free: 866-904-9255

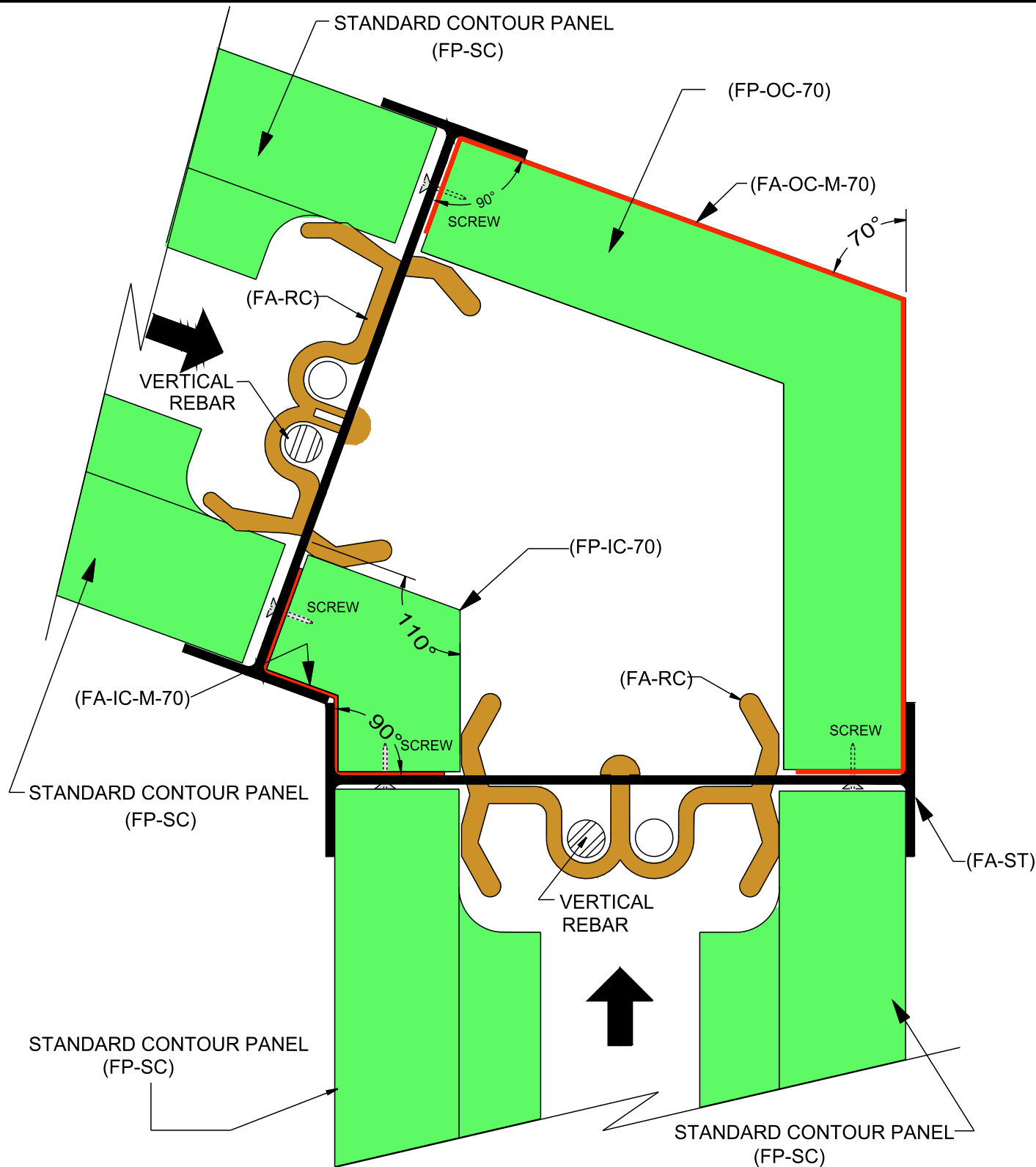
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STANDARD CONTOUR DESIGN

45° CORNER DETAIL
- PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-100.01	
Revision Date: 12/11/2009		



NOTE: "DRAWINGS ARE EXAMPLES ONLY. REFER TO PROJECT ENGINEERING FOR EXACT SPECIFICATIONS, SUCH AS, REBAR SIZE AND PLACEMENT LOCATIONS"



