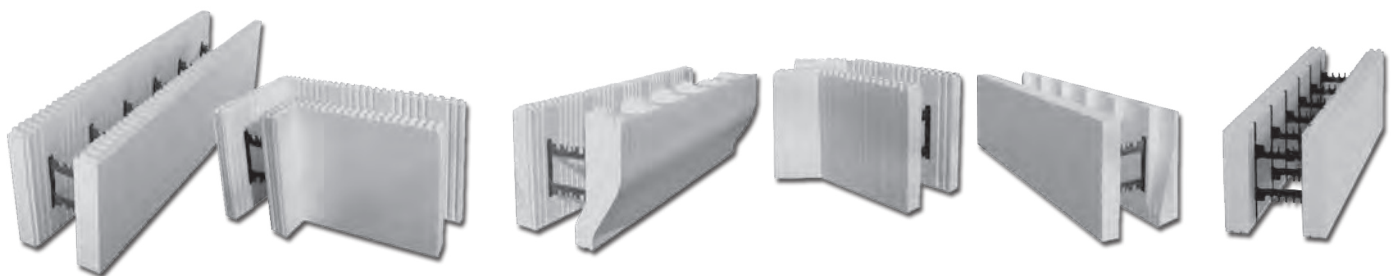


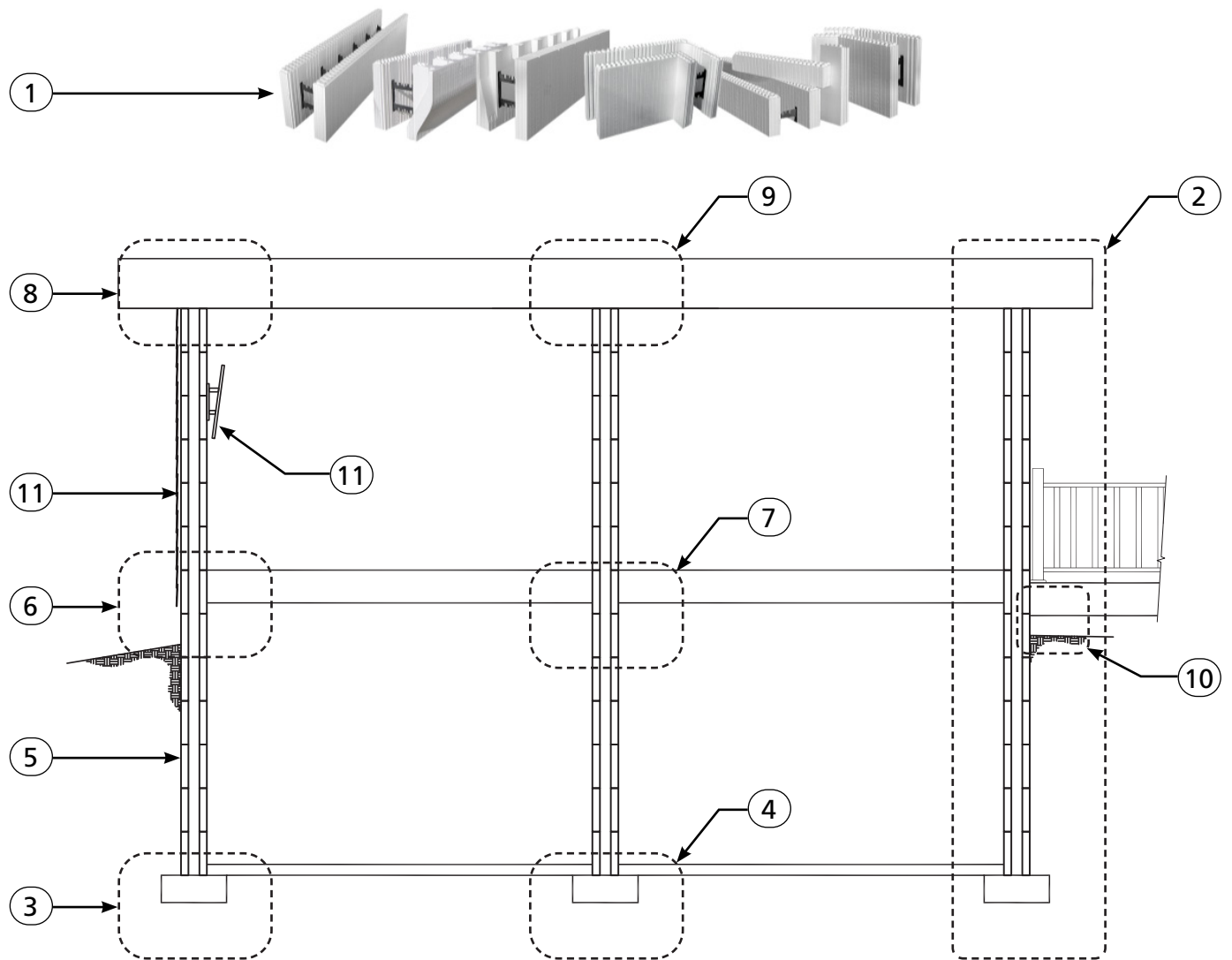


## CAD DETAIL BOOKLET

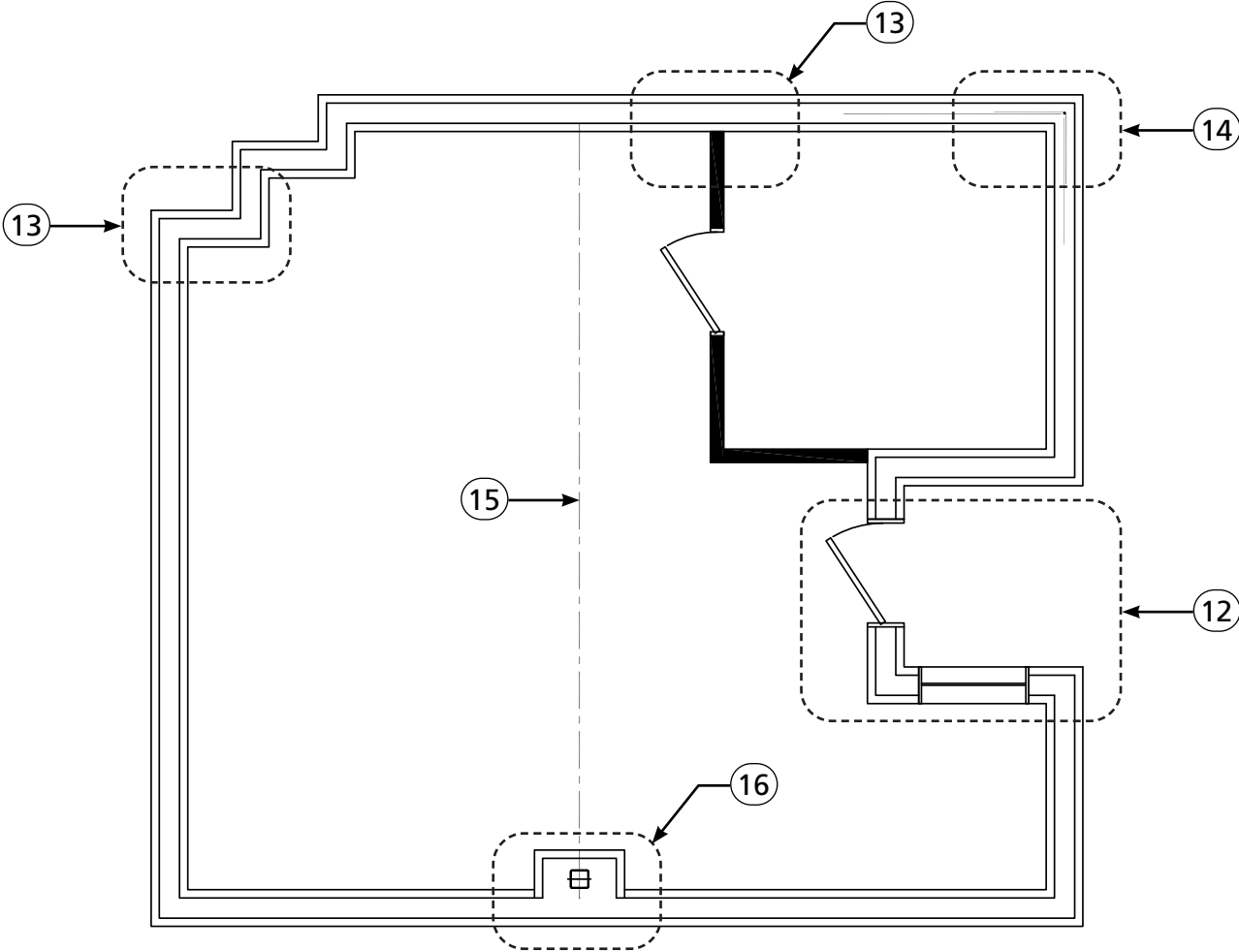
Build **Anything** Better.™







①	5.1 - LOGIX PRODUCTS.....	5-7
②	5.2 - WALL SECTIONS .....	5-28
③	5.3 - FOOTINGS AT EXTERIOR WALL.....	5-36
④	5.4 - FOOTINGS AT INTERIOR WALL .....	5-48
⑤	5.5 - FOUNDATION WALLS.....	5-50
⑥	5.6 - FLOOR CONNECTIONS AT EXTERIOR WALL .....	5-64
⑦	5.7 - FLOOR CONNECTIONS AT INTERIOR WALL .....	5-92
⑧	5.8 - ROOF & PARAPETS AT EXTERIOR WALL.....	5-95
⑨	5.9 - ROOF & PARAPETS AT INTERIOR WALL.....	5-112
⑩	5.10 - DECKS .....	5-115
⑪	5.11 - EXTERIOR FINISHES & ATTACHMENTS .....	5-117



⑫ 5.12 - WINDOW, DOOR & GARAGE OR BAY OPENINGS ... 5-125

⑬ 5.13 - WALL-TO-WALL CONNECTIONS..... 5-142

⑭ 5.14 - STEEL REINFORCING ..... 5-151

⑮ 5.15 - BEAM CONNECTIONS ..... 5-158

⑯ 5.16 - COLUMN CONNECTIONS..... 5-169

**ADDITIONAL DRAWING**

5.17 - LEDGE & CORBELS ..... 5-174

5.18 - STC WALL ASSEMBLIES ..... 5-181

5.19 - THEATRES ..... 5-183

5.20 - POOLS ..... 5-184



## 5.0 - CAD DRAWINGS

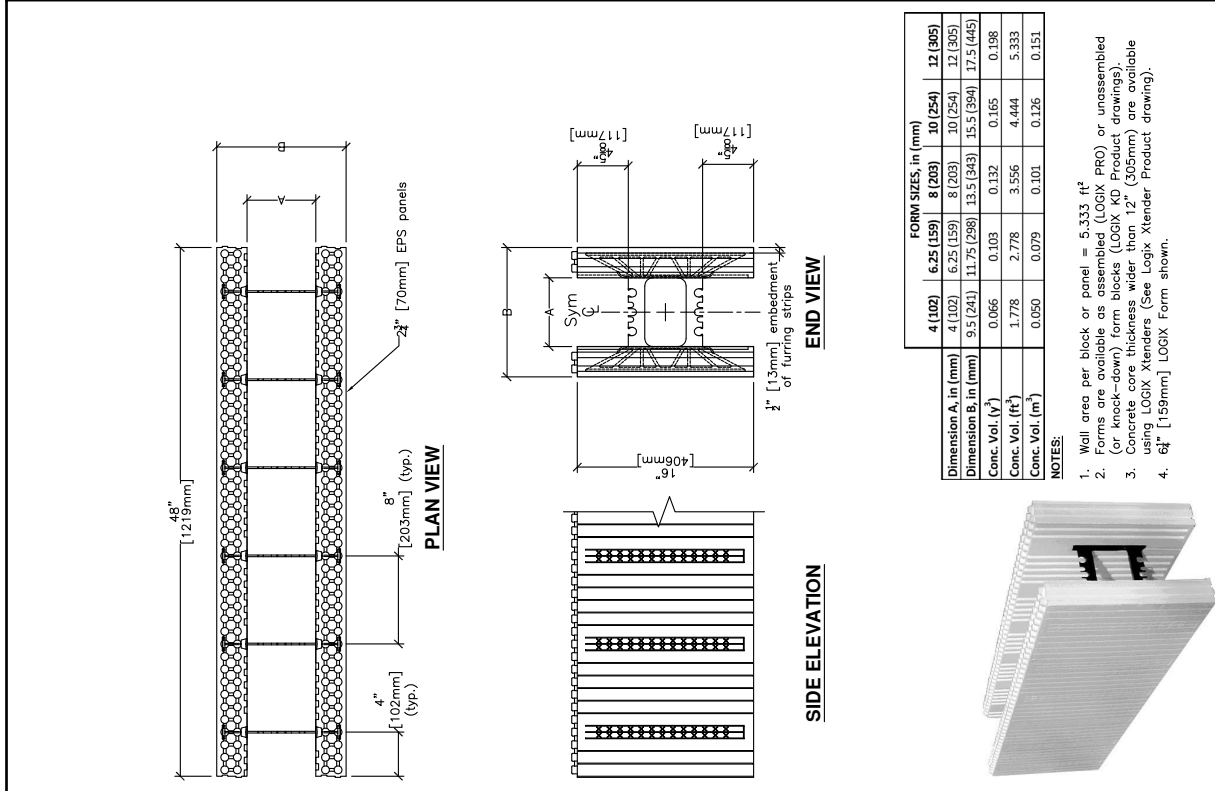
CAD drawings applicable for residential and commercial projects are available in the Technical Library at [logixicf.com/technical-library](http://logixicf.com/technical-library) in .dwg, .dxf, pdf and .jpg file formats. In addition, please refer to the Technical Library for updated and new drawings.

LOGIX carries both assembled form units, known as LOGIX PRO, and unassembled (or knock-down) systems known as LOGIX KD. In addition, LOGIX carries a number of accessories meant to make designing and constructing with ICFs much faster and easier.

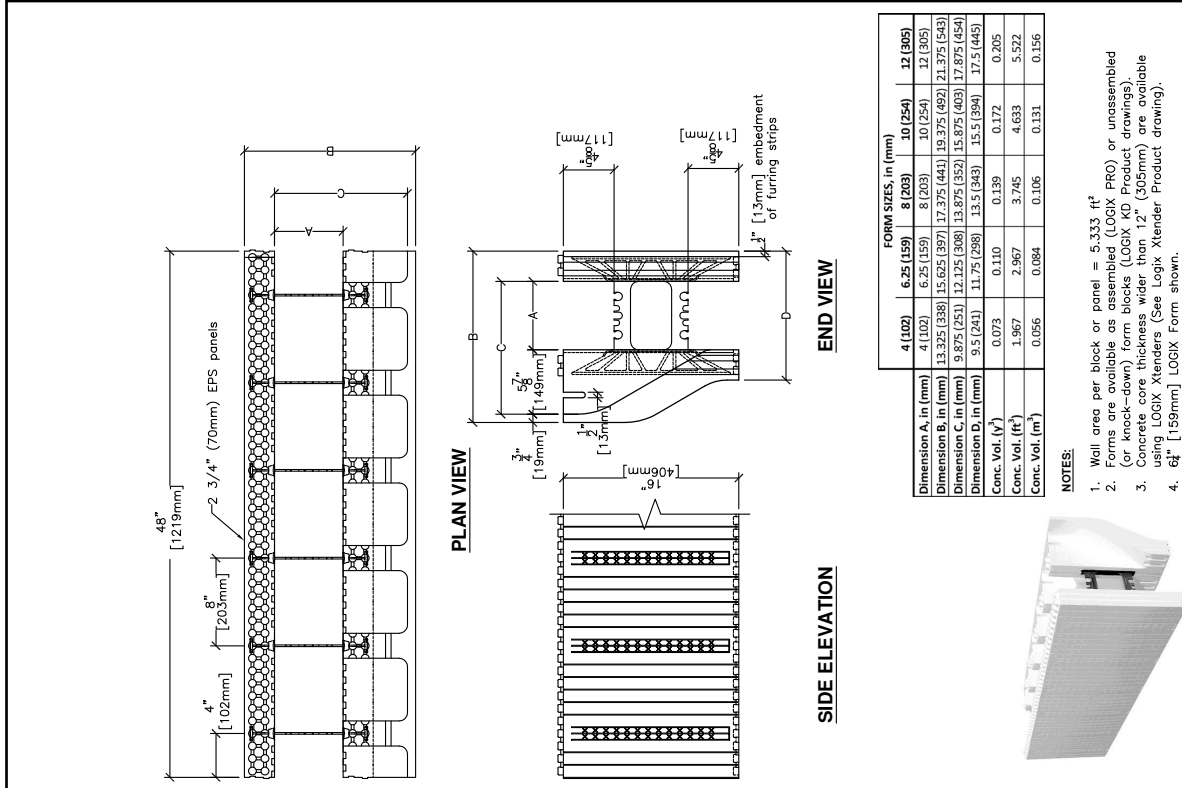
**NOTE:** The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## 5.1.1.1 - STANDARD FORM

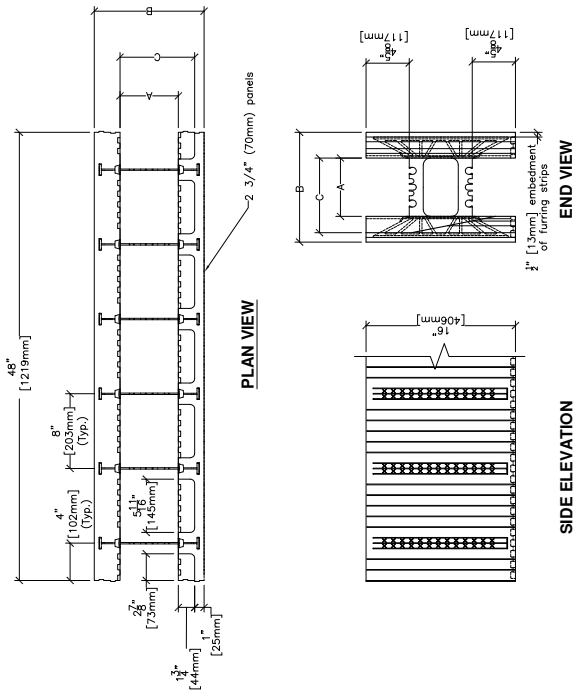


## 5.1.1.2- BRICK LEDGE FORM



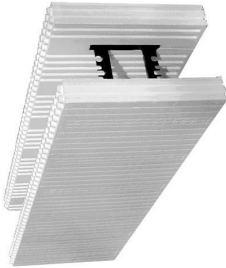
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.1.1.3 - TAPER TOP FORM

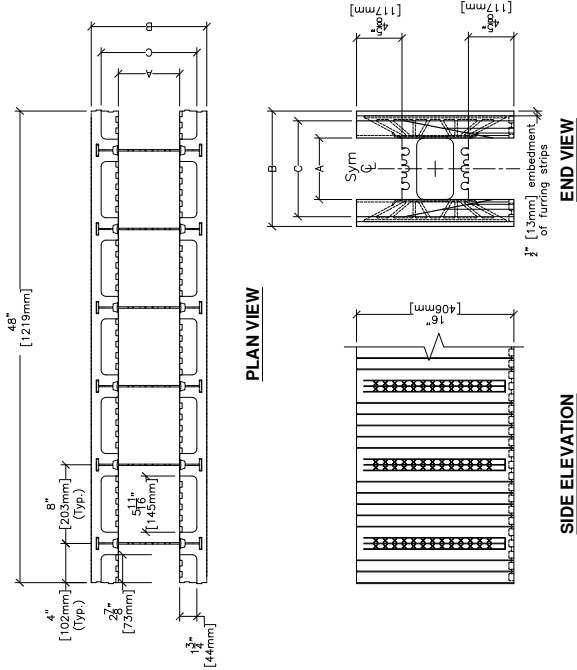


FORM SIZES, in (mm)					
4 (102)	6.25 (159)	8 (203)	10 (254)	12 (305)	
Dimension A, in (mm)	4 (102)	6.25 (159)	8 (203)	10 (254)	12 (305)
Dimension B, in (mm)	9.5 (241)	11.75 (298)	13.5 (343)	15.5 (394)	17.5 (445)
Dimension C, in (mm)	5.75 (146)	8 (203)	9.75 (248)	11.75 (298)	13.75 (349)
Conc. Vol. (ft <sup>3</sup> )	0.087	0.124	0.152	0.185	0.218
Conc. Vol. (m <sup>3</sup> )	2.339	3.339	4.116	5.005	5.894
Wall Area (ft <sup>2</sup> )	0.066	0.095	0.117	0.142	0.167
Wall Area (m <sup>2</sup> )	5.333	5.333	5.333	5.333	5.333
R-value	21.3	21.5	21.6	21.7	21.8
ISI	3.76	3.78	3.80	3.82	3.84

- NOTES:
1. Wall area per block or panel = 5.333 ft<sup>2</sup> (0.493 m<sup>2</sup>) or unattached (or knock-down) form blocks (LOGIX KD Product drawings).
  2. Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
  3. LOGIX Xtenders (See Logix Xtender Product drawing).
  4. 6 3/4" [168mm] LOGIX Form shown.



5.1.1.4 - DOUBLE TAPER TOP FORM

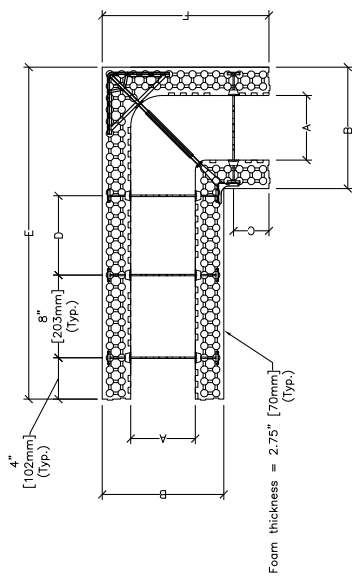


FORM SIZES, in (mm)					
4 (102)	6.25 (159)	8 (203)	10 (254)	12 (305)	
Dimension A, in (mm)	4 (102)	6.25 (159)	8 (203)	10 (254)	12 (305)
Dimension B, in (mm)	9.5 (241)	11.75 (298)	13.5 (343)	15.5 (394)	17.5 (445)
Dimension C, in (mm)	7.5 (191)	9.75 (248)	11.5 (292)	13.5 (343)	15.5 (394)
Conc. Vol. (ft <sup>3</sup> )	0.090	0.127	0.155	0.188	0.221
Conc. Vol. (m <sup>3</sup> )	2.420	3.420	4.197	5.086	5.975
Wall Area (ft <sup>2</sup> )	0.069	0.097	0.119	0.144	0.169

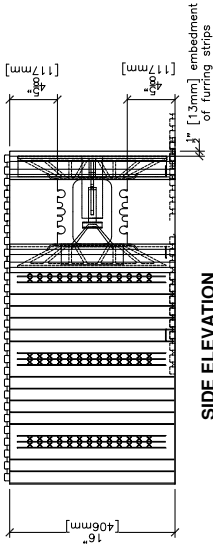
- NOTES:
1. Wall area per block or panel = 5.333 ft<sup>2</sup> (0.493 m<sup>2</sup>) or unattached (or knock-down) form blocks (LOGIX KD Product drawings).
  2. Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
  3. LOGIX Xtenders (See Logix Xtender Product drawing).
  4. 6 3/4" [168mm] LOGIX Form shown.



5.1.1.5 - LEFT HAND CORNER FORM



PLAN VIEW

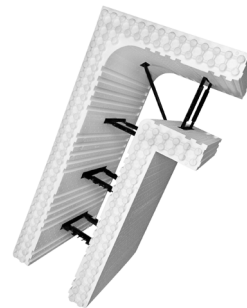


SIDE ELEVATION

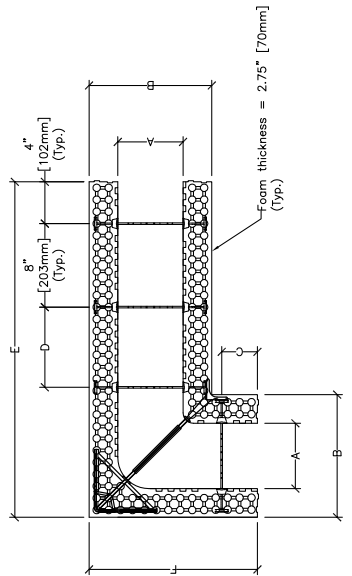
		FORM SIZES, in (mm)			
		4 (102)	6.25 (159)	8 (203)	10 (254)
Dimension A, in (mm)		4 (102)	6.25 (159)	8 (203)	10 (254)
Dimension B, in (mm)		9.5 (241)	11.75 (298)	13.5 (343)	15.5 (394)
Dimension C, in (mm)		3.5 (89)	3.375 (86)	2.25 (57)	2.125 (54)
Dimension D, in (mm)		7.67 (195)	7.67 (195)	6.125 (156)	5.875 (149)
Dimension E, in (mm)		32.125 (816)	32.125 (816)	32.125 (816)	34.5 (876)
Dimension F, in (mm)		16.125 (410)	16.125 (410)	16.125 (410)	18.5 (470)
Conc. Vol. (y <sup>3</sup> )		0.053	0.078	0.095	0.128
Conc. Vol. (m <sup>3</sup> )		1.419	2.096	2.558	3.456
Conc. Vol. (ft <sup>3</sup> )		0.040	0.059	0.072	0.098
Outside Corner Wall Area (ft <sup>2</sup> )		5.361	5.361	5.361	5.889
Inside Corner Wall Area (ft <sup>2</sup> )		3.250	2.750	2.361	2.444

NOTES:

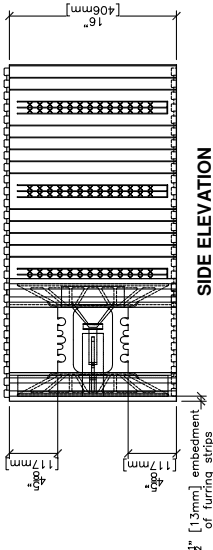
- Forms are available as assembled (LOGIX PRO) or unassembled (or knock-down) form blocks (LOGIX KD Product drawings).
- Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
- 6 1/2" [159mm] LOGIX Corner Form shown.



5.1.1.6 - RIGHT HAND CORNER FORM



PLAN VIEW

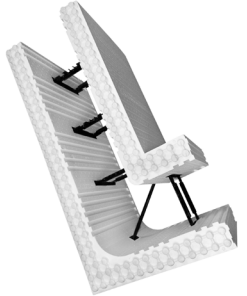


SIDE ELEVATION

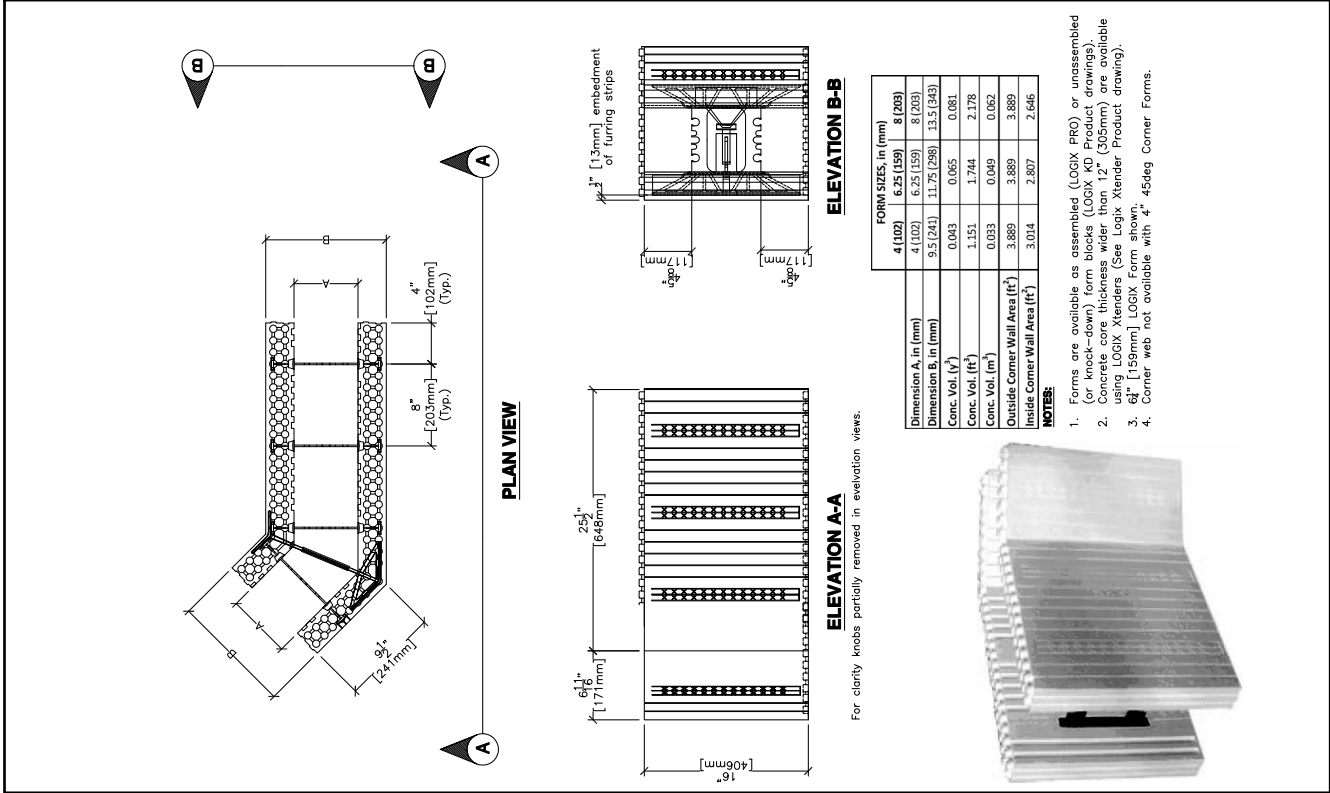
		FORM SIZES, in (mm)			
		4 (102)	6.25 (159)	8 (203)	10 (254)
Dimension A, in (mm)		4 (102)	6.25 (159)	8 (203)	10 (254)
Dimension B, in (mm)		9.5 (241)	11.75 (298)	13.5 (343)	15.5 (394)
Dimension C, in (mm)		3.5 (89)	3.375 (86)	2.25 (57)	2.125 (54)
Dimension D, in (mm)		7.67 (195)	7.67 (195)	6.125 (156)	5.875 (149)
Dimension E, in (mm)		32.125 (816)	32.125 (816)	32.125 (816)	34.5 (876)
Dimension F, in (mm)		16.125 (410)	16.125 (410)	16.125 (410)	18.5 (470)
Conc. Vol. (y <sup>3</sup> )		0.053	0.078	0.095	0.128
Conc. Vol. (m <sup>3</sup> )		1.419	2.096	2.558	3.456
Conc. Vol. (ft <sup>3</sup> )		0.040	0.059	0.072	0.098
Outside Corner Wall Area (ft <sup>2</sup> )		5.361	5.361	5.361	5.889
Inside Corner Wall Area (ft <sup>2</sup> )		3.250	2.750	2.361	2.444

NOTES:

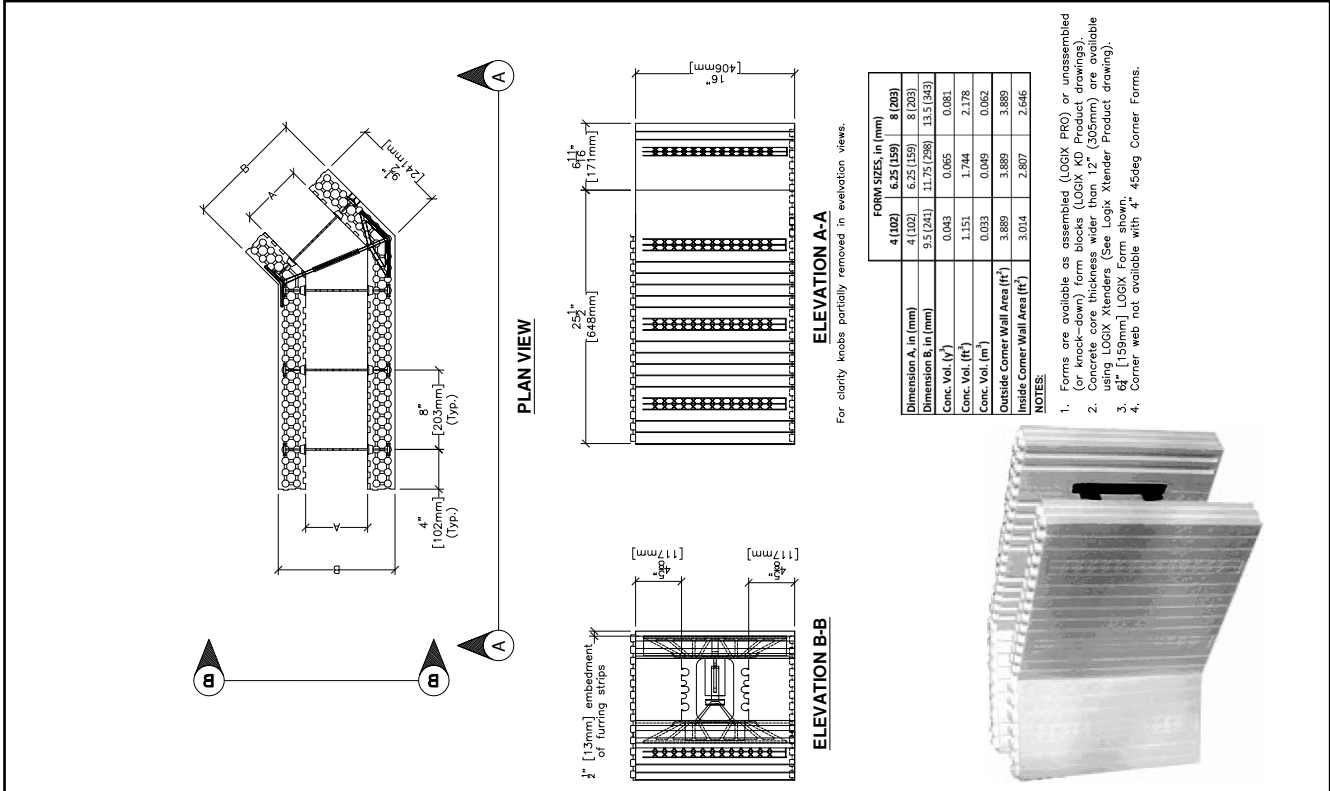
- Forms are available as assembled (LOGIX PRO) or unassembled (or knock-down) form blocks (LOGIX KD Product drawings).
- Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
- 6 1/2" [159mm] LOGIX Corner Form shown.



### 5.1.1.7 - LEFT HAND 45° FORM

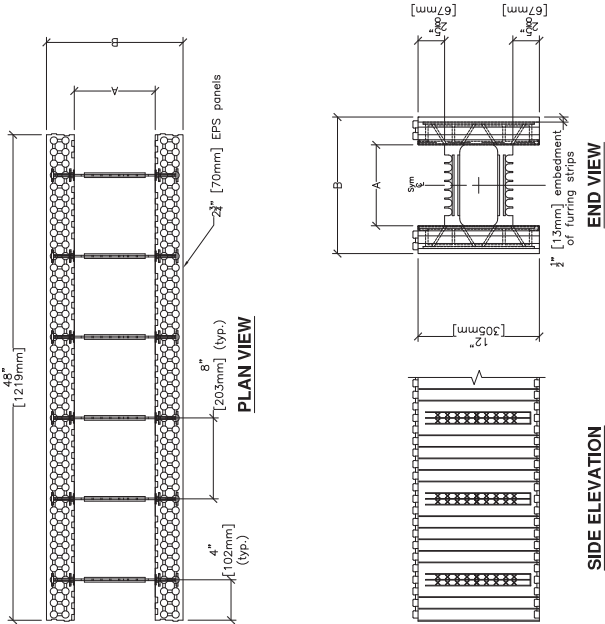


### 5.1.1.8 - RIGHT HAND 45° FORM



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

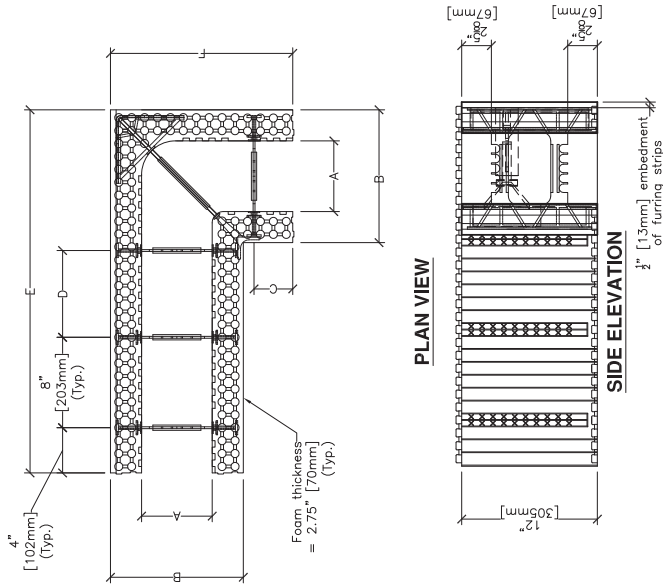
5.1.1.9 - V12 STANDARD



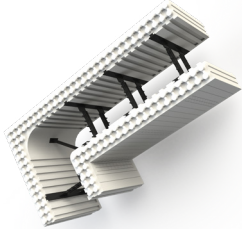
FORM SIZES, in (mm)	
6.25 (159)	8 (203)
Dimension A, in (mm)	6.25 (159)
Dimension B, in (mm)	11.75 (298)
Dimension C, in (mm)	3.375 (86)
Dimension D, in (mm)	7.67 (195)
Dimension E, in (mm)	32.125 (816)
Dimension F, in (mm)	16.125 (410)
Conc. Vol. (y <sup>3</sup> )	0.058
Conc. Vol. (ft <sup>3</sup> )	1.572
Conc. Vol. (m <sup>3</sup> )	0.045
Wall Area (sf)	4.021
R-value	24.4
RSI	4.31



5.1.1.10 - V12 LEFT-HAND CORNER



FORM SIZES, in (mm)	
6.25 (159)	8 (203)
Dimension A, in (mm)	6.25 (159)
Dimension B, in (mm)	11.75 (298)
Dimension C, in (mm)	3.375 (86)
Dimension D, in (mm)	7.67 (195)
Dimension E, in (mm)	32.125 (816)
Dimension F, in (mm)	16.125 (410)
Conc. Vol. (y <sup>3</sup> )	0.058
Conc. Vol. (ft <sup>3</sup> )	1.572
Conc. Vol. (m <sup>3</sup> )	0.045
Outside Corner Wall Area (ft <sup>2</sup> )	4.021
Inside Corner Wall Area (ft <sup>2</sup> )	2.063
RSI	1.771

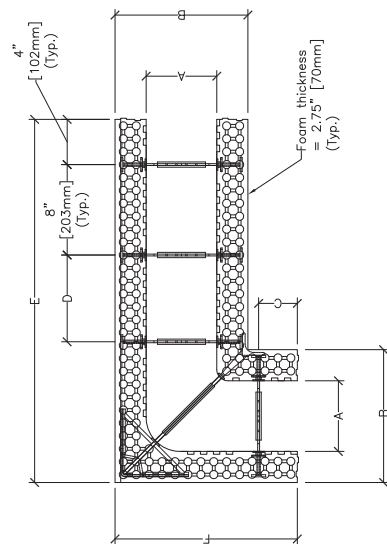


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

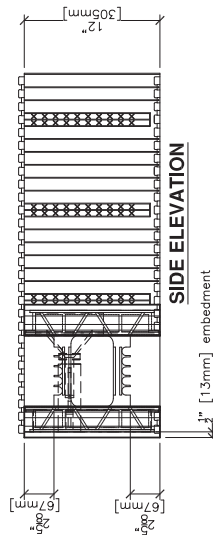


5.1.1.11 - V12 RIGHT-HAND CORNER

5.1.2.1 - LOGIX KD RIGHT-HAND CORNER FORMS

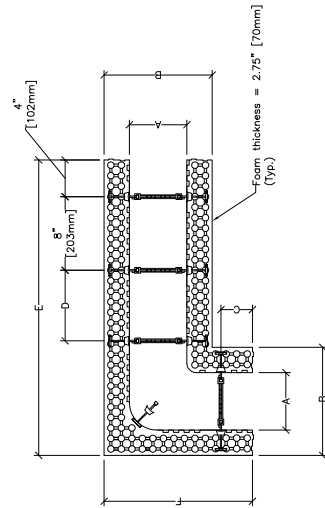
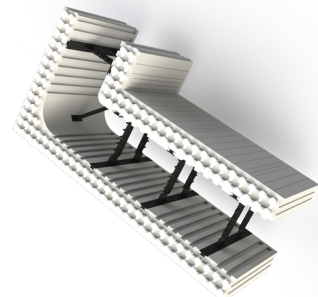


PLAN VIEW

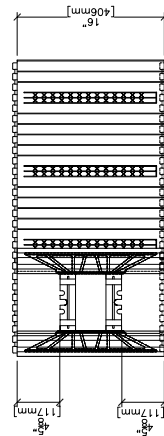


SIDE ELEVATION

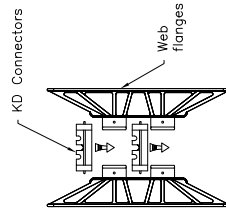
	FORM SIZES, in (mm)	
	6.25 (159)	8 (203)
Dimension A, in (mm)	6.25 (159)	8 (203)
Dimension B, in (mm)	11.75 (298)	13.5 (343)
Dimension C, in (mm)	3.375 (86)	2.25 (57)
Dimension D, in (mm)	7.67 (195)	6.125 (156)
Dimension E, in (mm)	32.125 (816)	32.125 (816)
Dimension F, in (mm)	16.125 (410)	16.125 (410)
Conc. Vol. (y <sup>3</sup> )	0.058	0.071
Conc. Vol. (ft <sup>3</sup> )	1.572	1.919
Conc. Vol. (m <sup>3</sup> )	0.045	0.054
Outside Corner Wall Area (ft <sup>2</sup> )	4.021	4.021
Inside Corner Wall Area (ft <sup>2</sup> )	2.063	1.771



PLAN VIEW



SIDE ELEVATION

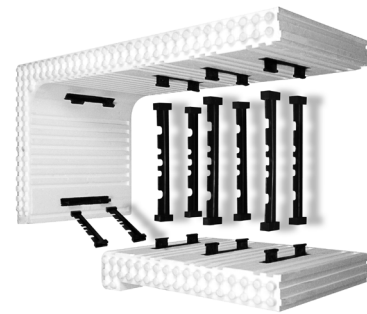


WEB COMPONENTS (NTS)

	FORM SIZES, in (mm)			
	4 (102)	6.25 (159)	8 (203)	10 (254)
Dimension A, in (mm)	N/A	N/A	8 (203)	10 (254)
Dimension B, in (mm)	N/A	11.75 (298)	13.5 (343)	15.5 (394)
Dimension C, in (mm)	N/A	3.375 (86)	2.25 (57)	2.125 (54)
Dimension D, in (mm)	N/A	7.67 (195)	6.125 (156)	5.875 (149)
Dimension E, in (mm)	N/A	32.125 (816)	32.125 (816)	34.5 (876)
Dimension F, in (mm)	N/A	16.125 (410)	16.125 (410)	18.5 (470)
Conc. Vol. (y <sup>3</sup> )	N/A	0.078	0.095	0.128
Conc. Vol. (ft <sup>3</sup> )	N/A	2.096	2.558	3.456
Conc. Vol. (m <sup>3</sup> )	N/A	0.059	0.072	0.088
Outside Corner Wall Area (ft <sup>2</sup> )	N/A	5.361	5.361	5.889
Inside Corner Wall Area (ft <sup>2</sup> )	N/A	2.750	2.361	2.444

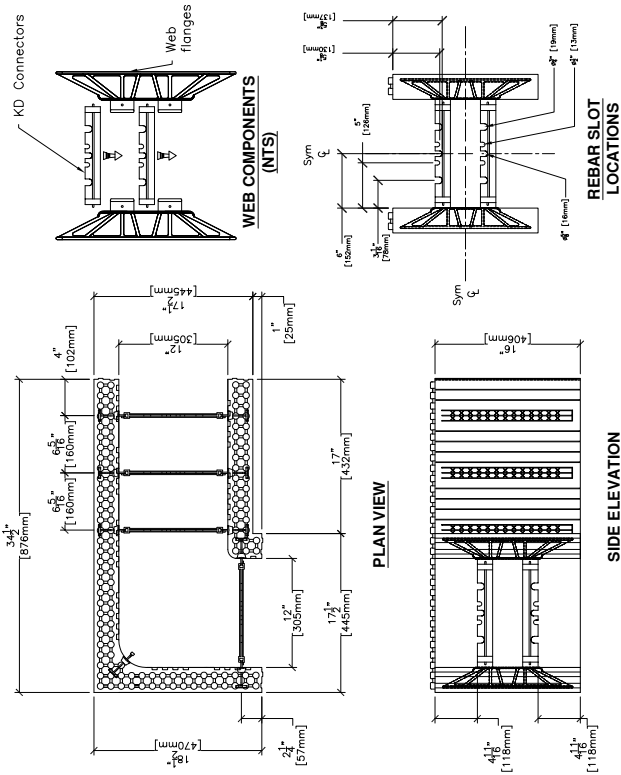
NOTES:

- Drawings showing rebar slot locations will be available upon request.
- Rebar slots are available in 12" (305mm) increments.
- Concrete thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
- 6 1/4" [159mm] LOGIX Corner Form shown.



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

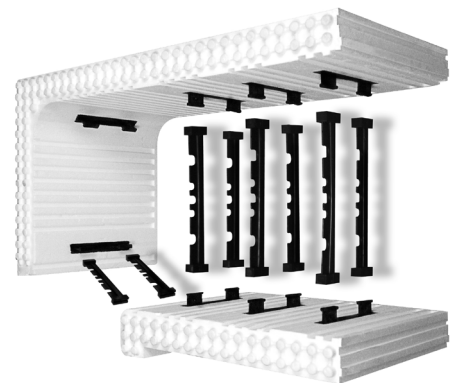
## FORMS CONT'D



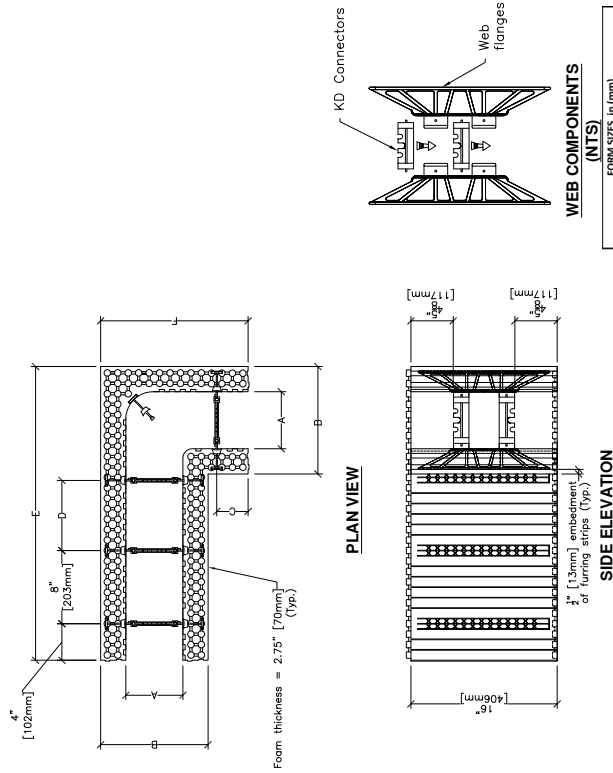
Conc. Vol. (y <sup>3</sup> )	0.146
Conc. Vol. (ft <sup>3</sup> )	3.929
Conc. Vol. (m <sup>3</sup> )	0.111
Outside Corner Wall Area (ft <sup>2</sup> )	5.889
Inside Corner Wall Area (ft <sup>2</sup> )	2.000

## NOTES:

1. Drawings showing rebar slot locations will be available upon request.
2. Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing)



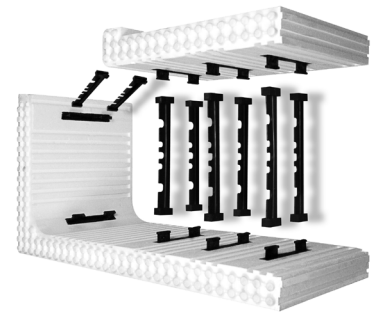
### 5.1.2.2 - LOGIX KD LEFT HAND CORNER FORMS



FORM SIZES, IN (mm)		(NITS)	
4 (102)	6.25 (159)	8 (203)	10 (254)
Dimension A, in (mm)	N/A	8 (203)	10 (254)
Dimension B, in (mm)	6.25 (159)	8 (203)	10 (254)
Dimension C, in (mm)	13.5 (343)	13.5 (343)	15.5 (394)
Dimension D, in (mm)	N/A	3.75 (95)	2.125 (54)
Dimension E, in (mm)	N/A	2.25 (57)	2.125 (54)
Dimension F, in (mm)	N/A	6.25 (159)	5.875 (149)
Dimension G, in (mm)	N/A	32.125 (816)	34.5 (876)
Dimension H, in (mm)	N/A	16.25 (413)	18.5 (470)
Conc. Vol. (ft <sup>3</sup> )	N/A	0.095	0.128
Conc. Vol. (m <sup>3</sup> )	N/A	2.095	3.456
Conc. Vol. (ft <sup>3</sup> )	N/A	0.059	0.098
Conc. Vol. (m <sup>3</sup> )	N/A	5.361	5.989
Outside Corner Wall Area (ft <sup>2</sup> )	N/A	2.750	2.864
Inside Corner Wall Area (ft <sup>2</sup> )	N/A	2.750	2.864

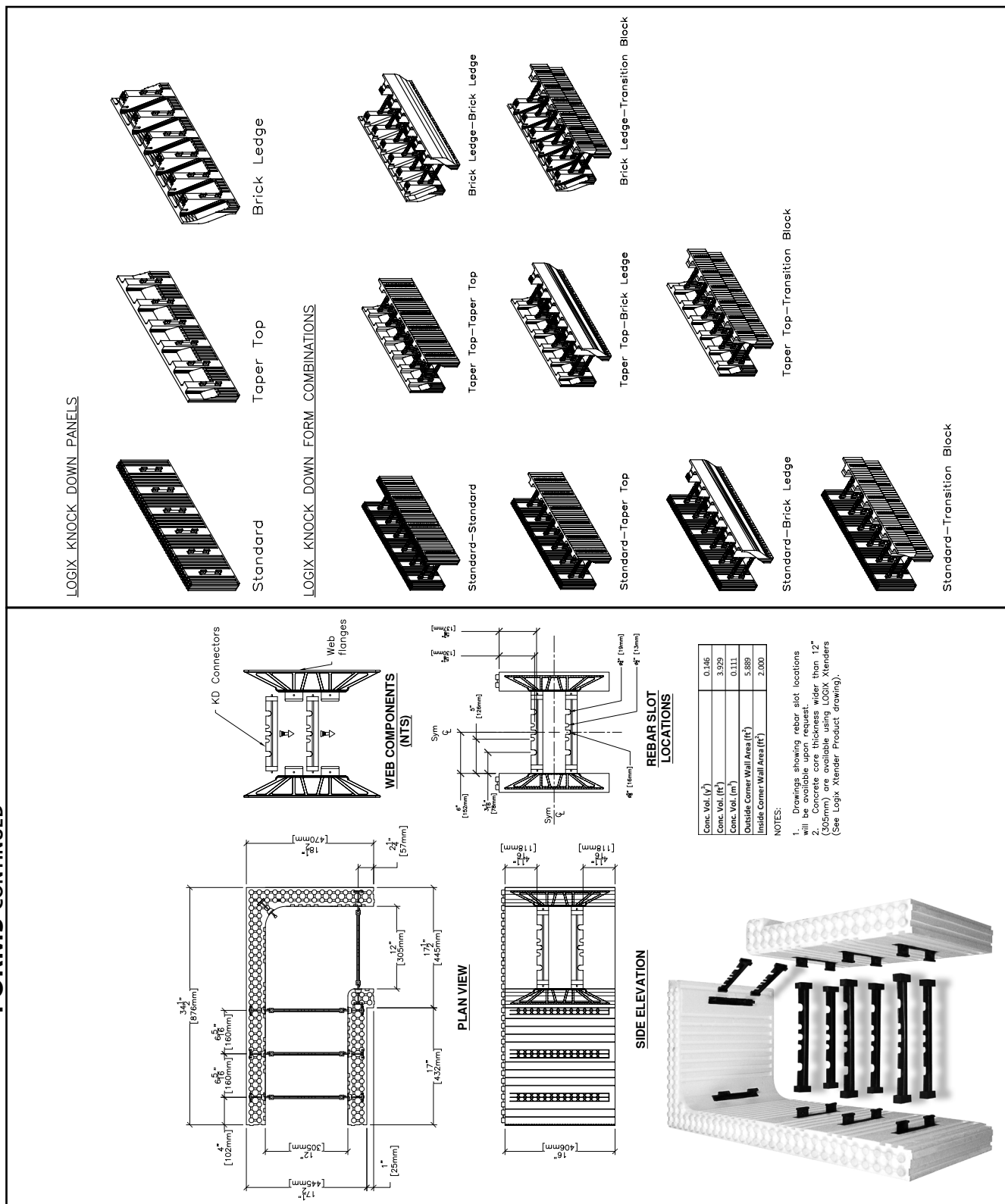
## NOTES:

1. Drawings showing rebar slot locations will be available upon request.
2. For 12" Right Hand LOGIX KD Corner Form see next page.
3. Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
4. 6 1/4" [159mm] LOGIX Corner Form shown.