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Vertical ICF Wall System

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Fax: (515) 974-4399

Toll free: 866-904-9255

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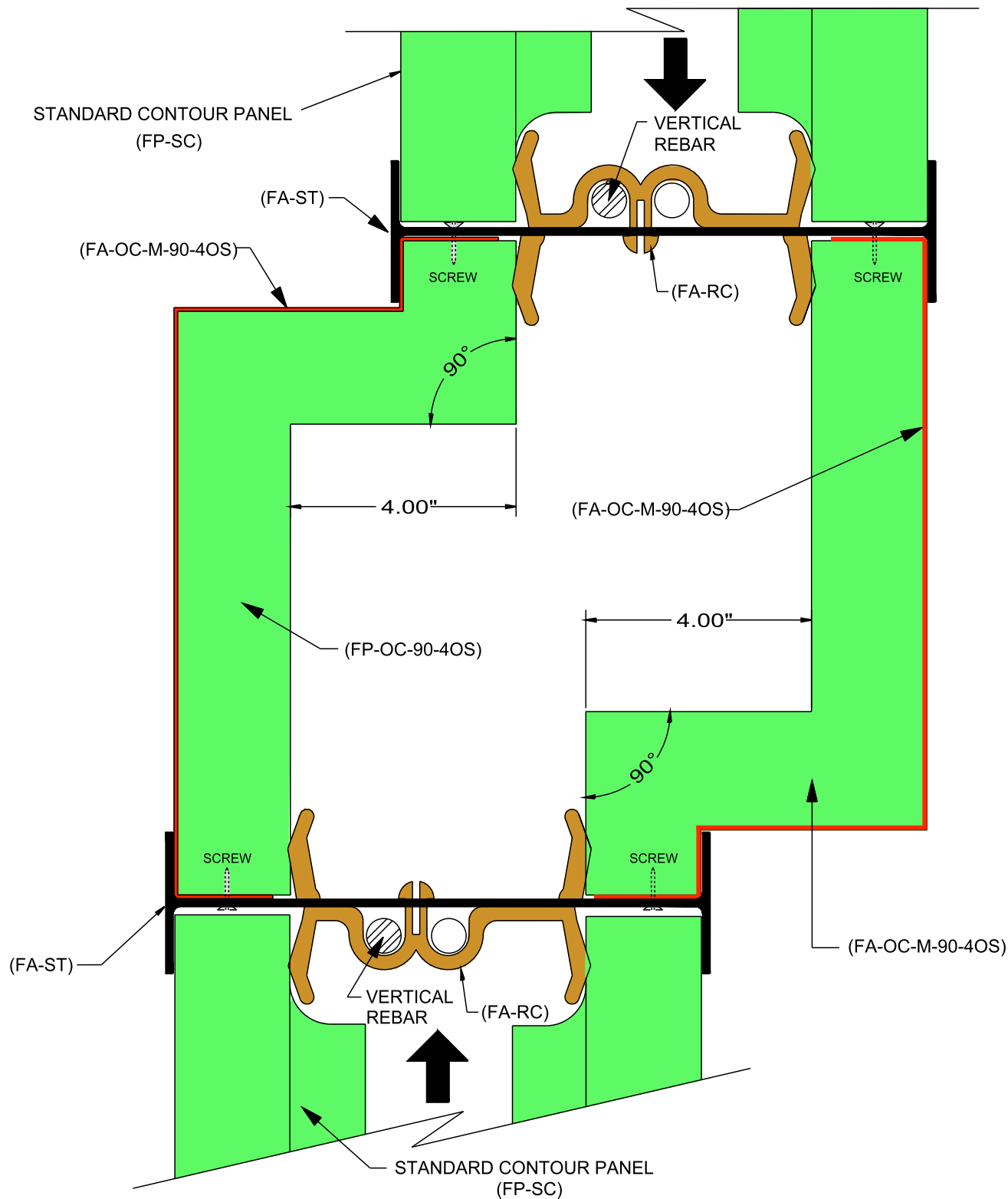
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STANDARD CONTOUR DESIGN

70° CORNER DETAIL
- PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 12/11/2009		