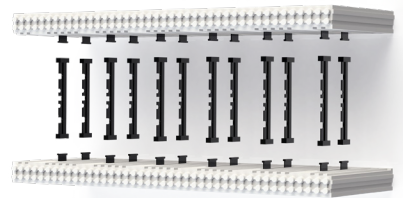
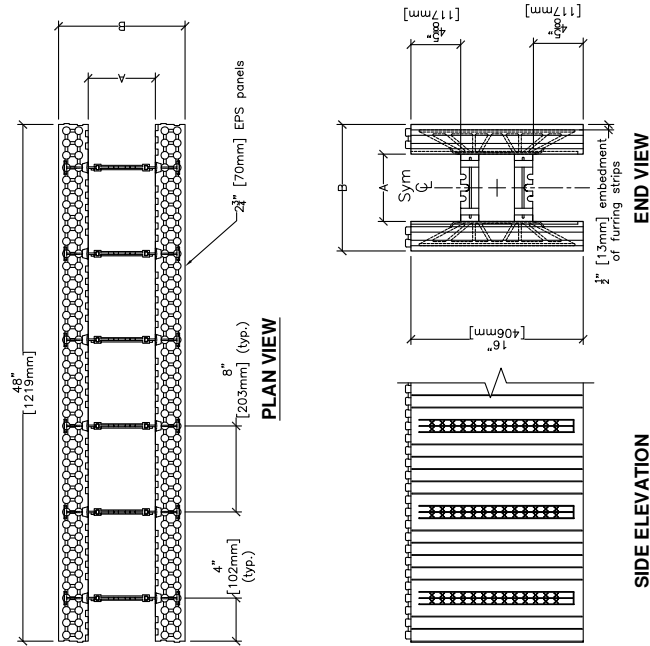
## 5.1.2.2 - LOGIX KD LEFT HAND CORNER FORMS CONTINUED

### 5.1.2.3 - LOGIX KD FORM COMBINATIONS



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.1.2.4 - LOGIX KD STANDARD FORM

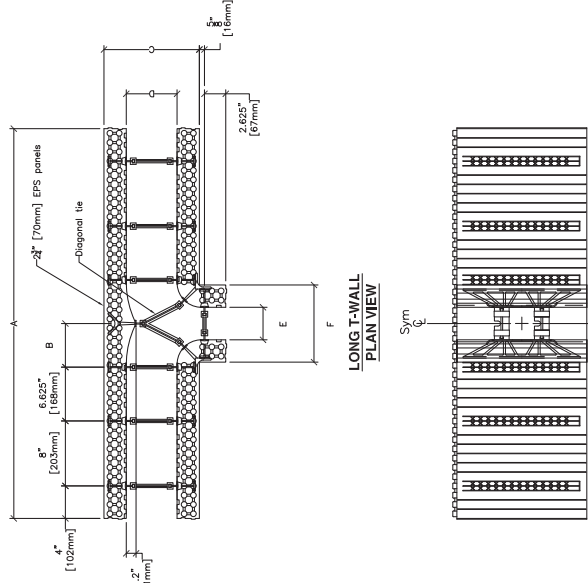


	FORM SIZES in (mm)			
Dimension A in (mm)	6.35 (159)	8 (203)	10 (254)	12 (305)
Dimension B in (mm)	6.35 (159)	8 (203)	10 (254)	12 (305)
Conc. Vol. (y <sup>3</sup> )	11.75 (298)	13.5 (343)	15.5 (394)	17.5 (445)
Conc. Vol. (ft <sup>3</sup> )	0.103	0.132	0.165	0.198
Conc. Vol. (m <sup>3</sup> )	2.778	3.556	4.444	5.333
Conc. Vol. (m <sup>3</sup> )	0.079	0.101	0.126	0.151

### NOTES:

1. Wall area per block or panel = 5.333 ft<sup>2</sup>
2. Drawings showing rebar slot locations will be available upon request.
3. For 12" Right Hand LOGIX KD Corner Form see Pg 3/4 or 4/4.
4. Concrete core thickness wider than 12" (305mm) are available using LOGIX Xtenders (See Logix Xtender Product drawing).
5. 6 1/4" [159mm] LOGIX Form shown.

## 5.1.2.5 - LOGIX T-WALL



LONG T-WALL  
SIDE ELEVATION

LONG T-WALL  
END VIEW

T-WALL SIZES											
6 1/2" to 4" (165 mm to 102 mm)	6 1/2" to 6 1/2" (165 mm to 165 mm)	8" to 4" (203 mm to 102 mm)	8" to 6 1/2" (203 mm to 165 mm)	10" to 4" (254 mm to 102 mm)	10" to 6 1/2" (254 mm to 165 mm)	12" to 4" (305 mm to 102 mm)	12" to 6 1/2" (305 mm to 165 mm)	12" to 8" (305 mm to 203 mm)	12" to 10" (305 mm to 254 mm)	12" to 12" (305 mm to 305 mm)	12" to 14" (305 mm to 356 mm)
A	48"	48"	48"	50.25"	50.25"	48"	50.25"	48"	50.25"	48"	50.25"
	(1219 mm)	(1219 mm)	(1219 mm)	(1276 mm)	(1276 mm)	(1219 mm)	(1276 mm)	(1219 mm)	(1276 mm)	(1219 mm)	(1276 mm)
B	5.375"	6.5"	5.375"	6.5"	5.375"	6.5"	5.375"	6.5"	5.375"	6.5"	5.375"
	(137 mm)	(165 mm)	(137 mm)	(165 mm)	(137 mm)	(165 mm)	(137 mm)	(165 mm)	(137 mm)	(165 mm)	(137 mm)
C	238 mm	238 mm	238 mm	238 mm	238 mm	238 mm	238 mm	238 mm	238 mm	238 mm	238 mm
D	6.25"	9.25"	6.25"	9.25"	6.25"	9.25"	6.25"	9.25"	6.25"	9.25"	6.25"
	(159 mm)	(235 mm)	(159 mm)	(235 mm)	(159 mm)	(235 mm)	(159 mm)	(235 mm)	(159 mm)	(235 mm)	(159 mm)
E	4"	6.25"	4"	6.25"	4"	6.25"	4"	6.25"	4"	6.25"	4"
	(102 mm)	(159 mm)	(102 mm)	(159 mm)	(102 mm)	(159 mm)	(102 mm)	(159 mm)	(102 mm)	(159 mm)	(102 mm)
F	9.5"	11.75"	9.5"	11.75"	9.5"	11.75"	9.5"	11.75"	9.5"	11.75"	9.5"
	(241 mm)	(298 mm)	(241 mm)	(298 mm)	(241 mm)	(298 mm)	(241 mm)	(298 mm)	(241 mm)	(298 mm)	(241 mm)

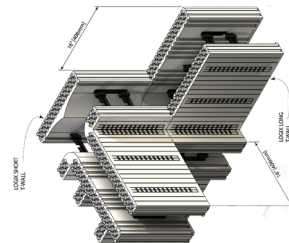
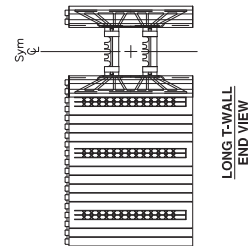
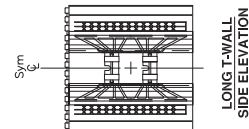
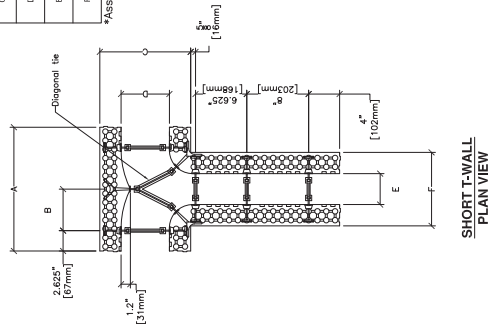
\*Assembled without diagonal tie

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

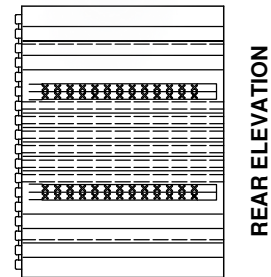
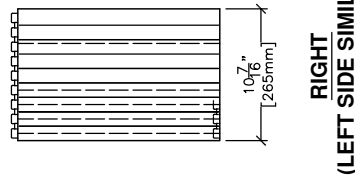
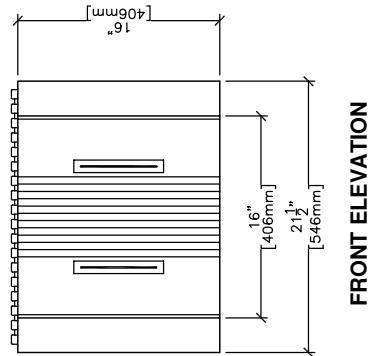
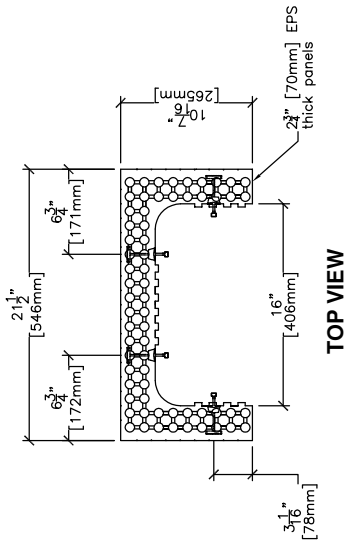
5.1.2.5 - LOGIX T-WALL CONTINUED

	T-WALL SIZES					
	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)
A	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)
B	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)
C	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)
D	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)
E	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)
F	12" to 42" (305mm to 1067mm)	42" to 60" (1067mm to 1524mm)	60" to 84" (1524mm to 2134mm)	84" to 102" (2134mm to 2591mm)	102" to 120" (2591mm to 3048mm)	120" to 144" (3048mm to 3658mm)

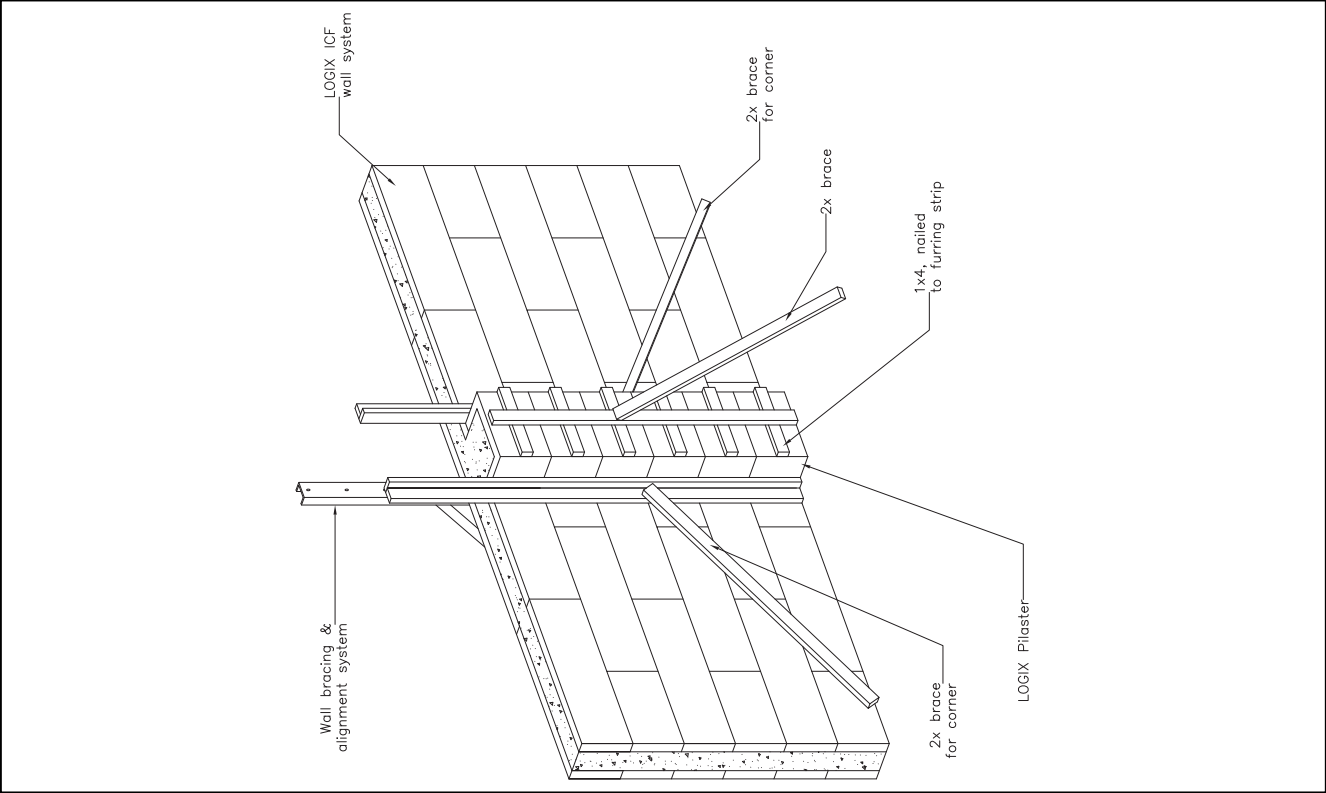
\*Assembled without diagonal tie



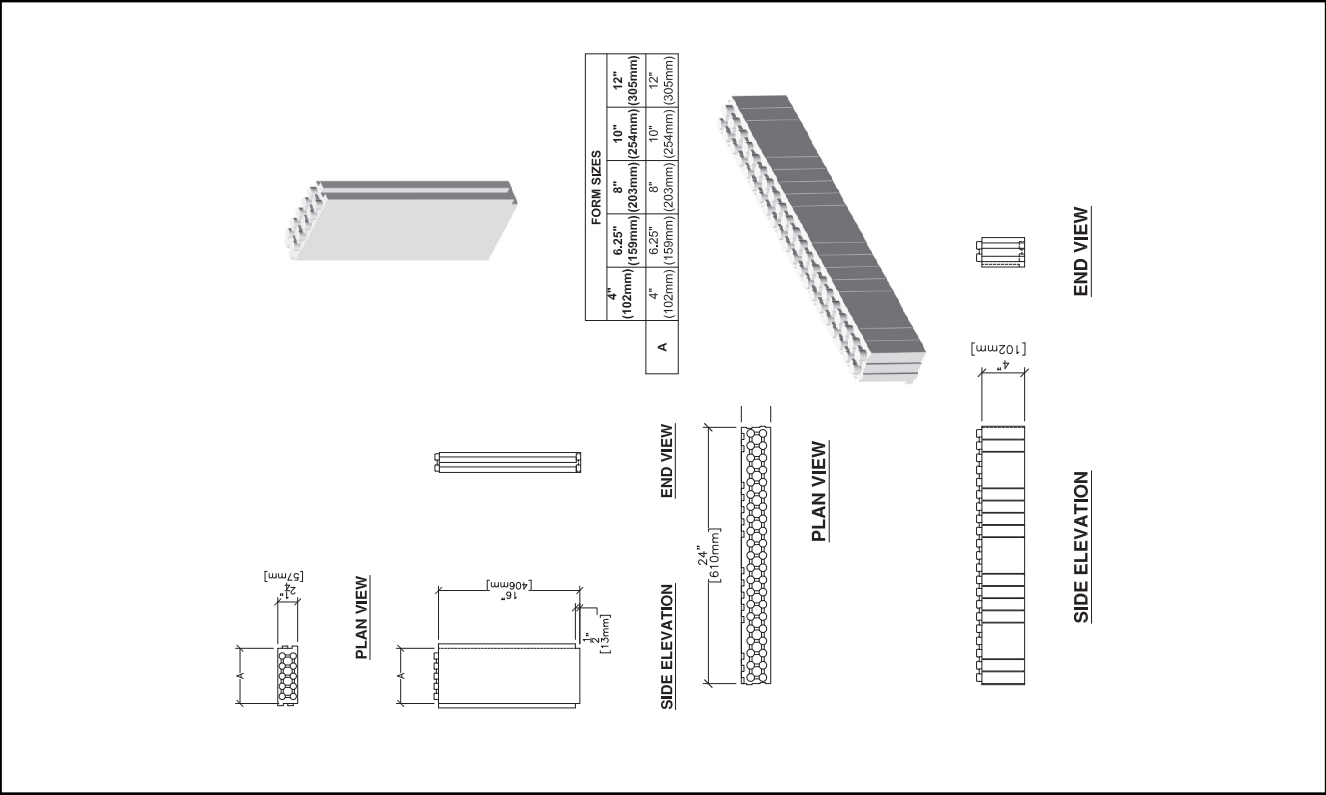
5.1.3.1.1 - PILASTER FORM



5.1.3.1.2 - PILASTER FORM SUPPORT & BRACING EXAMPLE



5.1.3.1.3 - END CAP & 4" HEIGHT ADJUSTER




The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

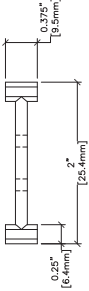


5.1.3.1.5 - LOGIX HORIZONTAL & VERTICAL STEEL HOOKS

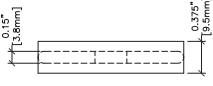
5.1.3.1.4 - LOGIX XTENDER



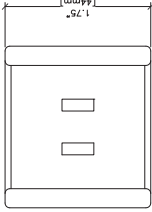
**PLAN VIEW**



**END VIEW**



**SIDE ELEVATION**



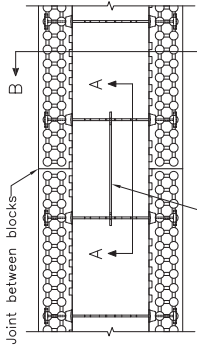
**CONCRETE CORE THICKNESS**

KD Connector Size	
4\" (103mm)	6.25\" (159mm)
6.25\" (159mm)	8\" (203mm)
8\" (203mm)	10\" (254mm)
10\" (254mm)	12\" (305mm)
12\" (305mm)	14\" (356mm)
14\" (356mm)	16\" (406mm)
16\" (406mm)	18\" (457mm)
18\" (457mm)	20\" (508mm)
20\" (508mm)	22\" (559mm)
22\" (559mm)	24\" (610mm)

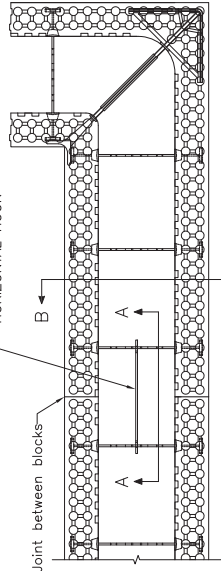
**NOTES:**

- Table lists concrete core thickness using two KD Connectors with one Xtender.

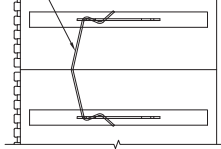
**HORIZONTAL HOOK CONNECTING STANDARD FORMS — PLAN VIEW**  
(Applicable for all LOGIX Standard Form sizes)



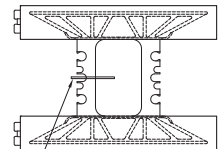
**HORIZONTAL HOOK CONNECTING STANDARD TO CORNER FORMS — PLAN VIEW**  
(see Notes)



**SECTION A-A**



**SECTION B-B**



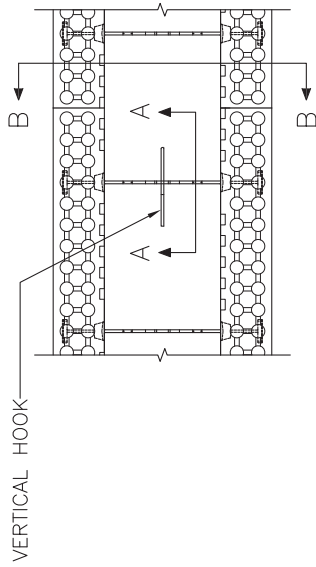
**NOTES:**

- Applicable for connecting 4\" or 6.25\" LOGIX Standard Forms to 4\" or 6.25\" LOGIX Corner Forms.
- Use traditional zip ties when connecting the shorter legs of the 8\", 10\" or 12\" LOGIX Corner Forms to LOGIX Standard Forms.
- When connecting the shorter leg of the 4\" LOGIX Corner Form be sure to connect the Horizontal Hook at the web's center rebar slot.

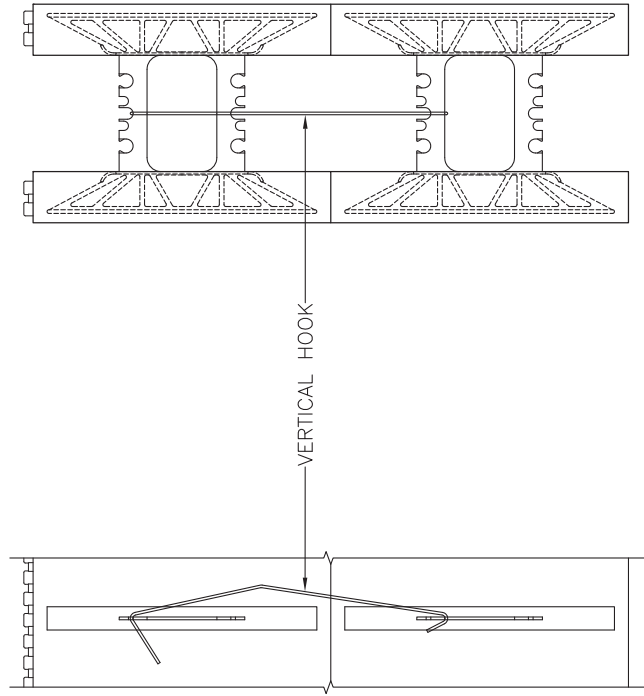
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



### 5.1.3.1.6 - LOGIX HORIZONTAL & VERTICAL STEEL HOOKS CONTINUED



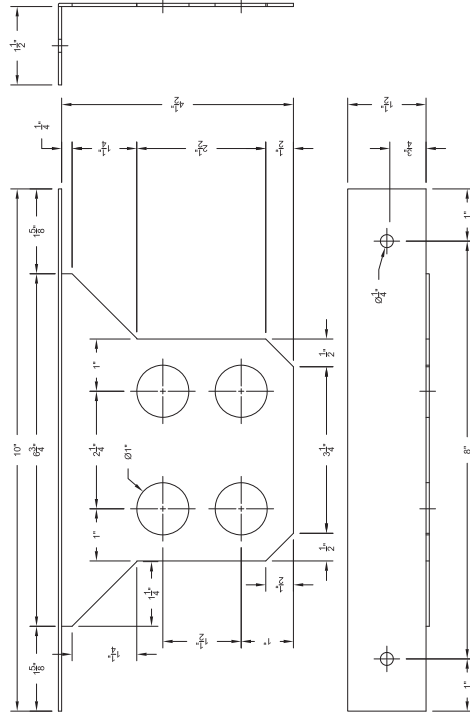
VERTICAL HOOK CONNECTING COURSES — PLAN VIEW



SECTION A-A

SECTION B-B

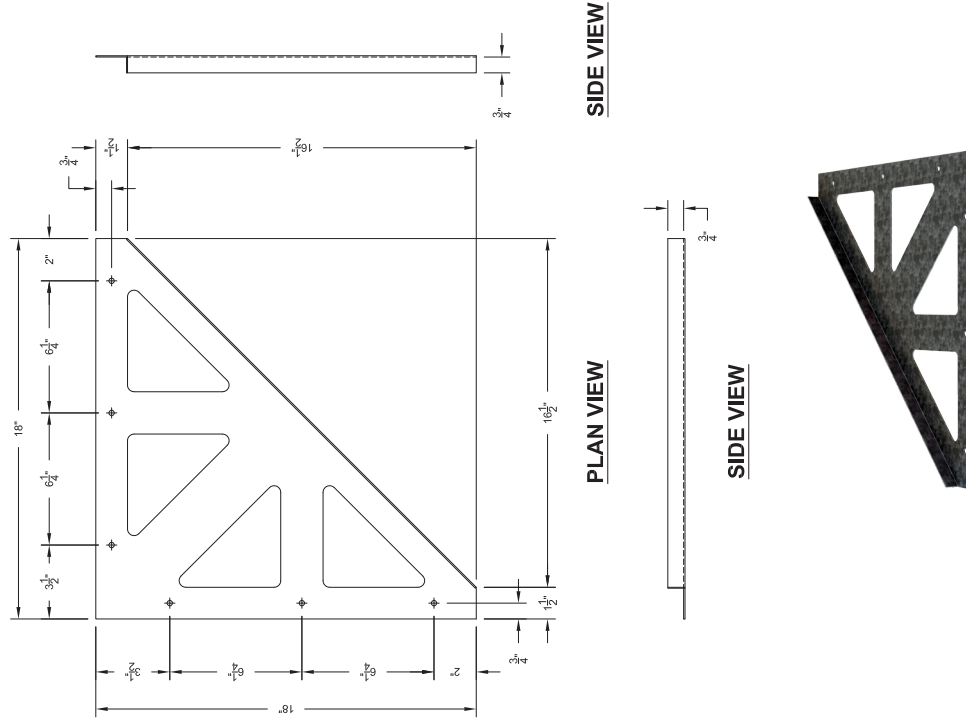
### 5.1.3.1.7 - WALL INSERT PLATE



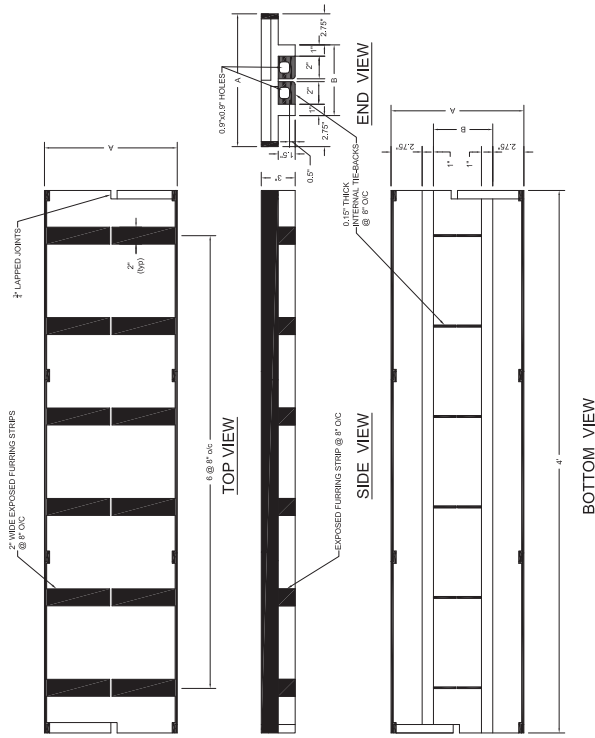
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.1.3.2 - PRO BUCK

### 5.1.3.1.8 - BUCK BRACE



### 5.1.3.2.1 - LOGIX PRO BUCK 6" & 8"

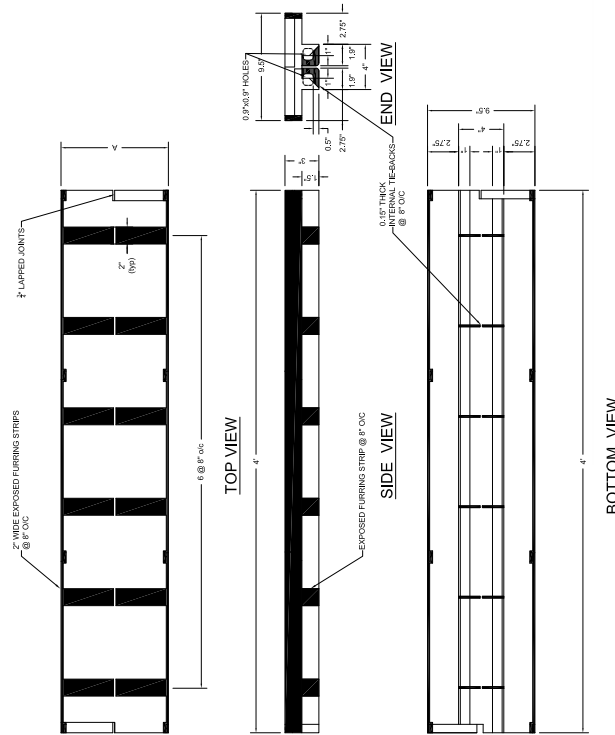


AVAILABLE LOGIX PRO BUCK SIZES		
	A	B
LOGIX 6.25" ICF	11.75"	6.25"
LOGIX 8" ICF	13.5"	8"
LOGIX 9.5" ICF		See next page



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

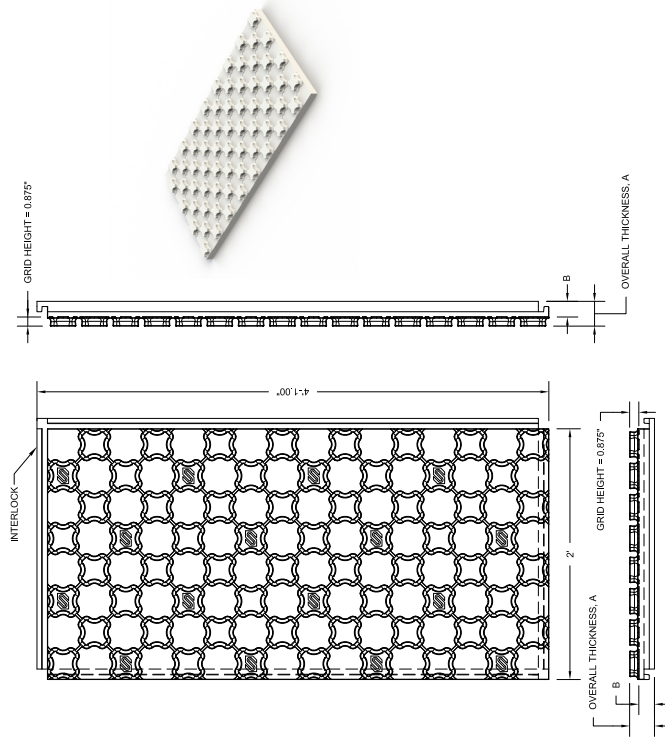
## 5.1.3.2.2 - LOGIX PRO BUCK 4"



NOTES:  
1. Pro Buck is available in sizes designed for 4", 6.25" and 8" Logix. See previous page for Pro Buck product drawings for 6.25" and 8" Logix.



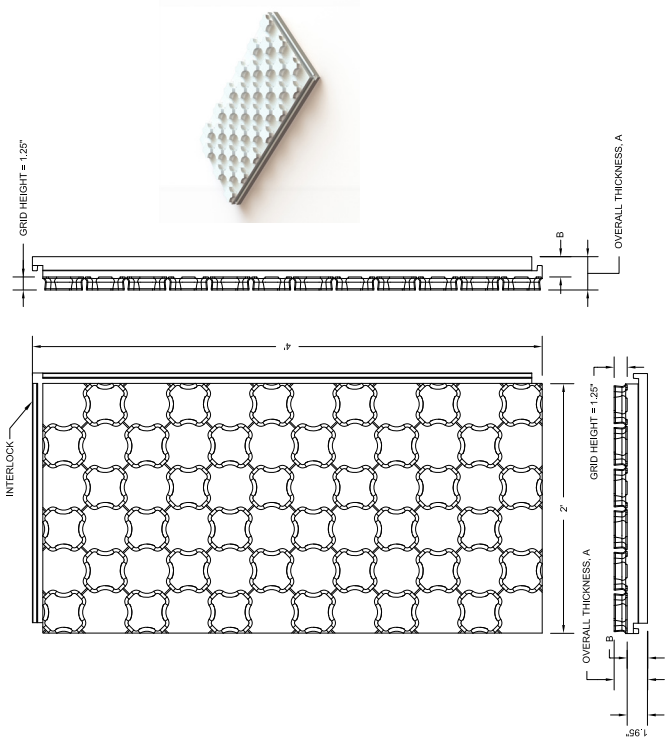
## 5.1.3.3.1 - HEAT-SHEET RADIANT FLOOR INSULATION



HEAT-SHEET SIZES					
PRODUCT	NOMINAL PANEL THICKNESS, B	OVERALL THICKNESS, A	AVG. R-VALUE	PANELS/ BUNDLE	SOFT/ BUNDLE
HS-R4"2	1"	1 1/4"	4	20	160
HS-R6"2	1 1/2"	1 7/8"	6	14	112
HS-R8"2	2"	2 1/4"	8	8	64
HS-R10"2	2 1/2"	2 7/8"	10	8	64
HS-R12"2	3"	3 1/4"	12	6	48
HS-R14"2	3 1/2"	3 7/8"	14	6	48
HS-R16"2	4"	4 1/4"	16	6	48
HS-R20"2	5"	5 1/4"	20	6	48

- In accordance with ASTM C578, and CANULC S701, at 75°F (24°C), R-value is determined based on weighted average R-values of radiant floor and panel profiles.
- The Heat-Sheet Radiant Floor Insulation is designed to be applied only over flat surfaces such as concrete slabs and wood subfloors.
- Additional vapor barrier may not be required when using Type 3 EPS, per CANULC S701.
- Additional vapor barrier may not be required when using Type X or XIV EPS, per ASTM C578, and the International Residential Code. Confirm with your local building official prior to use. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
- Heat-Sheet Radiant Floor Insulation is made with Graphite Polyethylene (GPE) to provide an incremental R-2.1.
- Custom orders may be available upon request. Confirm availability of all Heat-Sheet products with your local supplier.
- Visit Heat-Sheet.com for more information.

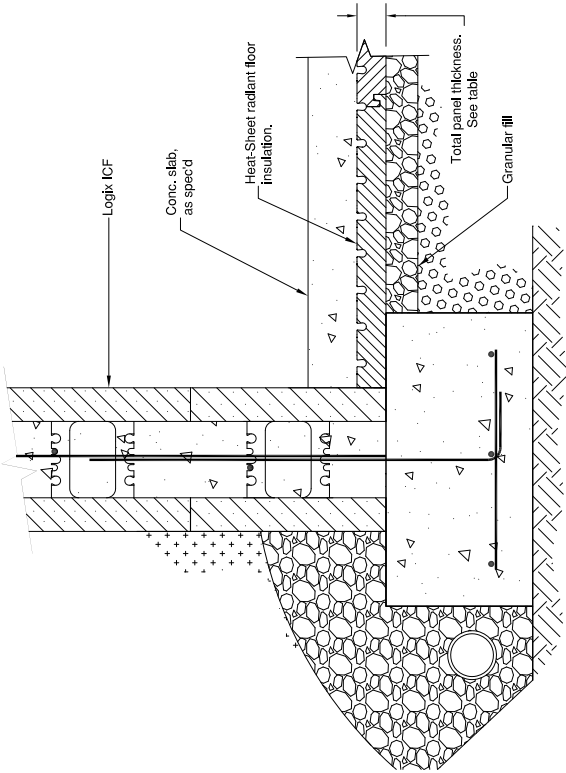
5.1.3.3.2 - HEAT-SHEET HEAVY RADIANT FLOOR INSULATION



HEAT-SHEET SIZES				
PRODUCT	INSULANT PANEL THICKNESS <sup>1</sup>	OVERALL THICKNESS <sup>2</sup>	AVG R-VALUE <sup>3</sup>	PANELS/ BUNDLE <sup>4</sup>
HS-R8	1 1/2"	2 3/4"	4	10
HS-R10 <sup>2,4</sup>	2"	3 1/4"	10	8
HS-R12 <sup>2,4</sup>	2 1/2"	3 3/4"	12	6
HS-R14 <sup>2,4</sup>	3"	4 1/4"	14	6
HS-R16 <sup>1,3,5</sup>	3 1/2"	4 3/4"	16	6

- In accordance with ASTM C578, and CANULC S701, at 75°F (24°C), R-value is determined based on weighted average R-value of insulate and panel profile.
- Additional vapor barrier may not be required when using Type 3 EPS, per CANULC S701, and the National Building Code of Canada.
- Additional vapor barrier not required when using Type IX or XIV EPS, per ASTM C578, and the International Residential Code. Confirm with your local building official prior to use. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
- Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
- Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.
- Custom orders may be available upon request. Confirm availability of all Heat-Sheet products with your local supplier.
- Visit Heat-Sheet.com for more information.

5.1.3.3.3 - HEAT-SHEET UNDER SLAB APPLICATION

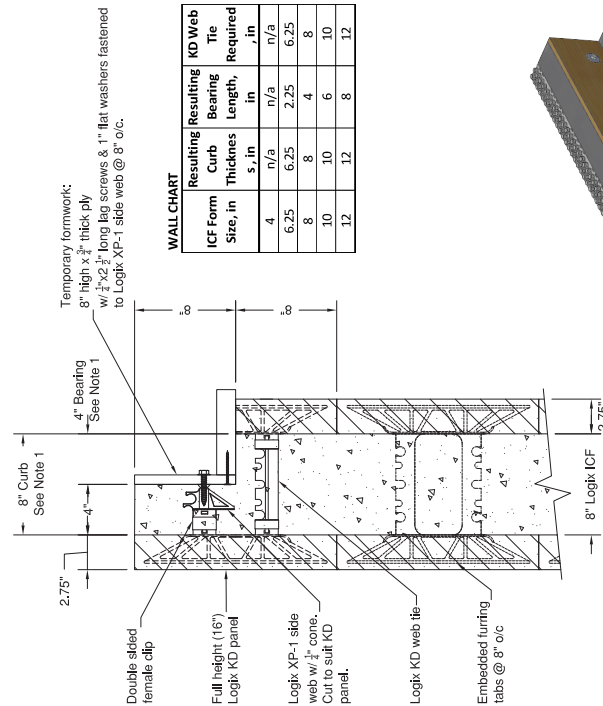


HEAT-SHEET SIZES		
PRODUCT	TTL PANEL THICKNESS <sup>1</sup>	AVG R-VALUE
HS-R4 <sup>1,4</sup>	1 1/4"	4
HS-R6 <sup>1,4</sup>	1 3/4"	6
HS-R8	2 3/4"	8
HS-R10 <sup>2,4</sup>	2 3/4"	10
HS-R12 <sup>2,4</sup>	3 3/4"	12
HS-R14 <sup>2,3</sup>	3 3/4"	14
HS-R16 <sup>2</sup>	3 3/4"	16

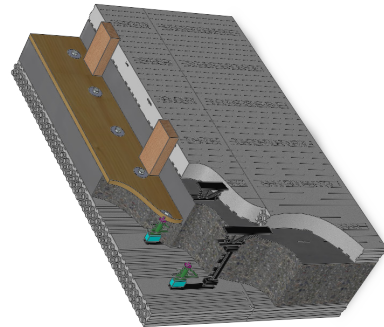
- These panels do not interlock.
- Additional vapor barrier not required when using Type 3 EPS, per CANULC S701.
- Additional vapor barrier not required when using Type IX EPS.
- Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

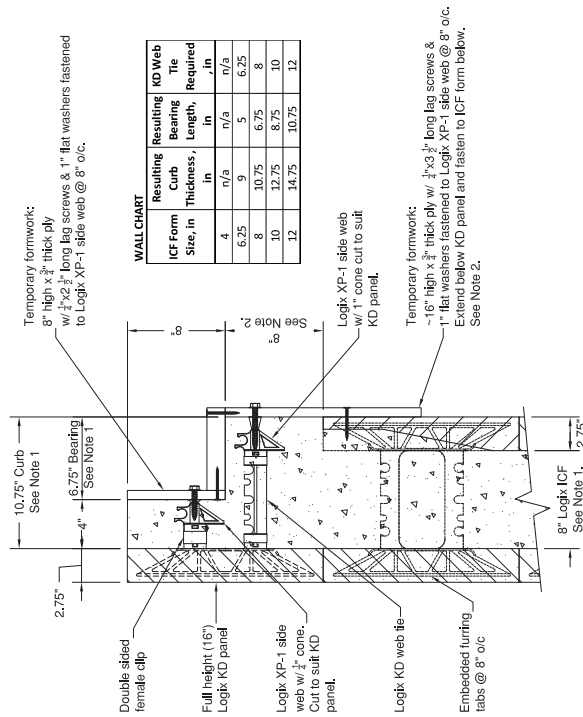
## 5.1.3.4.1 - XP-1 CURB BLOCK



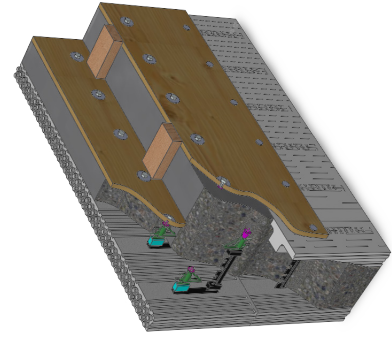
- NOTES:
- Dimensions shown are for 8" Logix ICF (8" concrete curb thickness), which provides a 4" bearing length. However, bearing length will vary depending on ICF wall sizes. Refer to Wall Chart table for available sizes, and corresponding dimensions.
  - For more information refer to the Logix XP-1 Installation Guide.



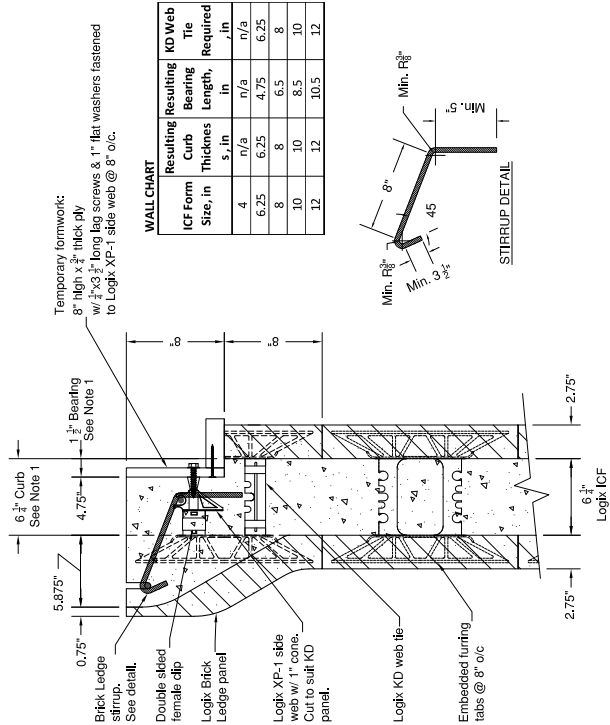
## 5.1.3.4.2 - XP-1 CURB BLOCK WITH CORBEL LEDGE



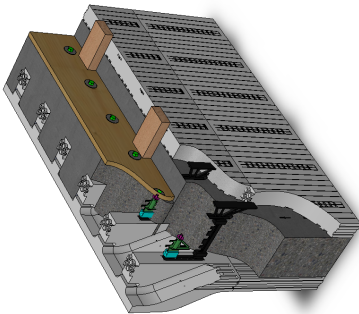
- NOTES:
- Dimensions shown are for 8" Logix ICF with 10.75" concrete curb thickness, which provides a 6.75" bearing length. However, these dimensions vary depending on ICF wall sizes. Refer to Wall Chart table for available sizes, and corresponding dimensions.
  - Depth of corbel edge can be greater than 8" by extending the XP-1 system, as required.
  - For more information refer to the Logix XP-1 Installation Guide.



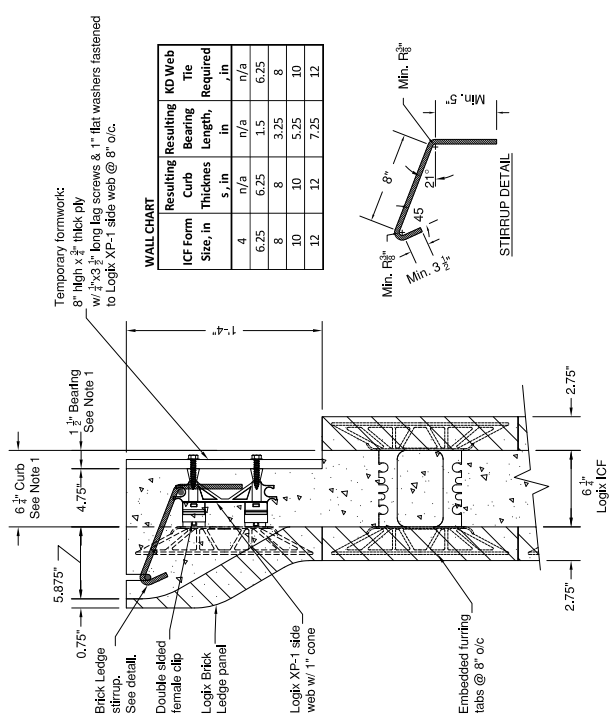
5.1.3.4.3 - XP-1 CURB BLOCK WITH BRICK  
LEDGE (1 OF 2)



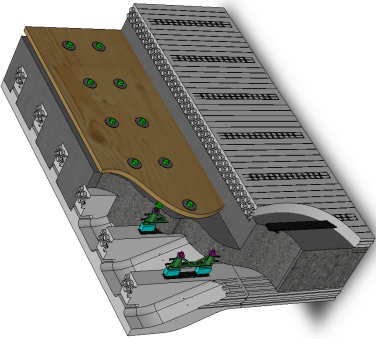
- NOTES:
- Dimensions shown are for 6 1/2" Logix ICF (6 1/2" concrete curb thickness), which provides a 1 1/2" bearing length. However, bearing length will vary depending on ICF wall sizes. Refer to Wall Chart table for available sizes, and corresponding dimensions.
  - For more information refer to the Logix XP-1 Installation Guide.