ST-100.02



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Vertical ICF Wall System

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Toll free: 866-904-9255

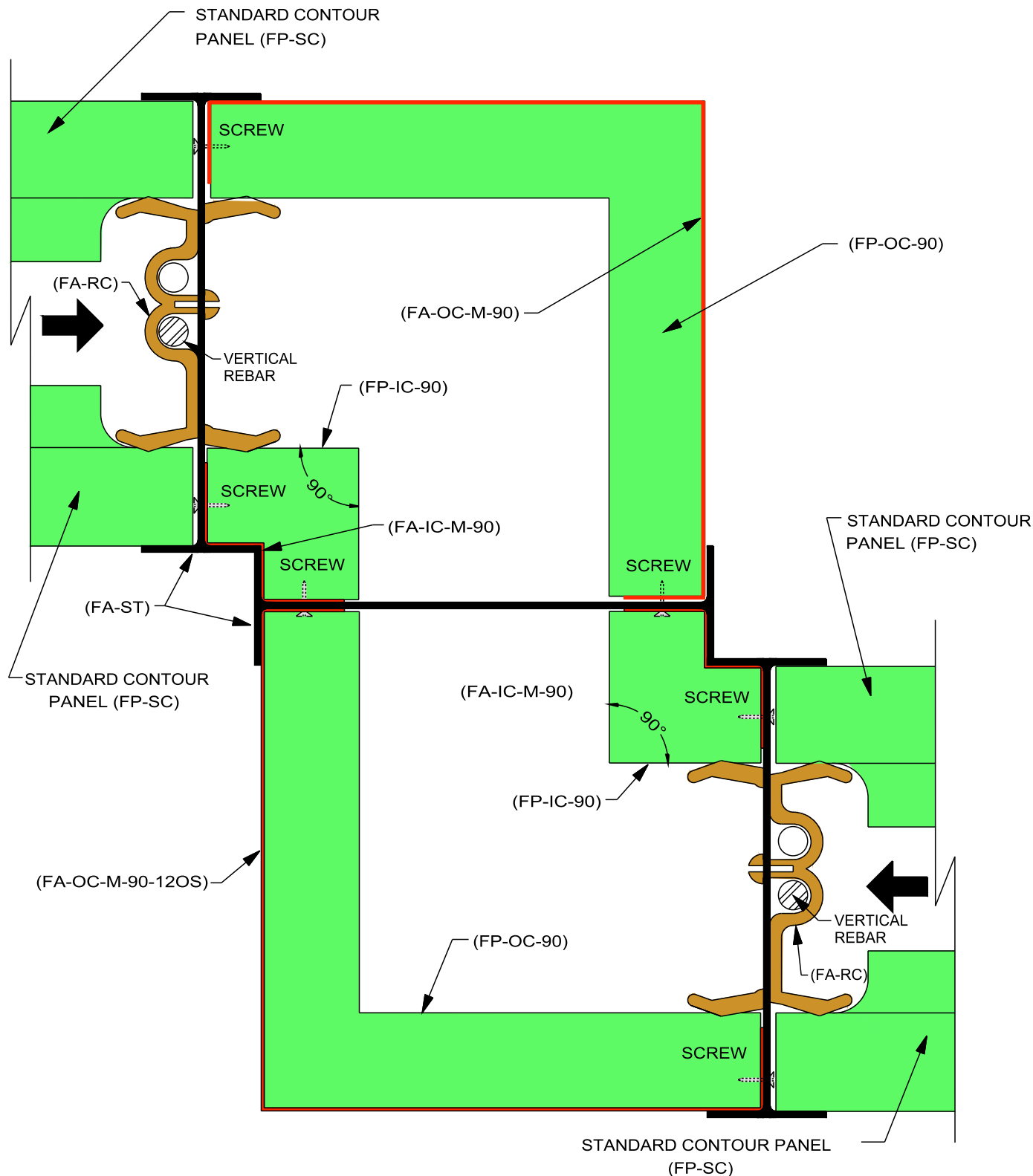
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STANDARD CONTOUR DESIGN

4" OFFSET CORNER DETAIL - PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 12/11/2009	ST-100.03	