5.1.3.4.4 - XP-1 CURB BLOCK WITH BRICK  
LEDGE (2 OF 2)

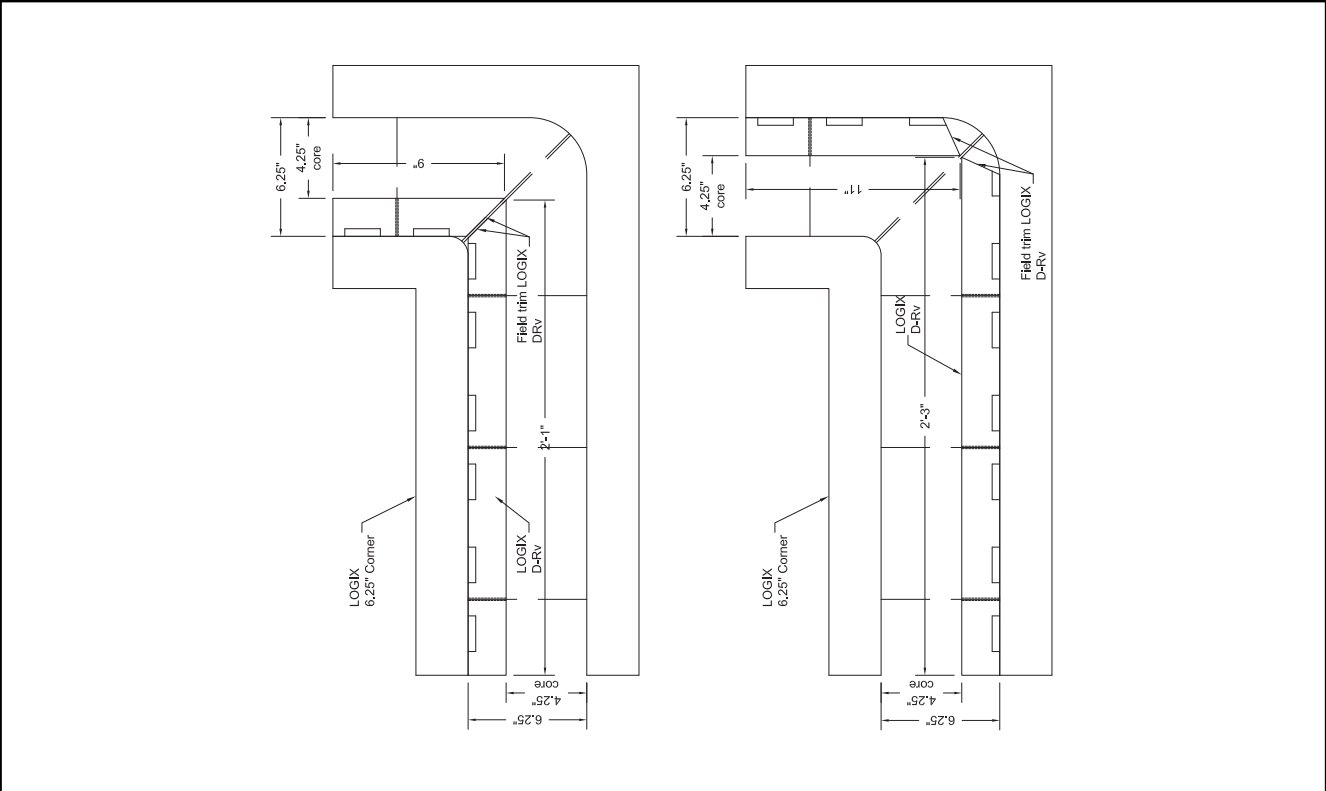


- NOTES:
- Dimensions shown are for 6 1/2" Logix ICF (6 1/2" concrete curb thickness), which provides a 1 1/2" bearing length. However, bearing length will vary depending on ICF wall sizes. Refer to Wall Chart table for available sizes, and corresponding dimensions.
  - For more information refer to the Logix XP-1 Installation Guide.

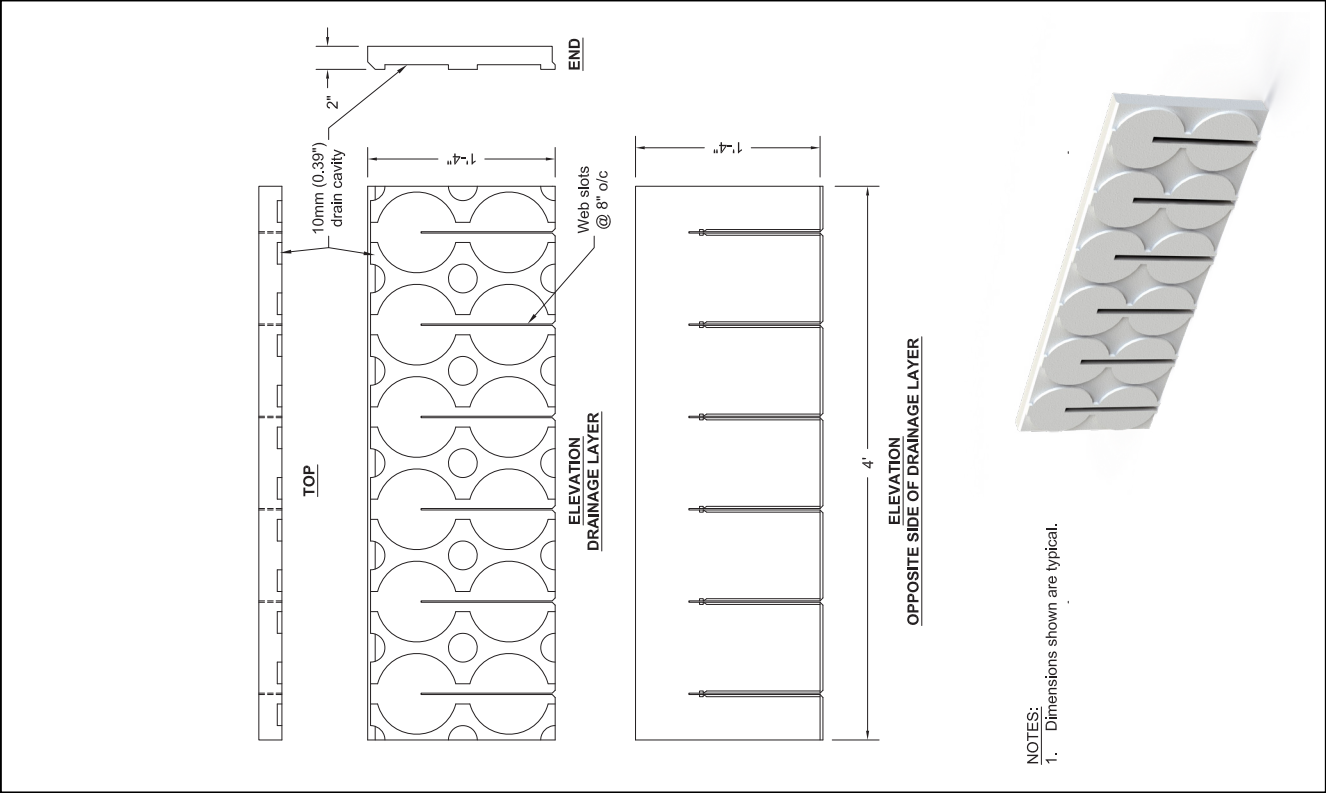


5.1.3.5 - D-RV PANEL INSERTS

5.1.3.5.2 - LOGIX D-RV WITH 6.25" LOGIX 90°  
CORNER FORMS



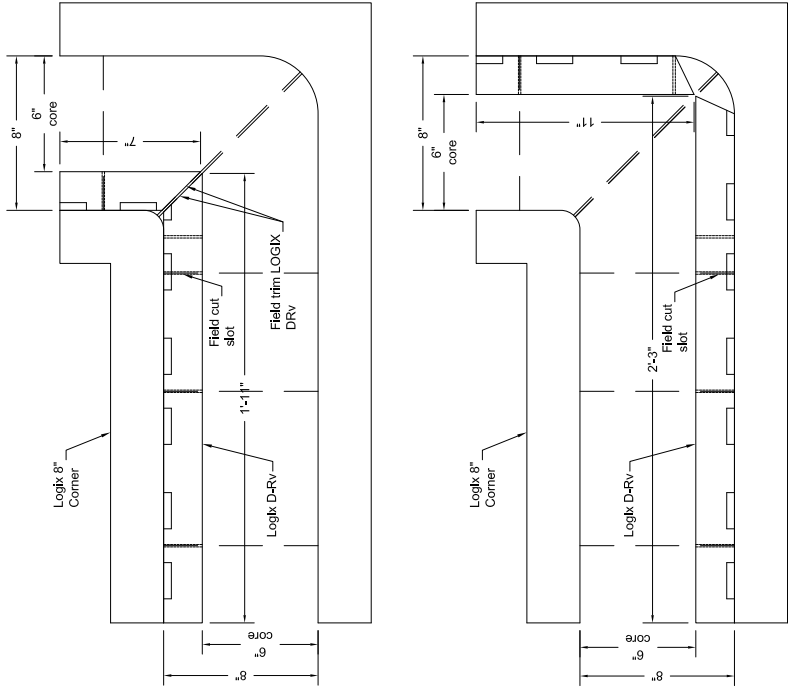
5.1.3.5.1 - LOGIX D-RV



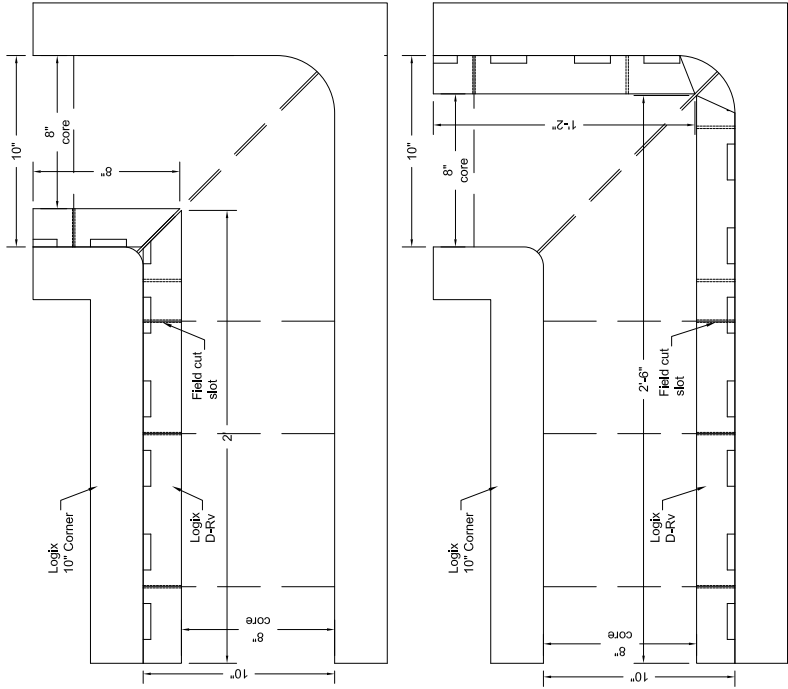
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



5.1.3.5.3 - LOGIX D-RV WITH 8" LOGIX 90° CORNER FORMS

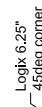


5.1.3.5.4 - LOGIX D-RV WITH 10" LOGIX 90° CORNER FORMS



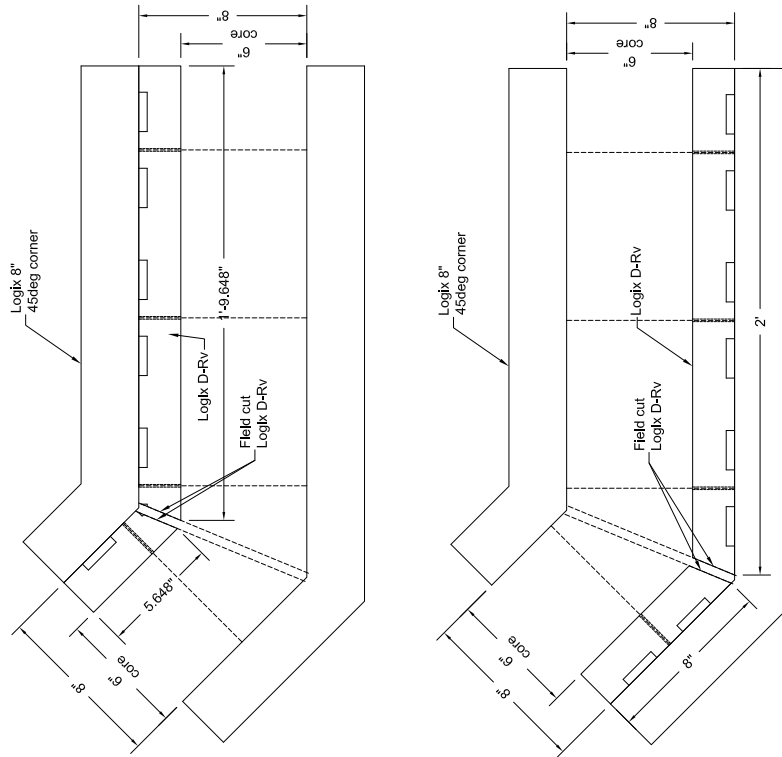
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## CORNER FORMS



CAD DRAWINGS - ACCESSORIES: D-RV PANEL INSERTS

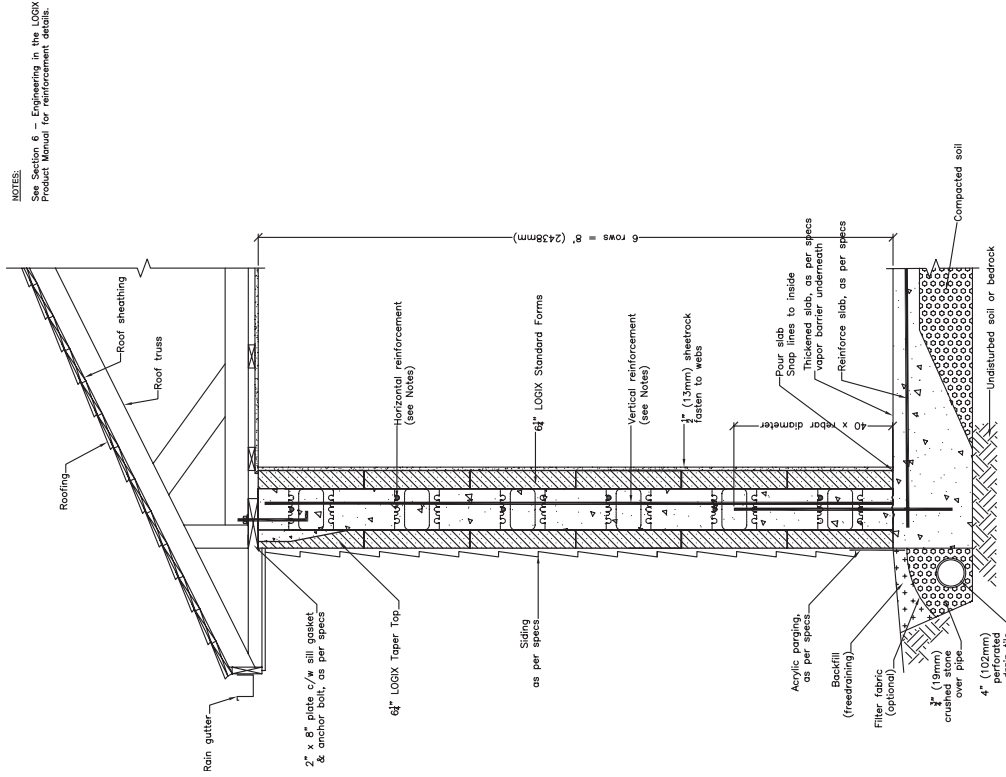
## 5.1.3.5.7 - LOGIX D-RV WITH 8" LOGIX 45° CORNER FORMS



## 5.2 - WALL SECTIONS

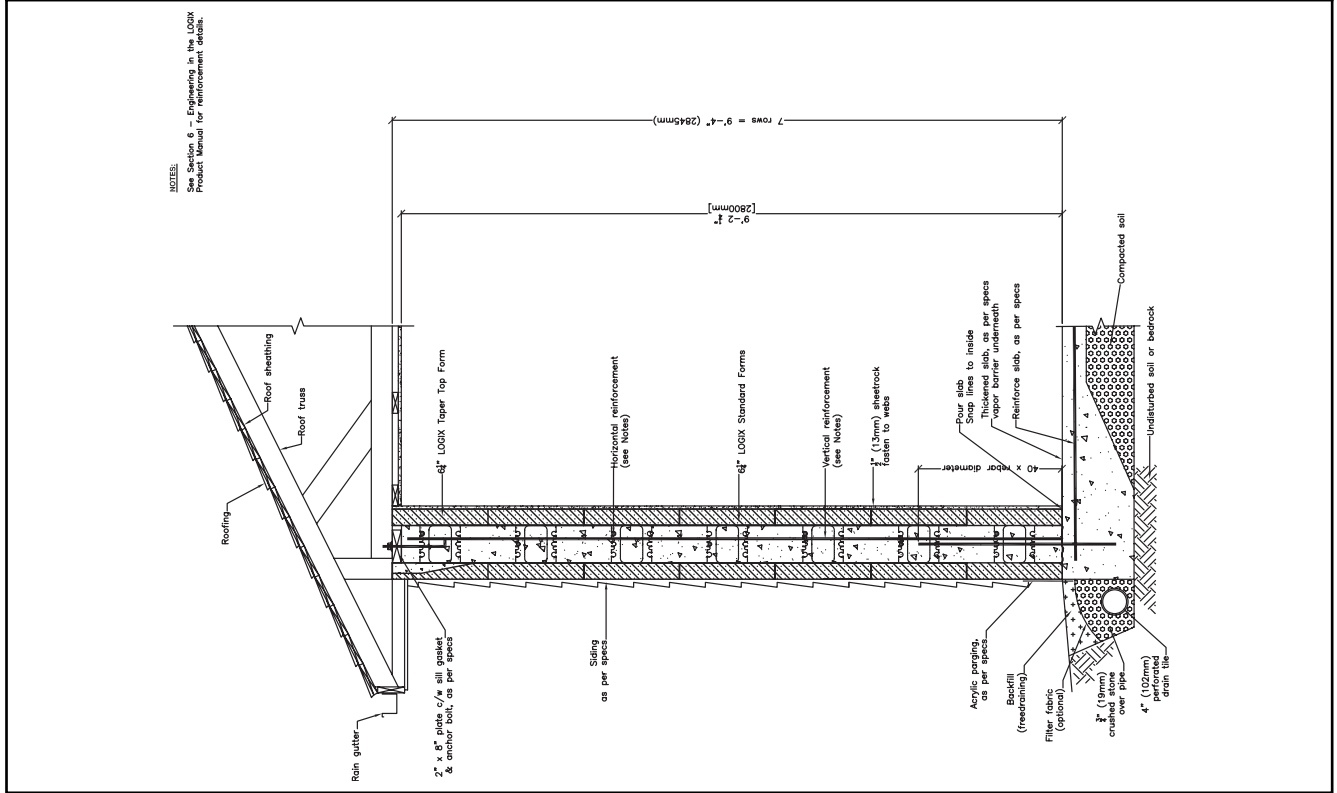
### 5.2.1 - SLAB-AT-GRADE

#### 5.2.1.1 - 8' WALL WITH THICKENED SLAB

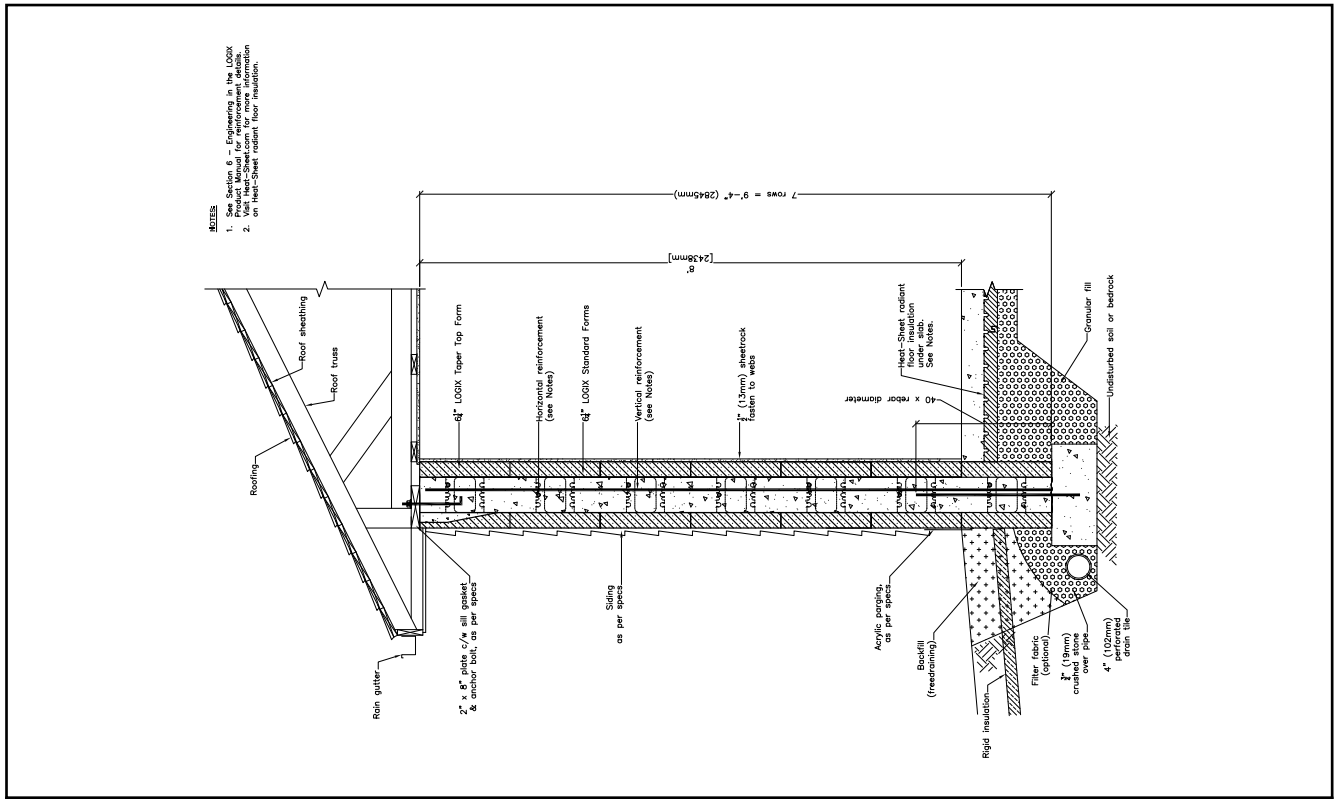


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.2.1.2 - 9'-4" WALL WITH THICKENED SLAB



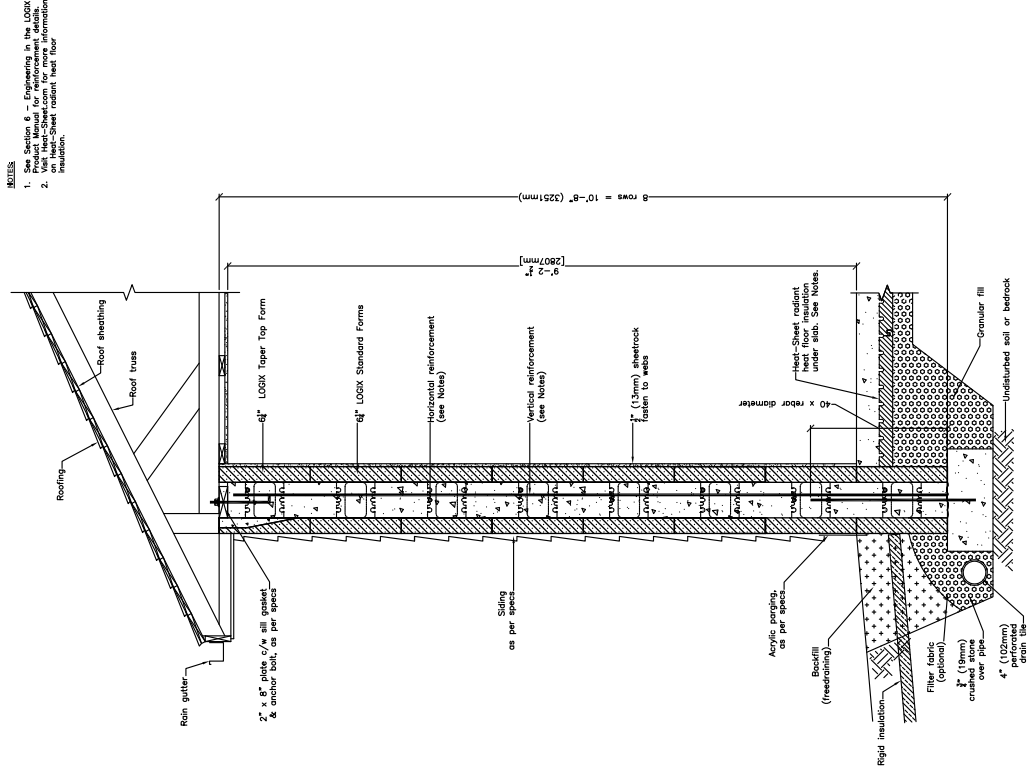
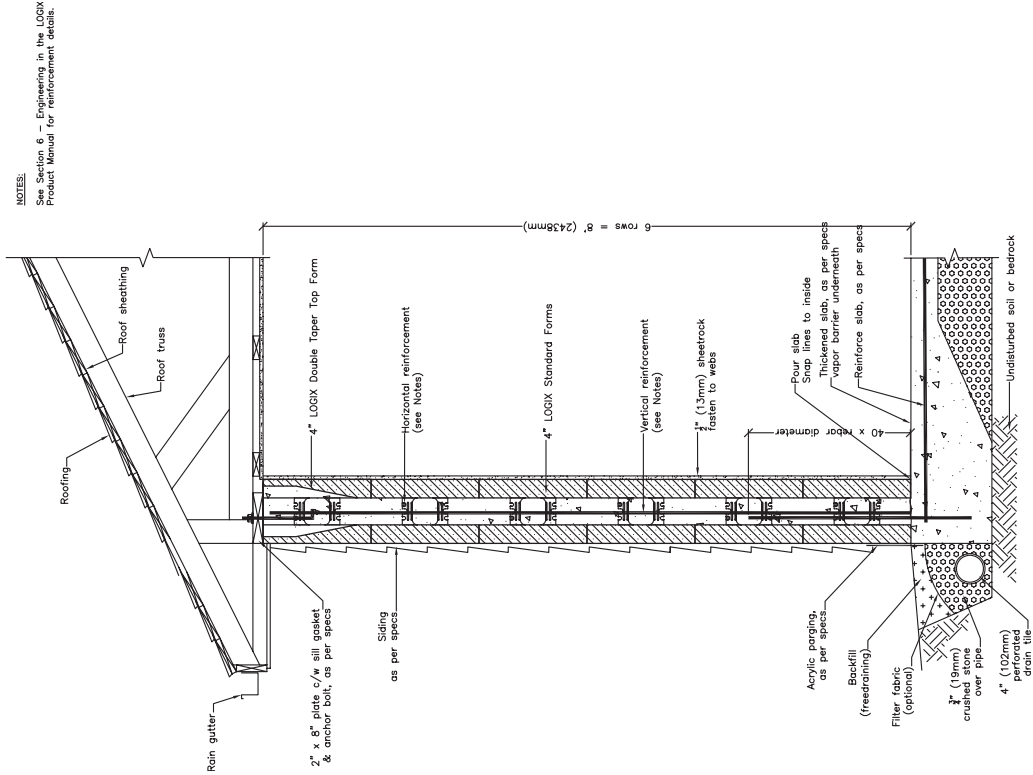
## 5.2.1.3 - 8' WALL WITH SHALLOW FROST WALL