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Vertical ICF Wall System

Tell: (515) 473-9255

Fax: (515) 974-4399

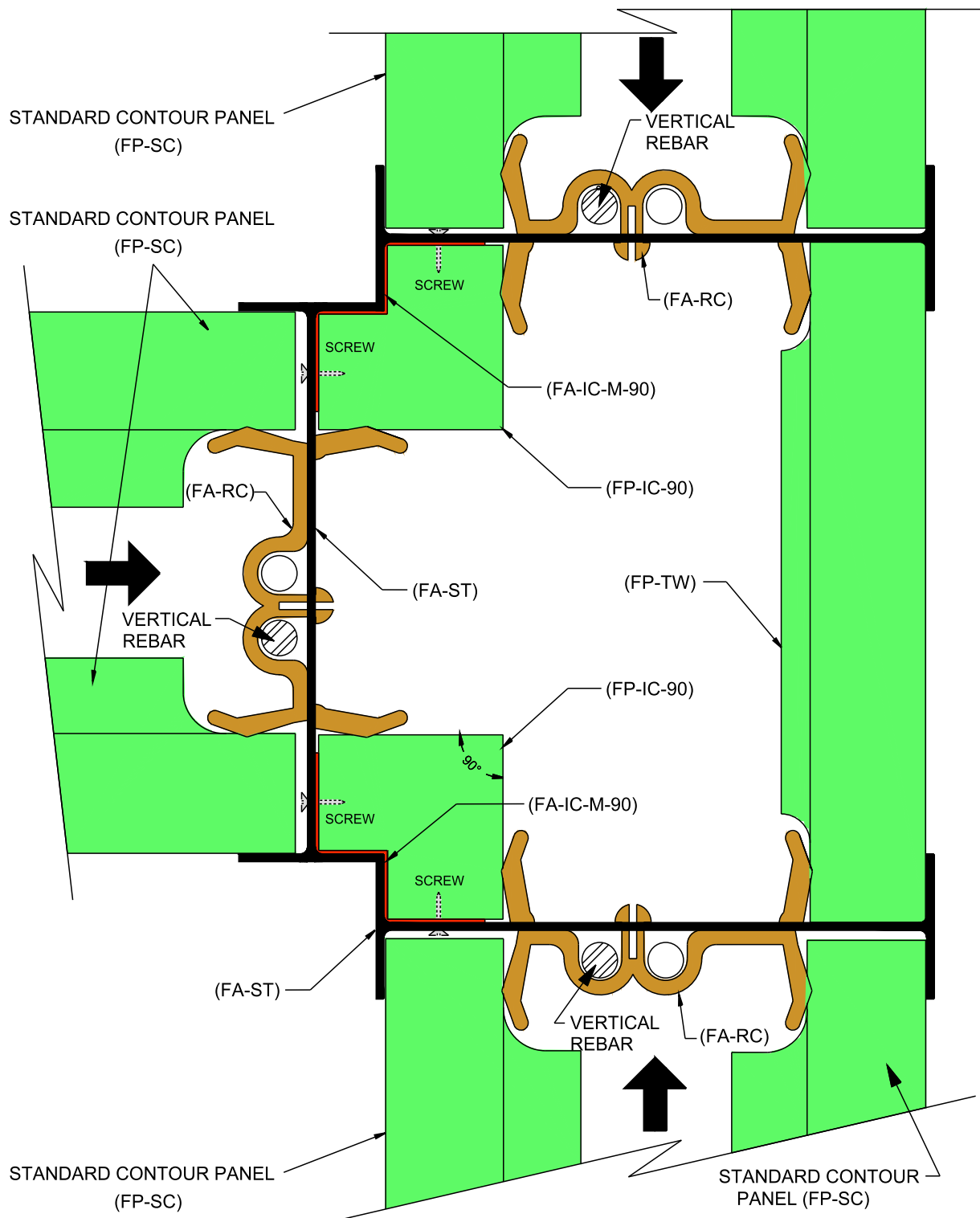
Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN
12" OFFSET CORNER
DETAIL - PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #: ST-100.04	
Revision Date: 12/11/2009		