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

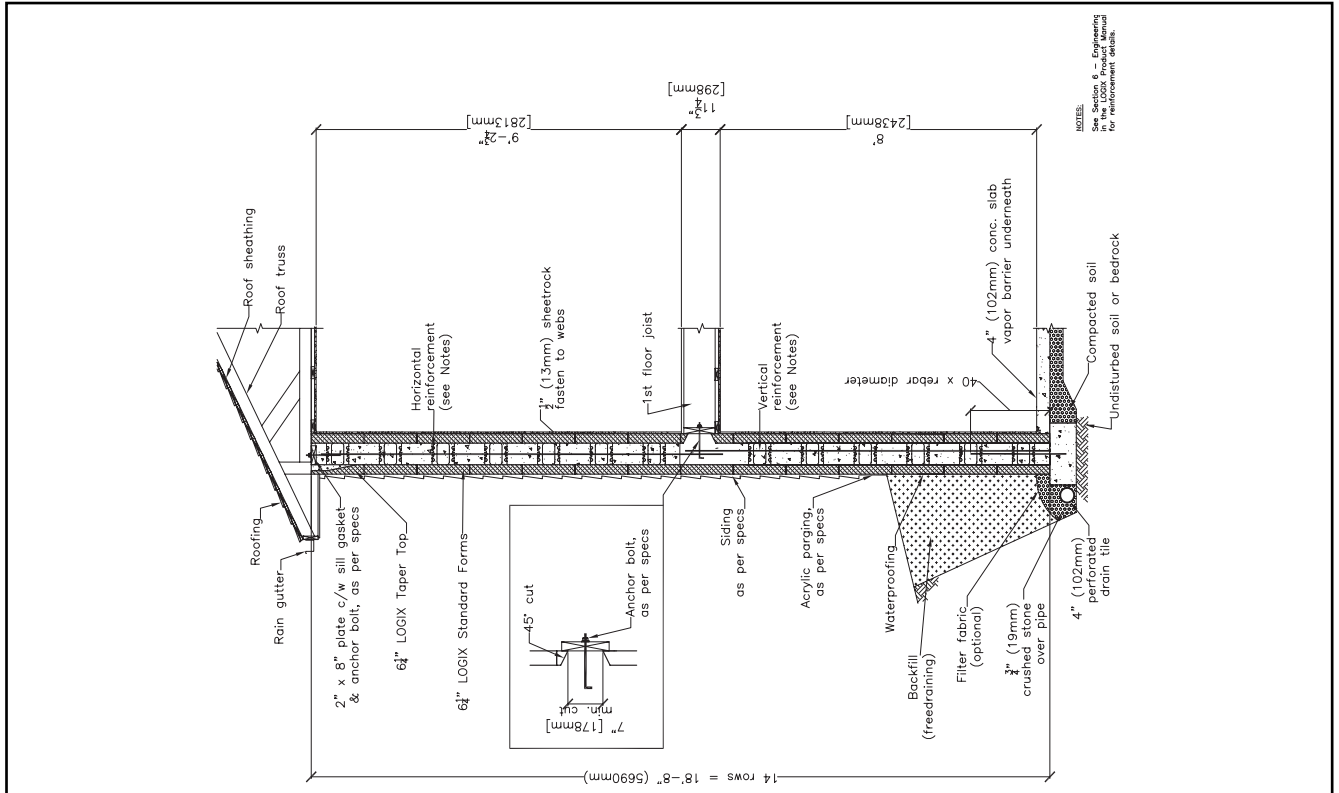
# 5.2.1.4 - 8' WALL WITH LOGIX DOUBLE TAPER 5.2.1.5 - 9' SLAB-AT-GRADE WITH SHALLOW FROST WALL

## TOP & THICKENED SLAB

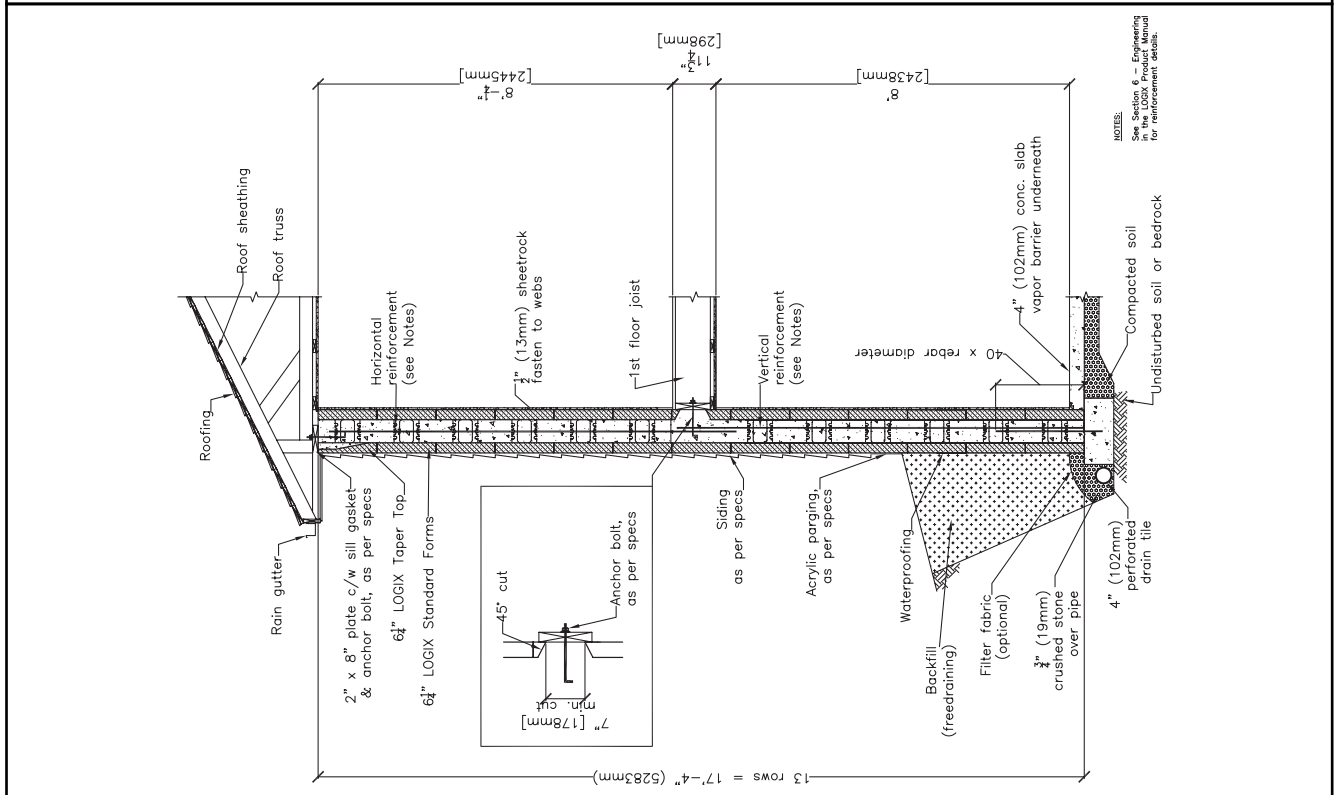


## 5.2.2 - 1 STORY PLUS BASEMENT

### 5.2.2.2 - 8' FOUNDATION / 9' MAIN FLOOR

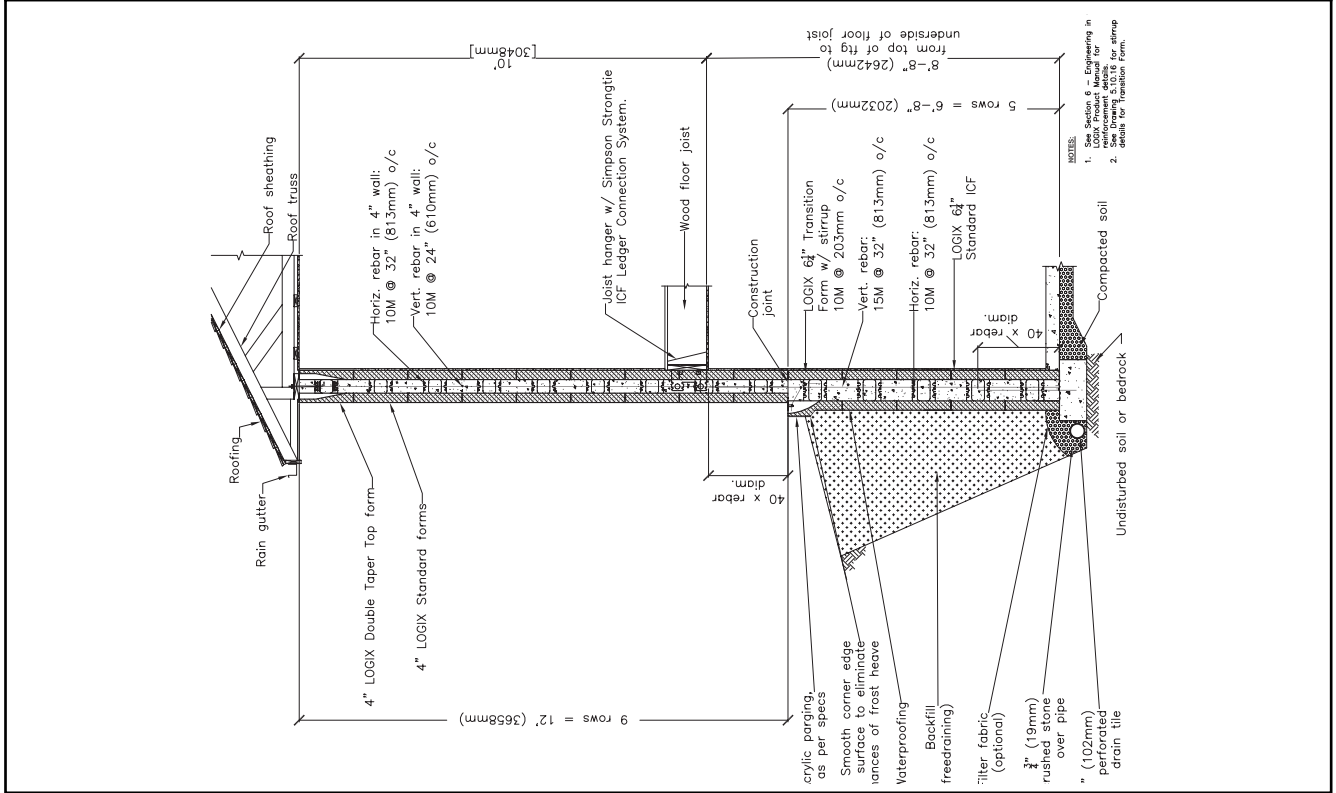


### 5.2.2.1 - 8' FOUNDATION / 8' MAIN FLOOR

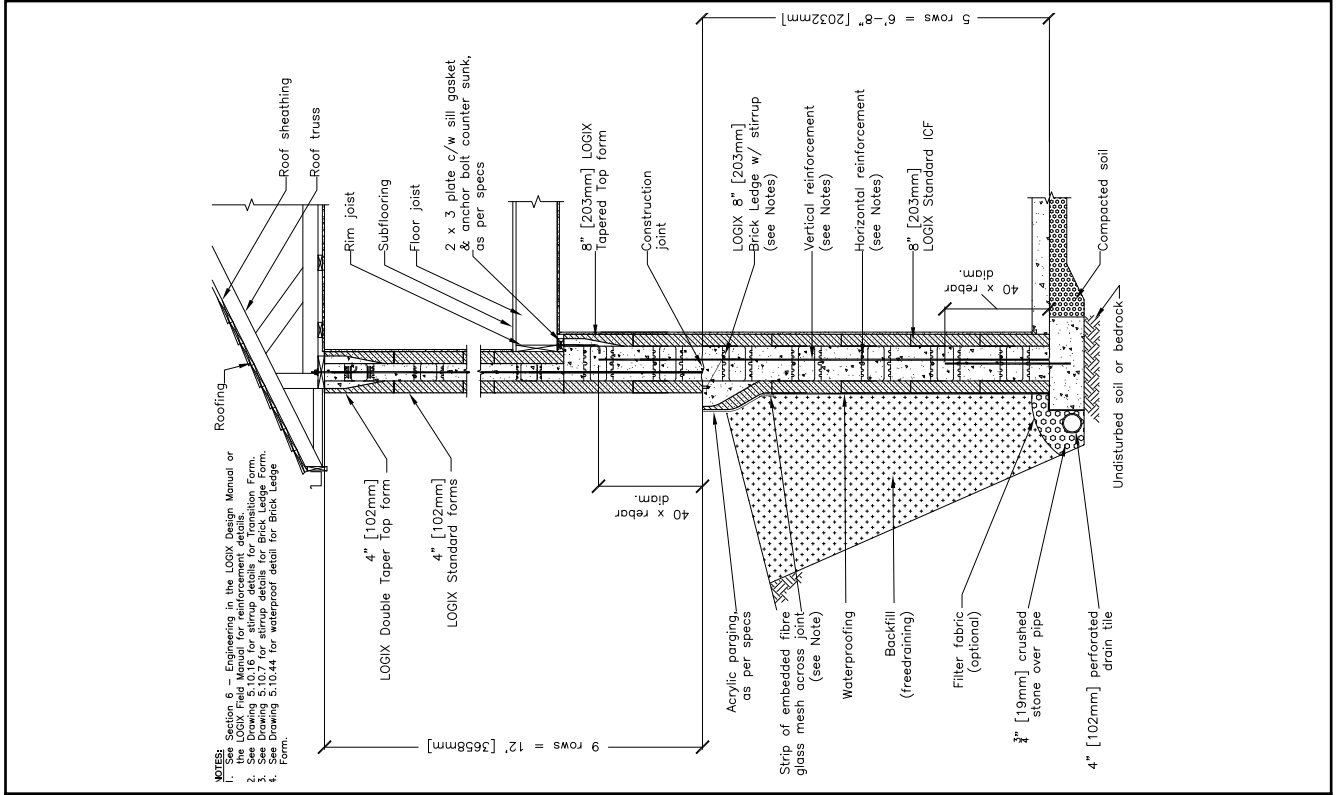


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.2.2.3 - 8'-8" FOUNDATION / 10' MAIN FLOOR



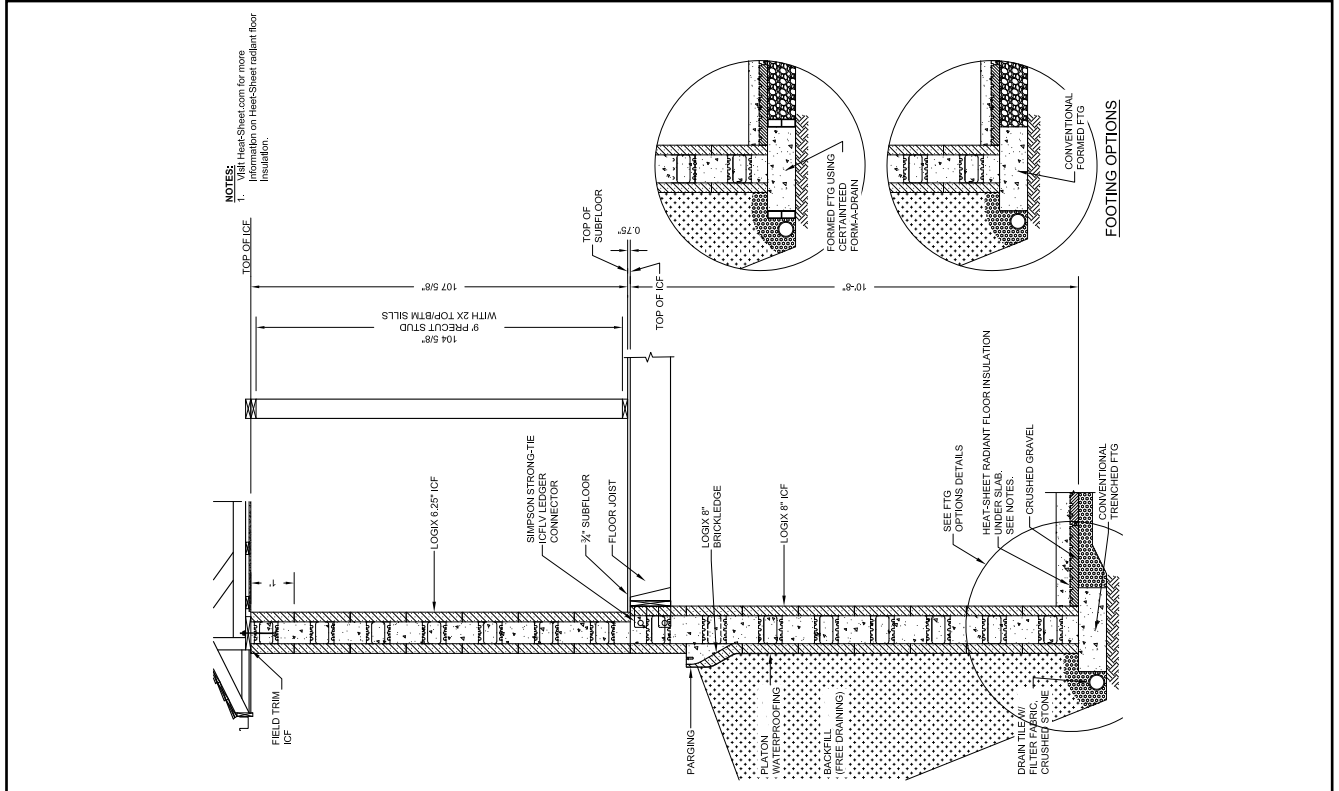
## 5.2.2.4 - 8" TO 4" LOGIX TRANSITION



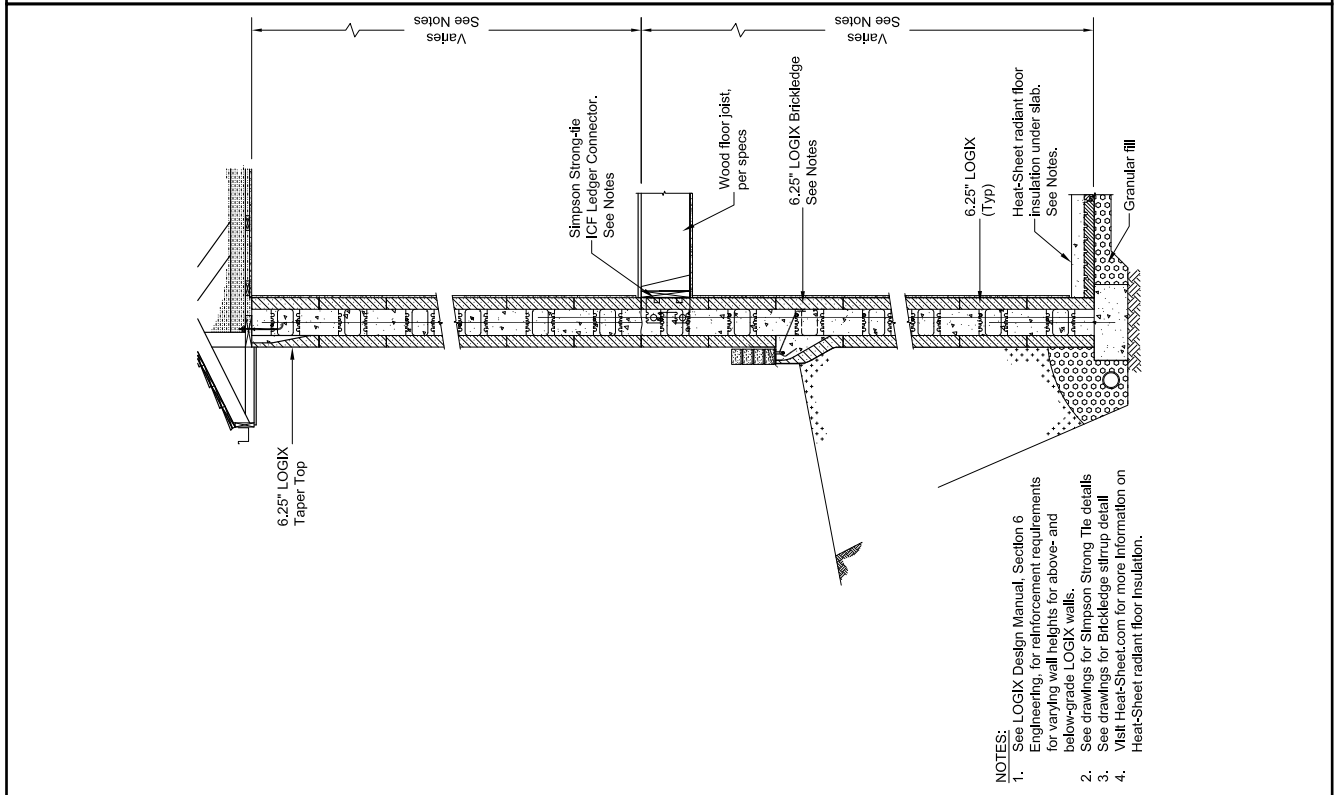
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## 5.2.2.6 - 8" TO 6.25" LOGIX TRANSITION W/ 9' PRECUT STUDS & FOOTING OPTIONS



## 5.2.2.5 - 6.25" TO 6.25" LOGIX TRANSITION



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.2.2.7 - 10" TO 6.25" LOGIX TRANSITION





## 8' TOP FLOOR

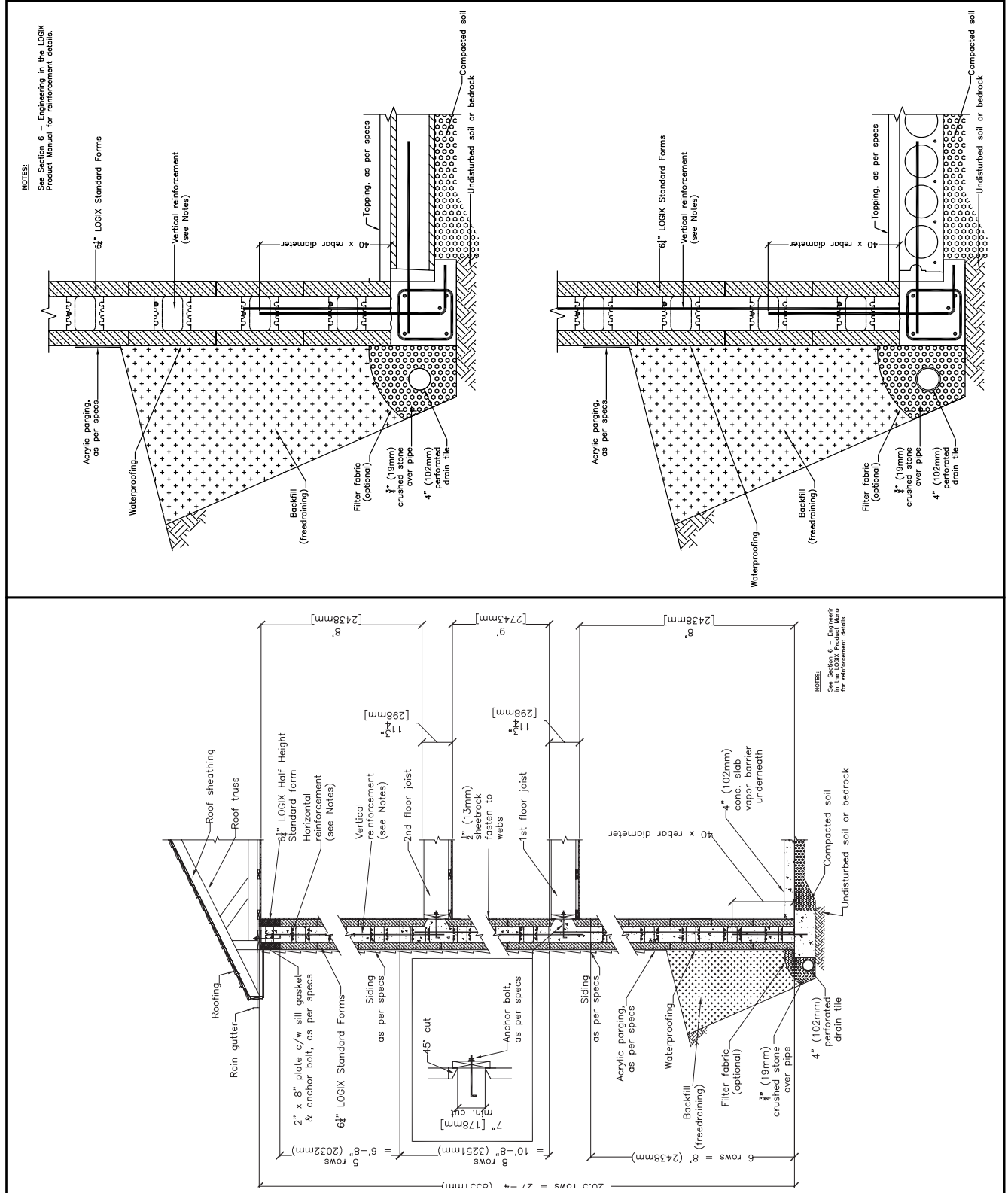


**LOGIX**<sup>®</sup>  
INSULATED CONCRETE FORMS

LogixlCF.com | 030321 | 5 - 35

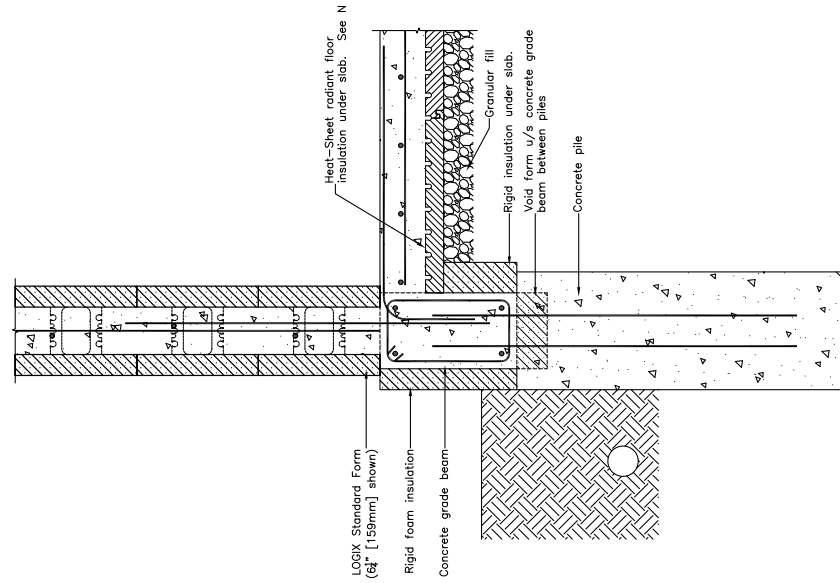
## 5.2.3.2 - 8' FOUNDATION / 9' MAIN FLOOR / 8' TOP FLOOR

### 5.3.1.1 - HOLLOW CORE SLAB

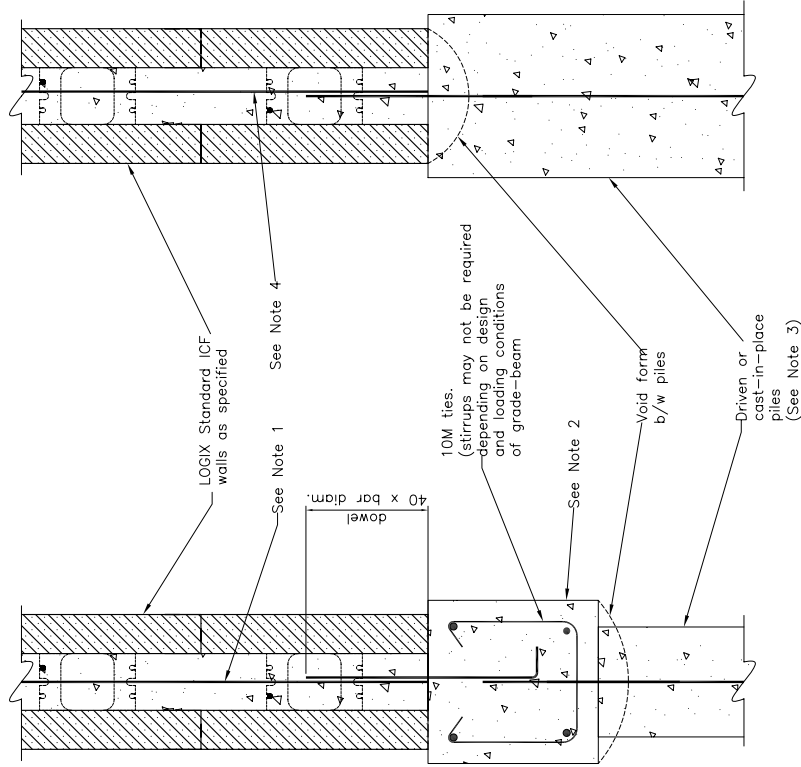


## 5.3.2.1 - PILE SUPPORTED GRADE BEAM

## 5.3.2.2 - PILE SUPPORTED GRADE BEAMS



See Section 6 - Engineering in Logix Design Manual or the Logix Field Manual for reinforcement details.  
Visit [Heat-Sheet.com](http://Heat-Sheet.com) for more information on Heat-Sheet radiant floor insulation.



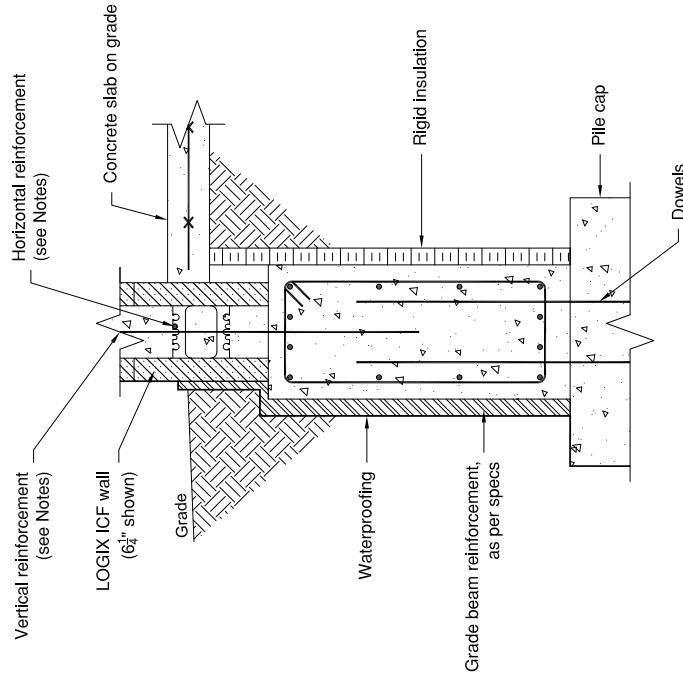
**TYPE 1**

**TYPE 2**

NOTES:  
1. Refer to Section 6 of Logix Product Manual for additional information on vertical reinforcement for above- and below-grade walls.  
2. Size and reinforcement for grade-beam to be designed as site specific.  
3. Size, spacing and reinforcing for piles to be designed as site specific.  
4. Reinforcing in wall to be designed as site specific.

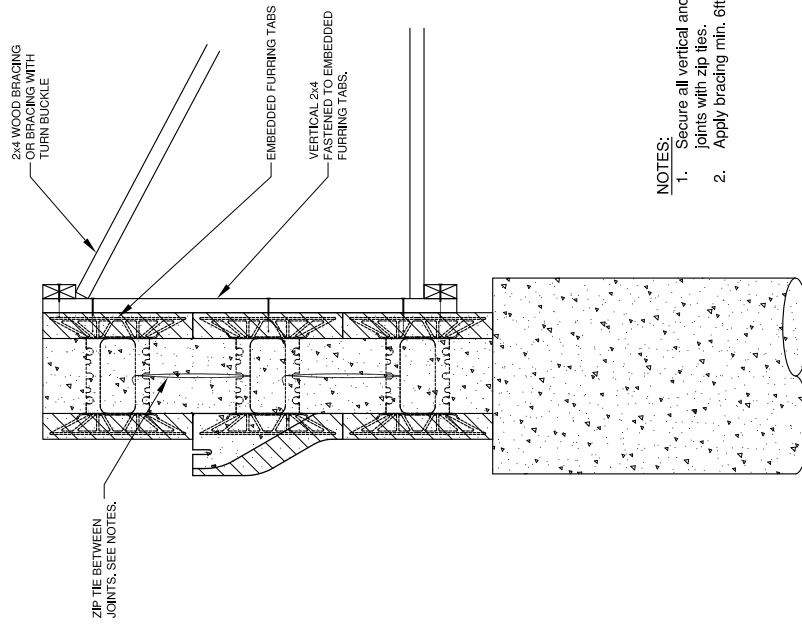
### 5.3.2.3 - DEEP GRADE BEAM ON PILE CAP

### 5.3.2.4 - GRADE BEAM BRACING



**NOTES:**

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

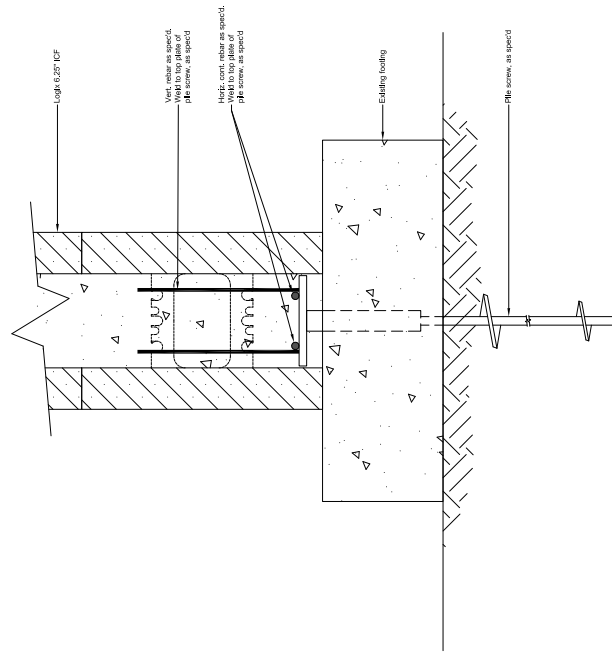


**NOTES:**

1. Secure all vertical and horizontal joints with zip ties.
2. Apply bracing min. 6ft o/c.

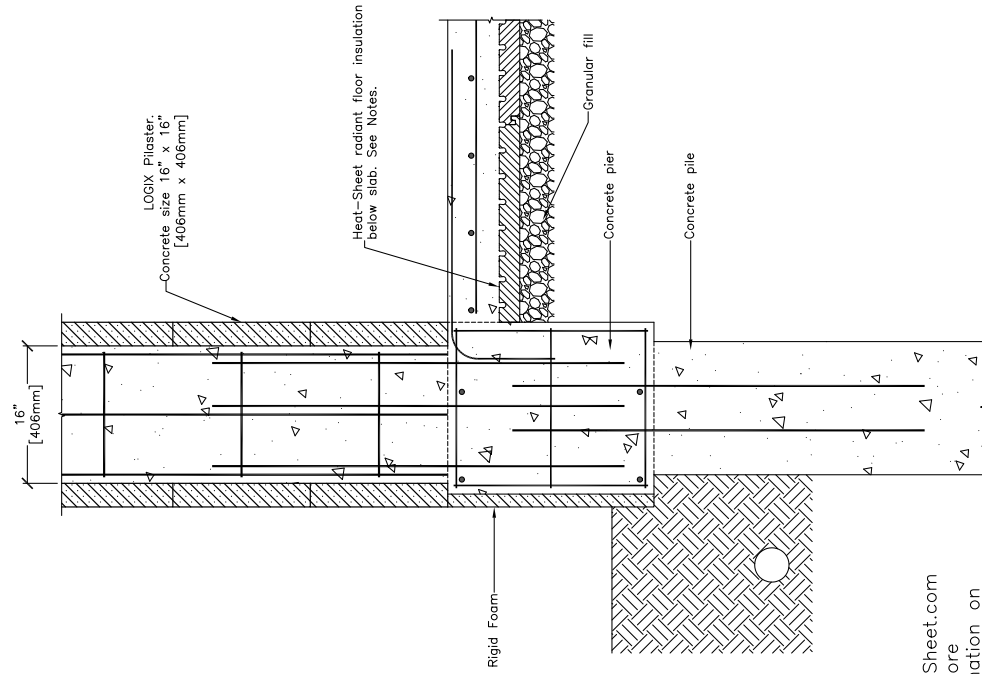
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.3.2.2.5 - SCREW PILES



FOOTING DETAIL  
SCREW PILE CONNECTION TO ICF

### 5.3.2.2.6 - LOGIX PILASTER ON CONCRETE PIER

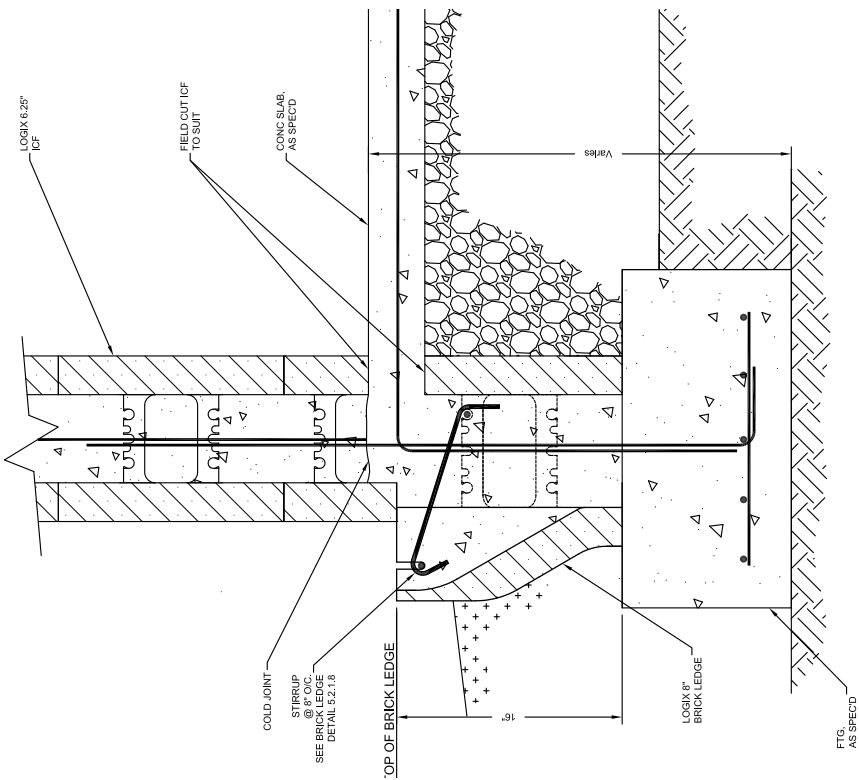


#### NOTES:

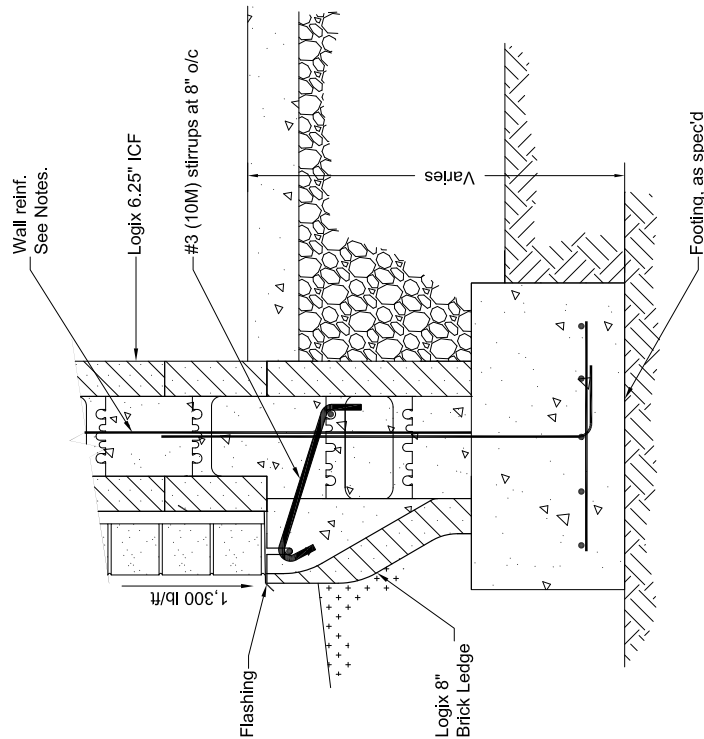
1. Visit [Heat-Sheet.com](http://Heat-Sheet.com) for more information on Heat-Sheet.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.3.3.2 - LOGIX BRICK LEDGE ON FOOTING WITH INTEGRAL SLAB



5.3.3.1 - LOGIX BRICK LEDGE ON FOOTING



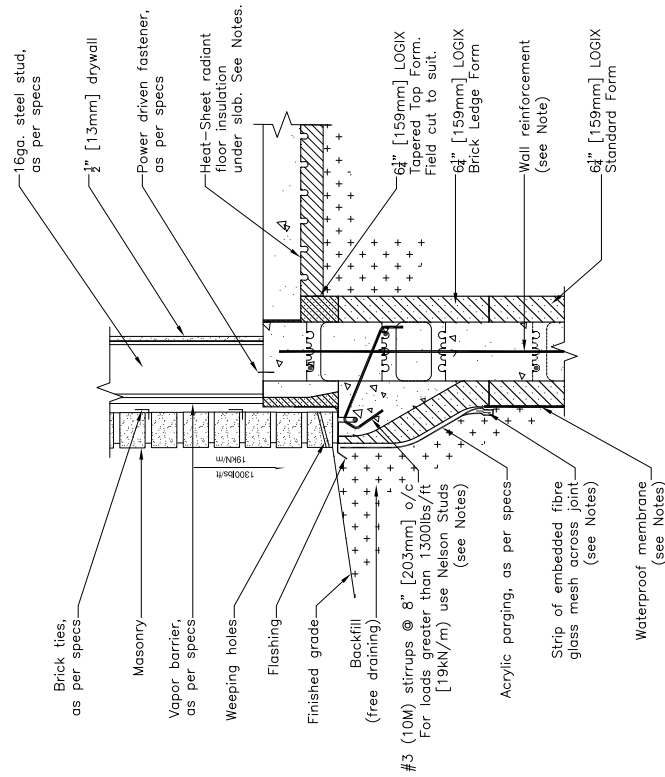
NOTES:

See Section 6 - Engineering in the LOGIX Product Manual for reinforcement details.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



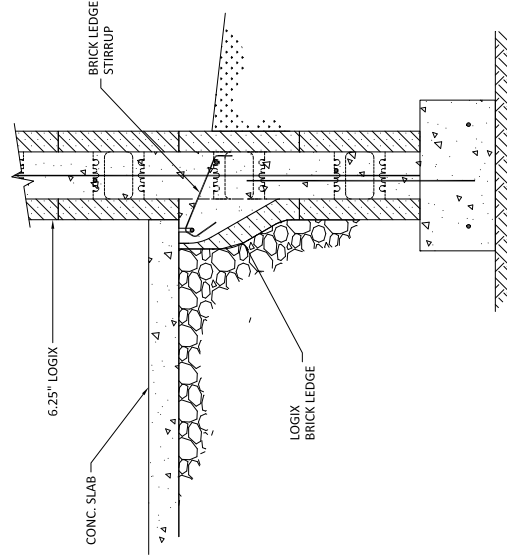
### 5.3.3.3 - SLAB-ON-GRADE WITH BRICK LEDGE & MODIFIED LOGIX TAPER TOP



#### NOTES:

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
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.

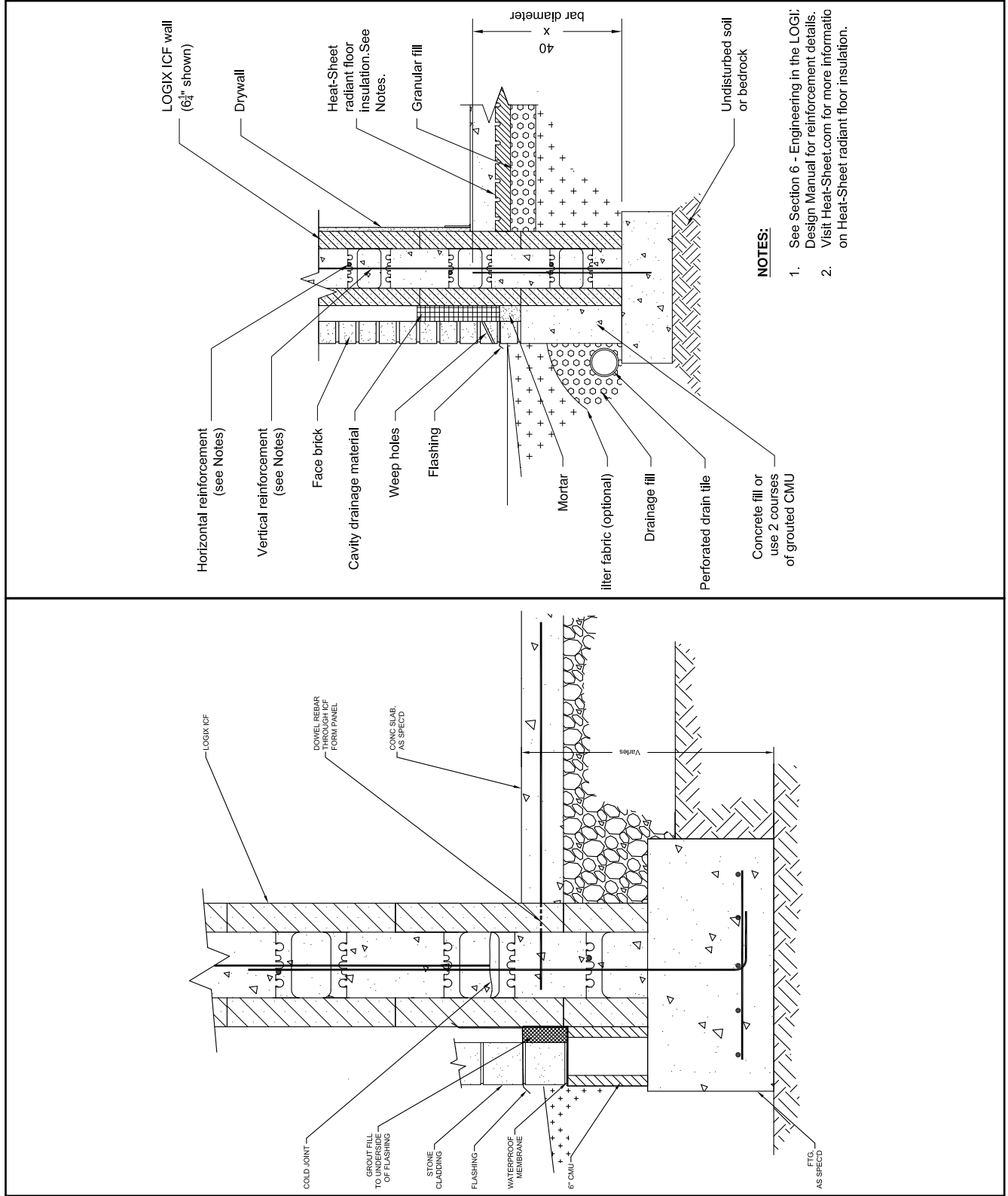
### 5.3.3.4 - BRICK LEDGE SUPPORTING SLAB-AT- GRADE



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.3.3.5 - CMU BRICK LEDGE ON FOOTING

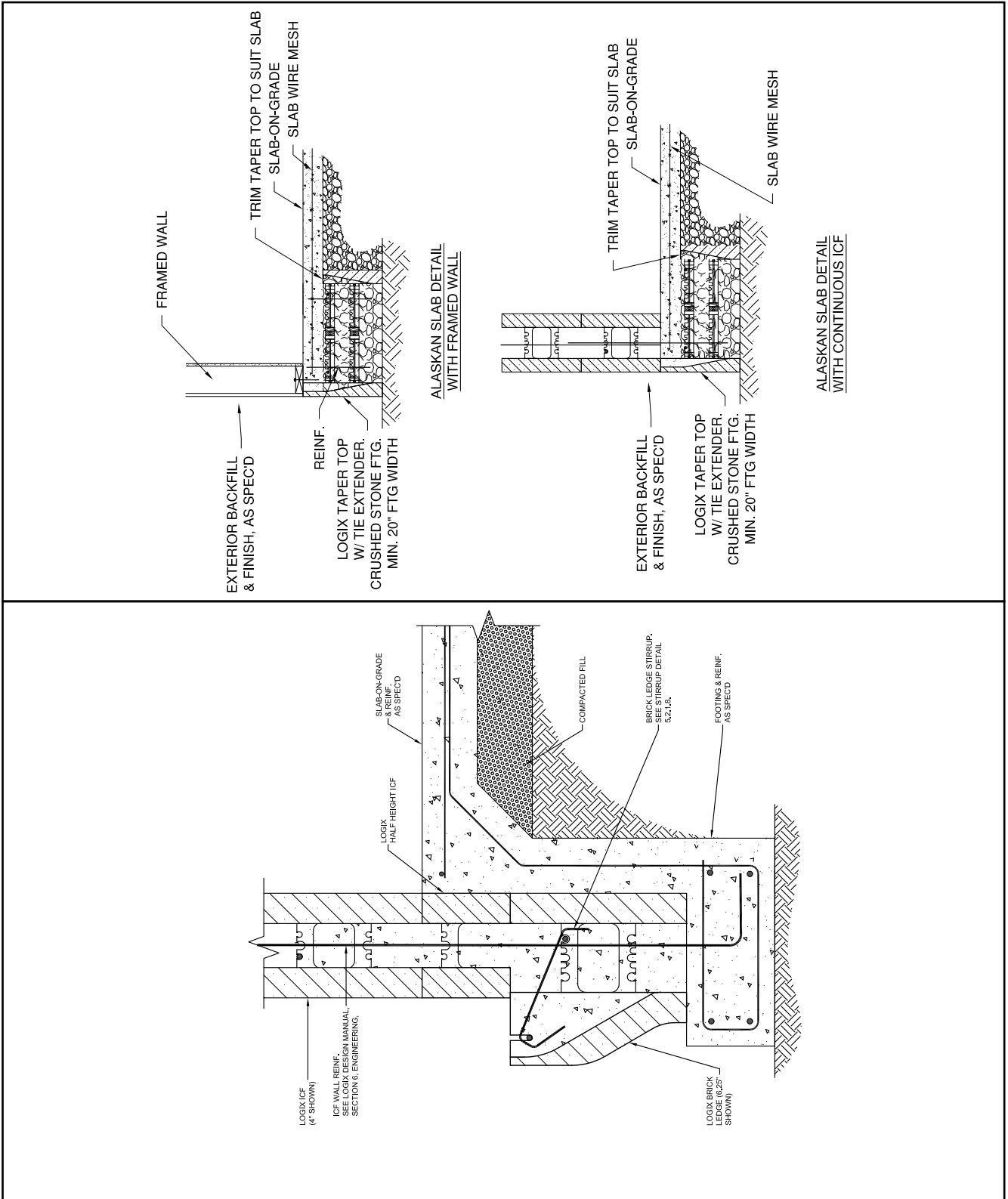
### 5.3.3.6 - BRICK VENEER ON CONCRETE FILL