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Vertical ICF Wall System

Tell: (515) 473-9255
Fax: (515) 974-4399
Toll free: 866-904-9255

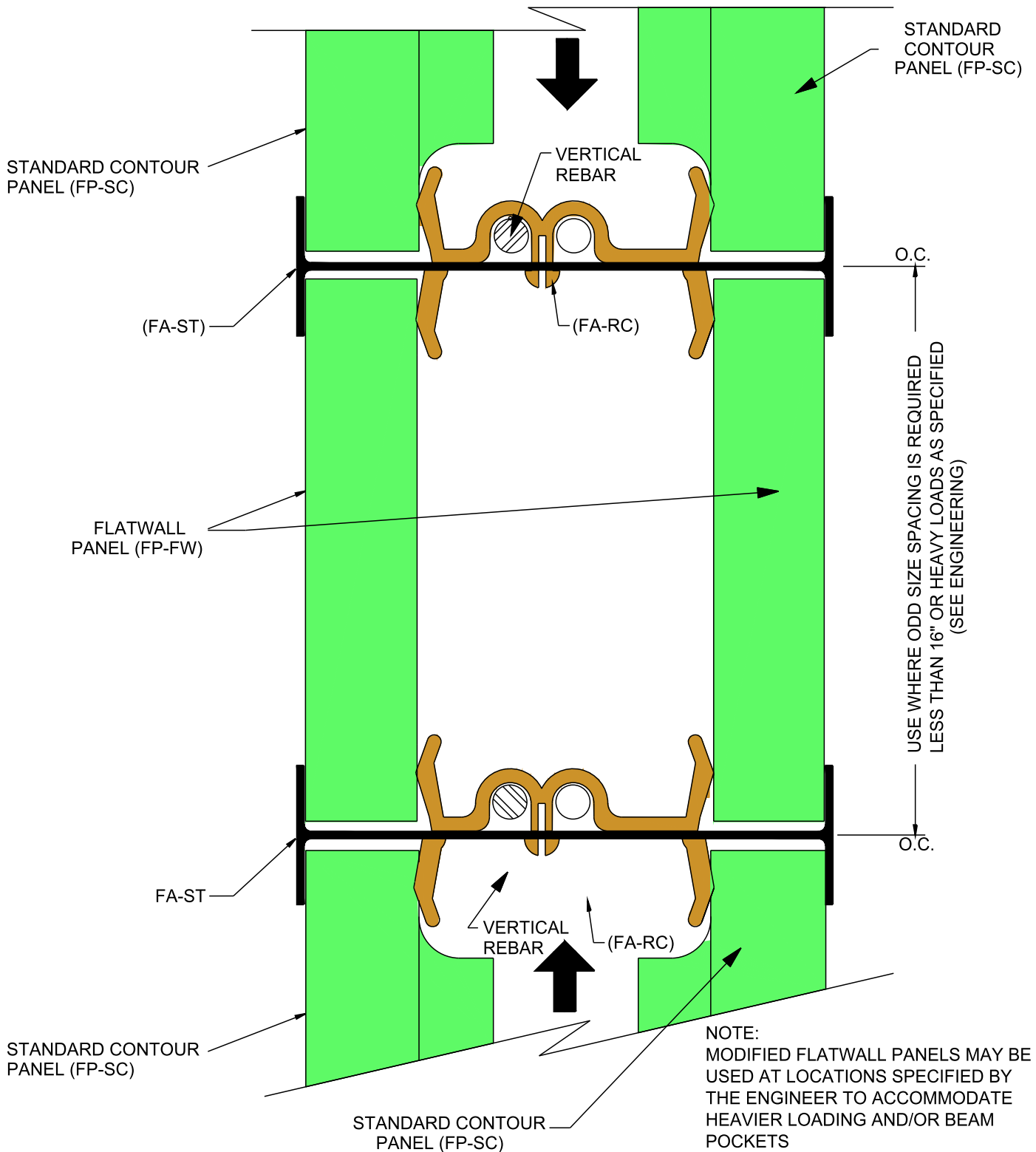
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STANDARD CONTOUR DESIGN

TEE WALL DETAIL - PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 12/11/2009	ST-100.05	



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Fax: (515) 974-4399

Toll free: 866-904-9255

All drawings and details shall be constructed in accordance with the local building code regulations, project engineering, and construction practices.

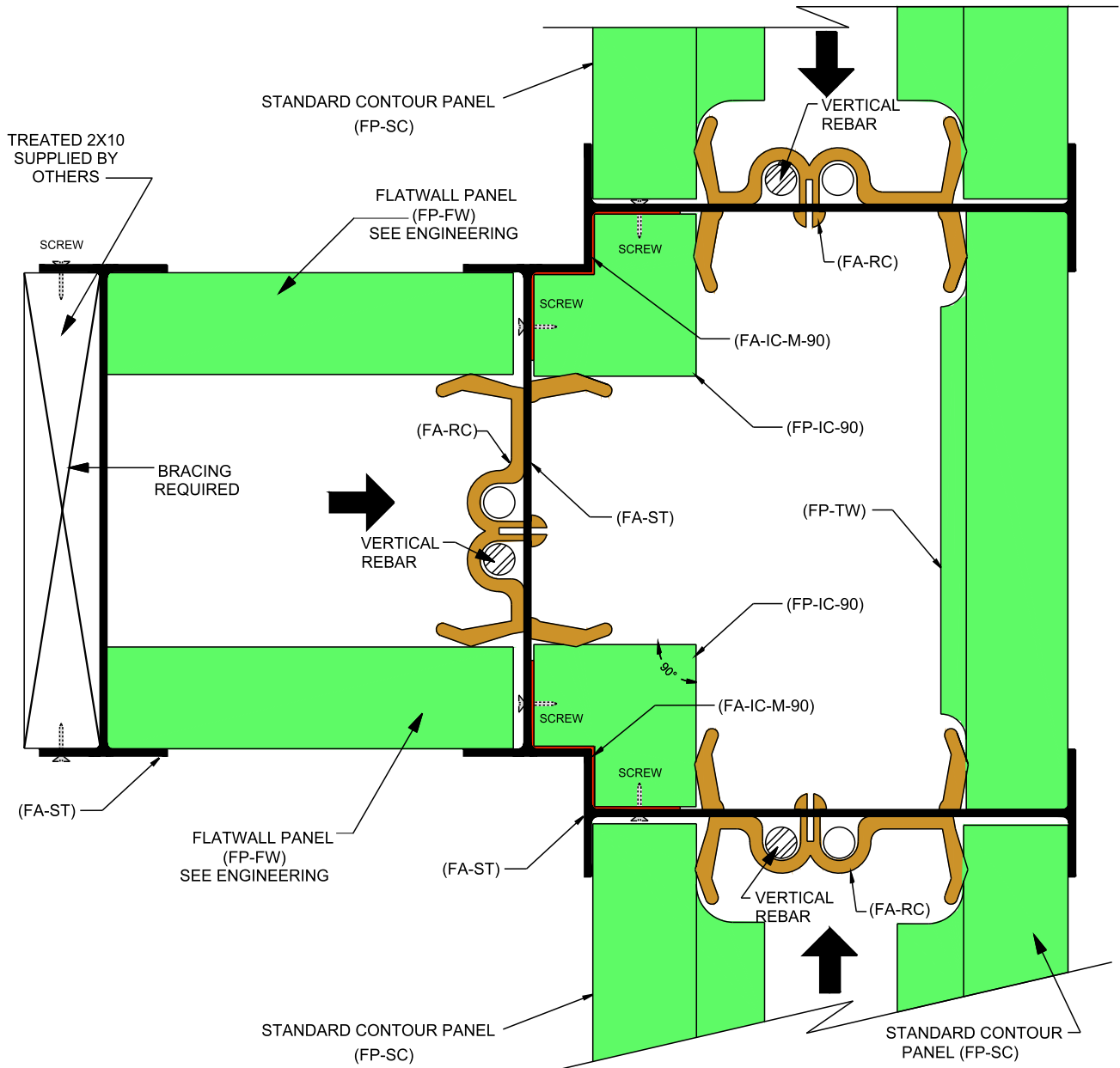
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STANDARD CONTOUR DESIGN

FLATWALL WALL DETAIL - PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 2	DWG #:	
Revision Date: 02/10/2010		

ST-100.06



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Vertical ICF Wall System

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Fax: (515) 974-4399

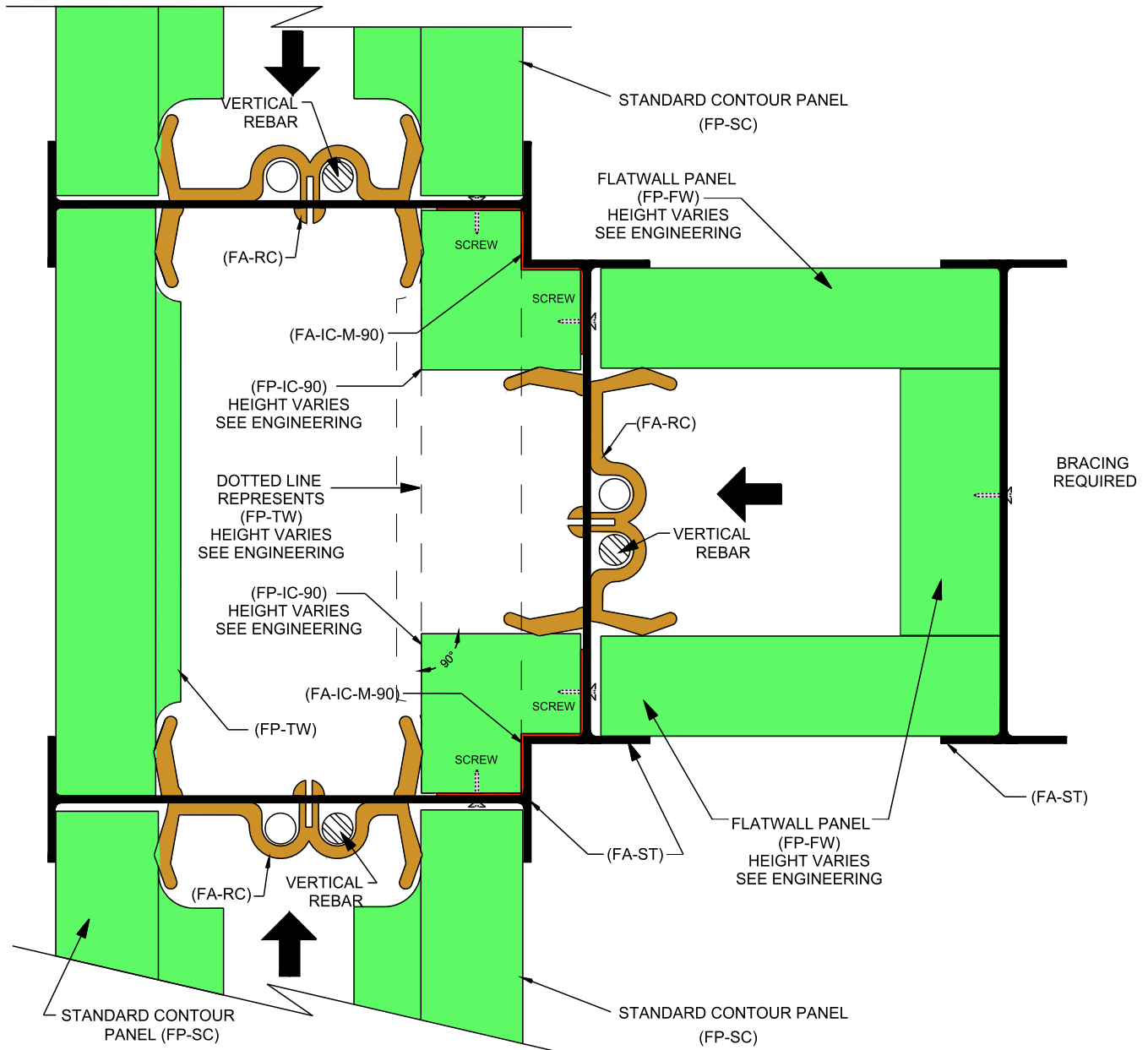
Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN
FULL HEIGHT
INTERIOR PILASTER
- PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 02/19/2010	ST-100.07	



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Vertical ICF Wall System

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Fax: (515) 974-4399

Toll free: 866-904-9255

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STANDARD CONTOUR DESIGN

EXTERIOR BUTTRUSS - PLAN VIEW

Date: 05/08/2009	Drawn By: S.K.V.	Scale: N.T.S.
Revision #: 1	DWG #:	
Revision Date: 02/19/2010		

ST-100.08