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

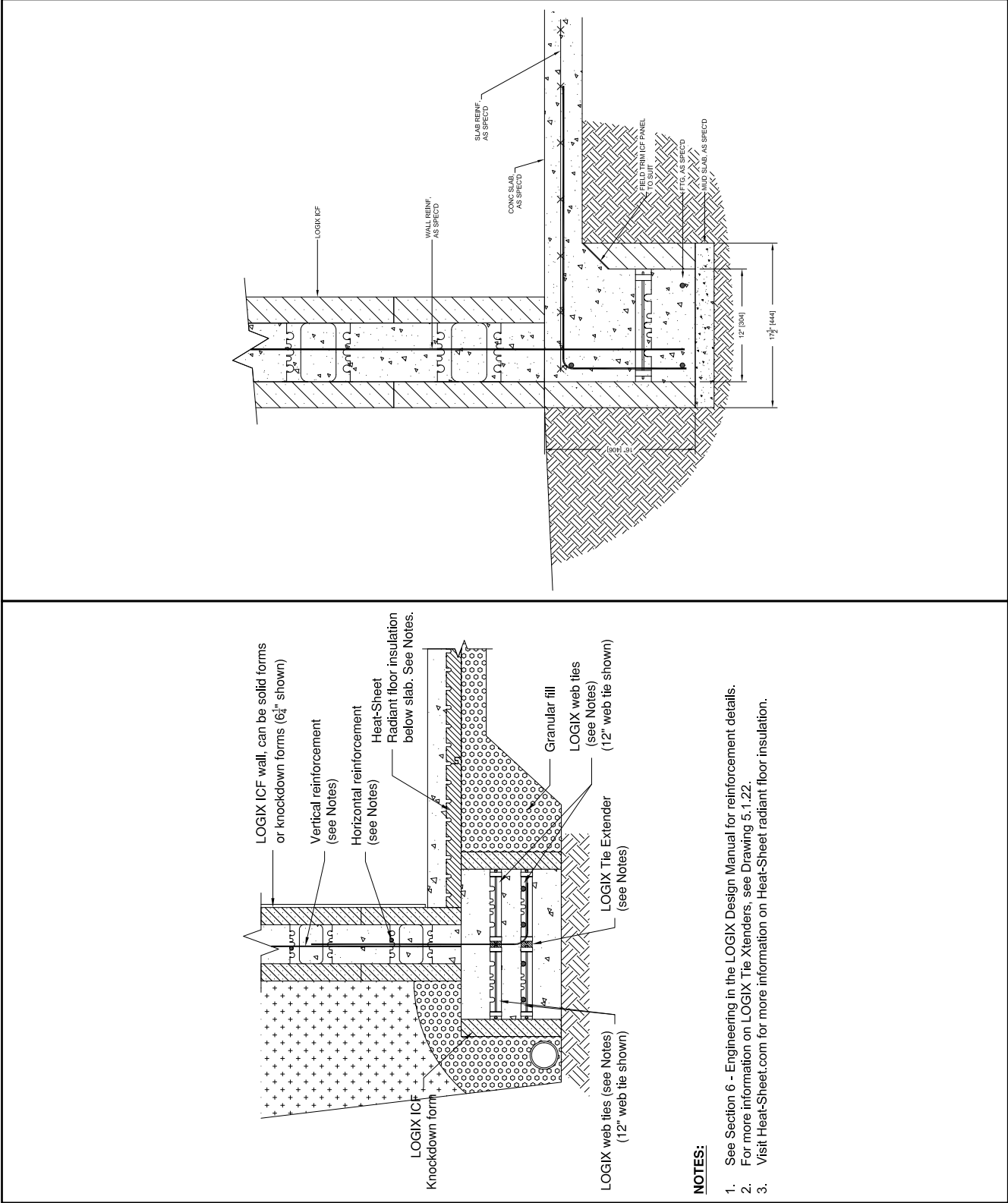
## 5.3.4 - FOOTINGS FORMED WITH LOGIX

### 5.3.3.7 - THICKENED SLAB INTEGRATED WITH LOGIX BRICK LEDGE 5.3.4.1 - ALASKAN SLAB WITH LOGIX TIE XTENDER



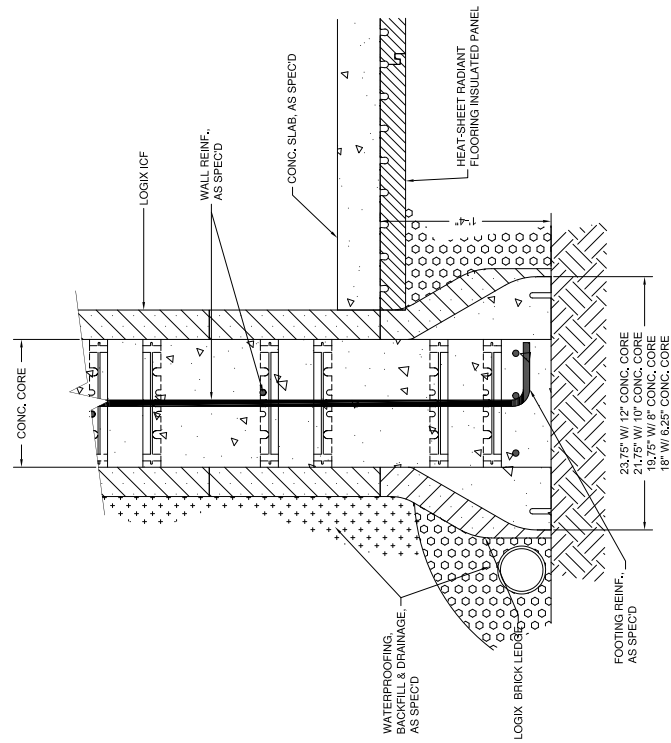
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.3.4.2 - FOOTING FORMED WITH LOGIX TIE XTENDER WITH INTEGRAL SLAB

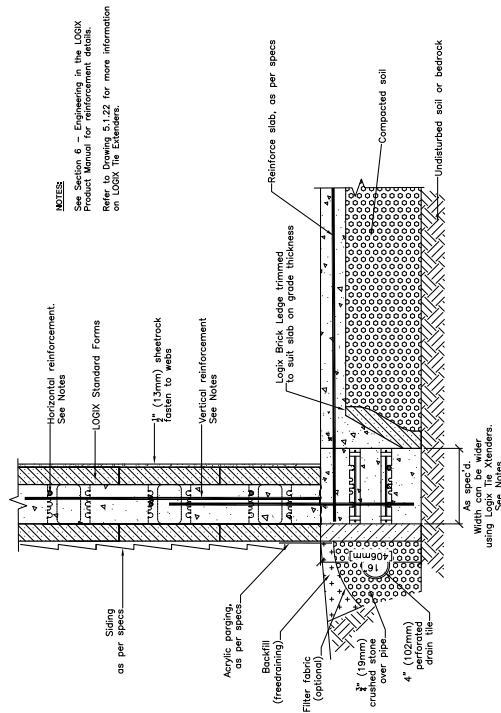


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.3.4.4 - FOOTING FORMED WITH LOGIX BRICK LEDGE



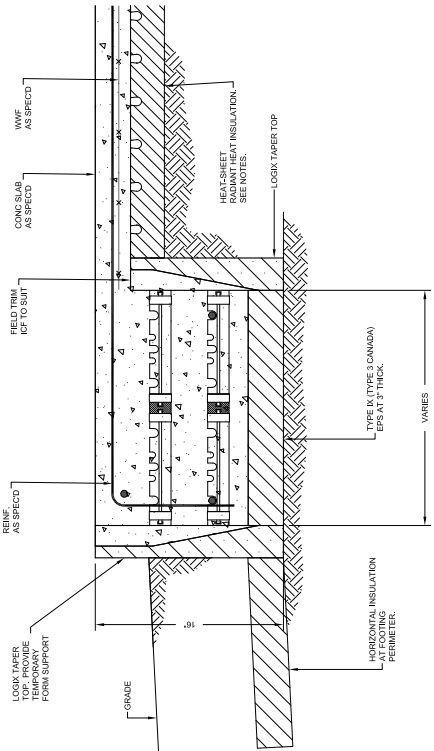
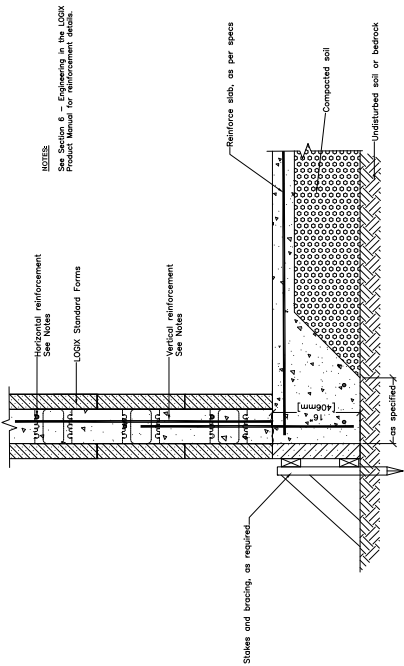
### 5.3.4.5 - THICKENED SLAB FORMED WITH LOGIX BRICK LEDGE



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.3.4.6 - THICKENED SLAB FORMED WITH LOGIX ON ONE SIDE

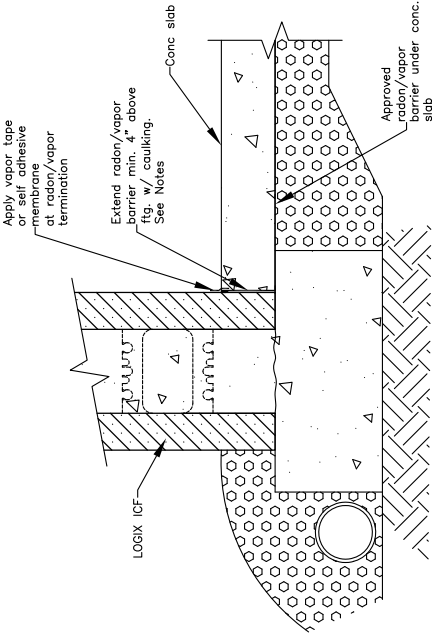
5.3.4.7 - SHALLOW FROST PROTECTED FOOTING



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.3.5 - RADON

5.3.5.1 - RADON BARRIER DETAIL



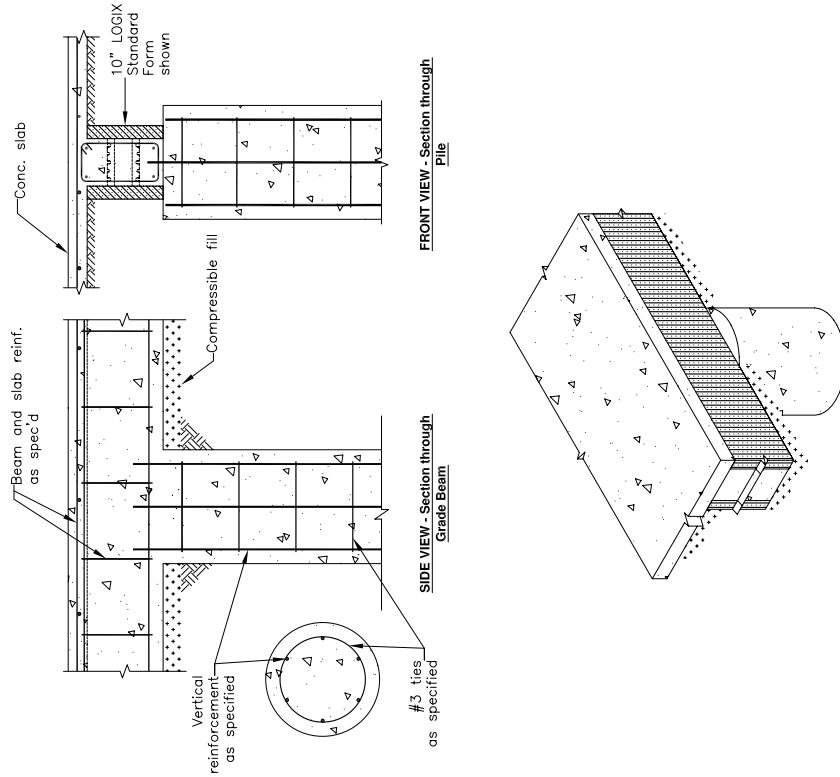
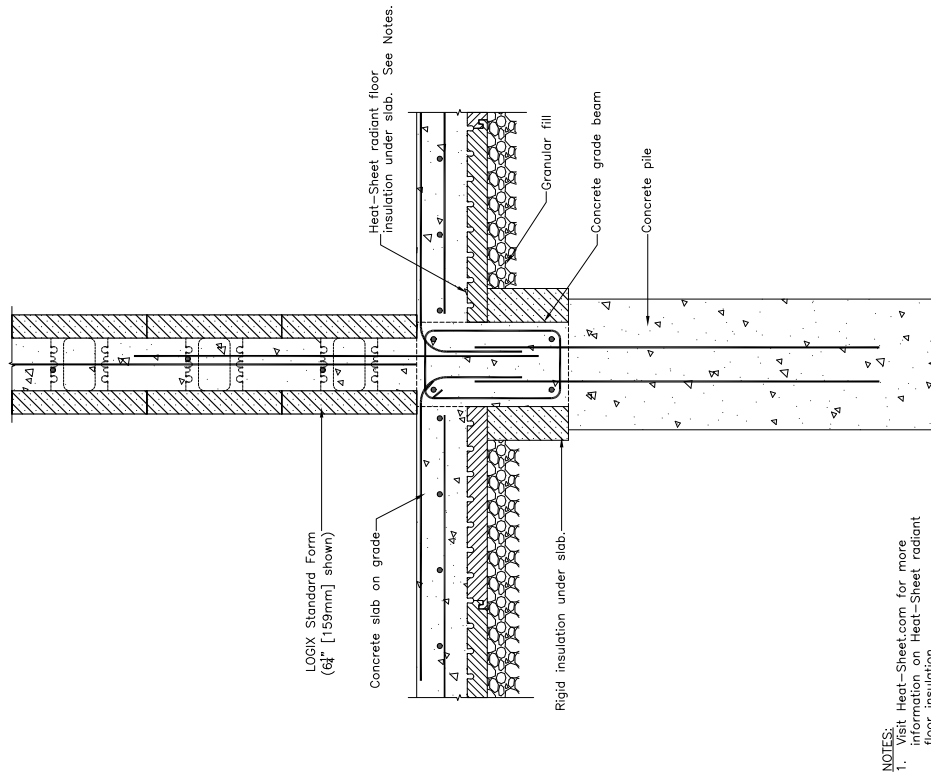
NOTES:  
• Apply caulking to seal vertical joints between ICF forms up to radon/vapor termination.  
• Consult local officials for additional required radon mitigation measures.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## 5.4.1.1 - INTERIOR WALL ON PILE SUPPORTED GRADE BEAM

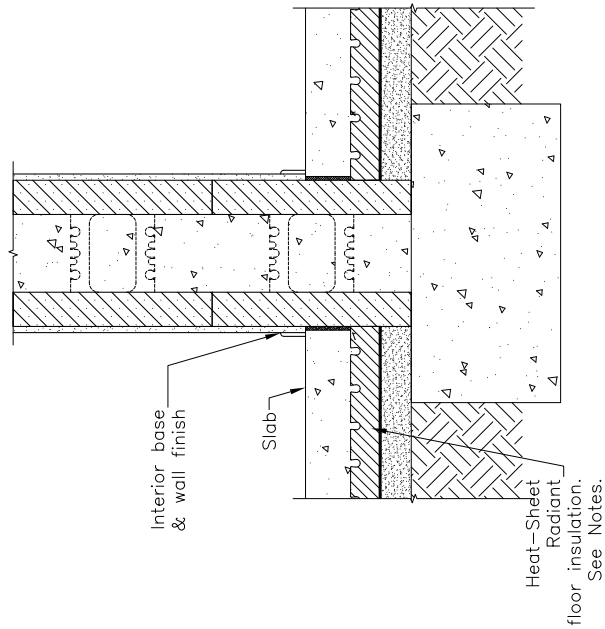
### 5.4.1.2 - LOGIX GRADE BEAM



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.4.2 - SHALLOW FOOTINGS

### 5.4.2.1 - ICF BASE AT INTERIOR WALL



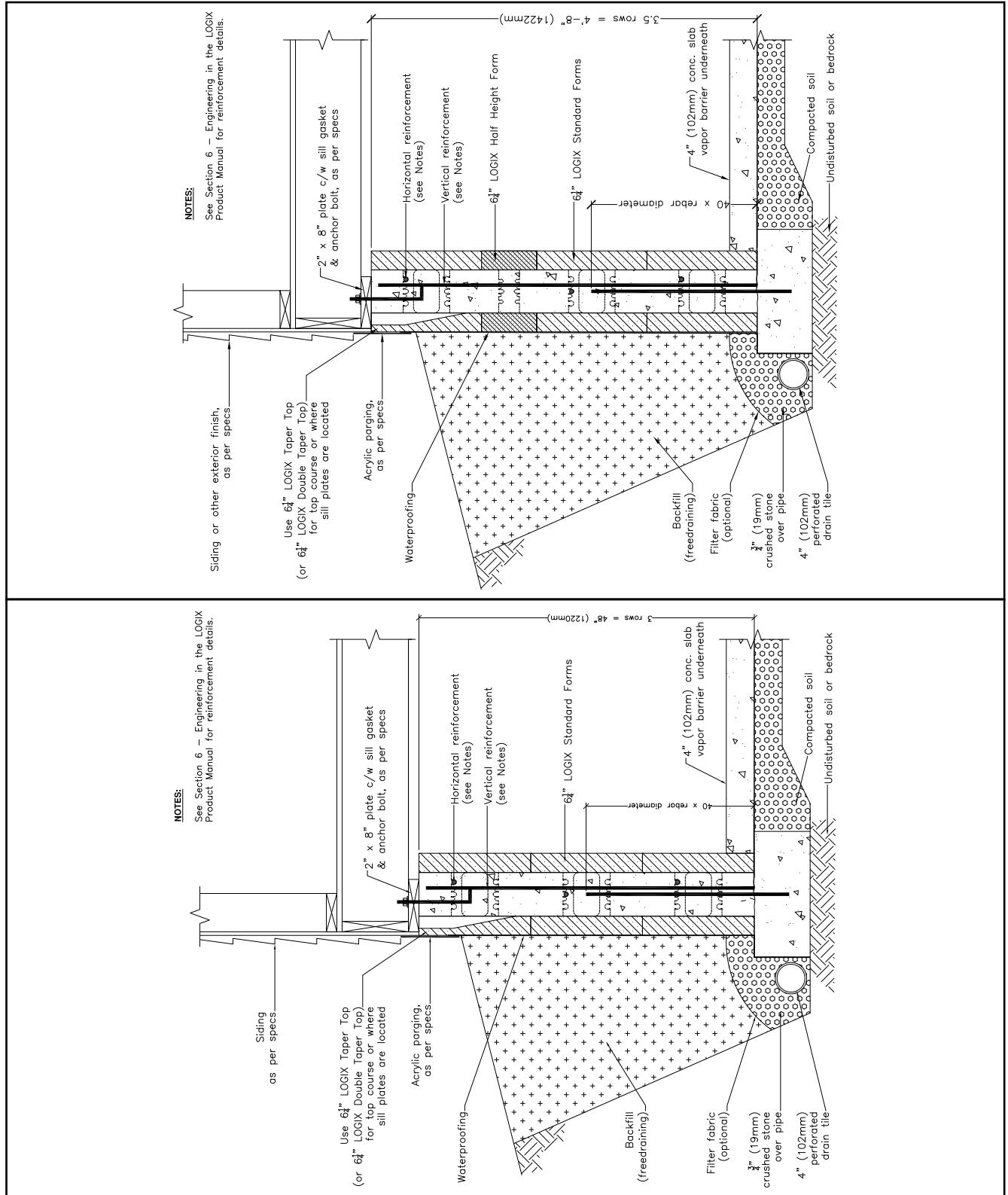
#### NOTES:

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
2. Visit [Heat-Sheet.com](http://Heat-Sheet.com) for information on Heat-Sheet.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.5.1.1 - 4' CRAWL SPACE

## 5.5.1.2 - 4'-8" CRAWL SPACE

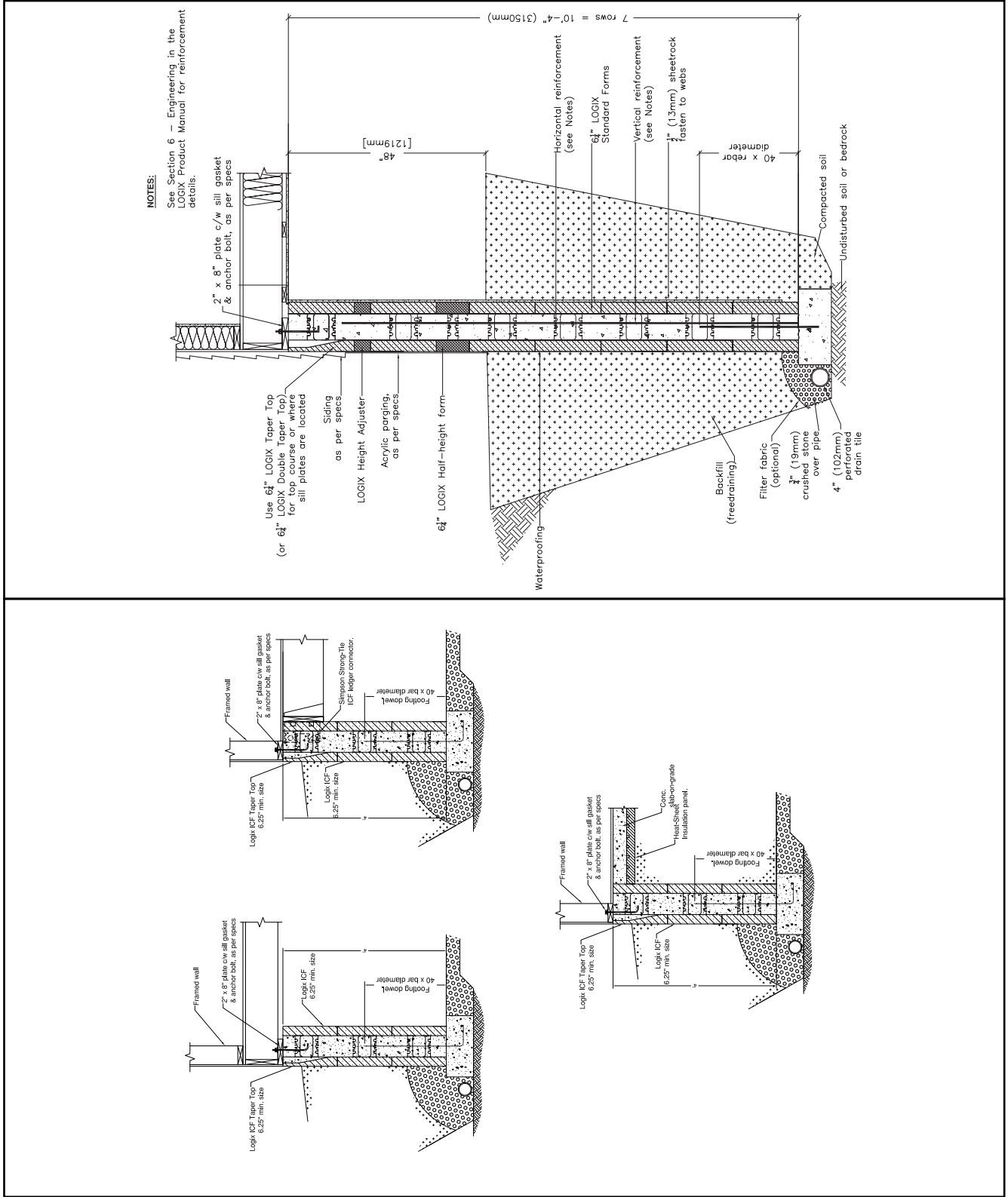


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



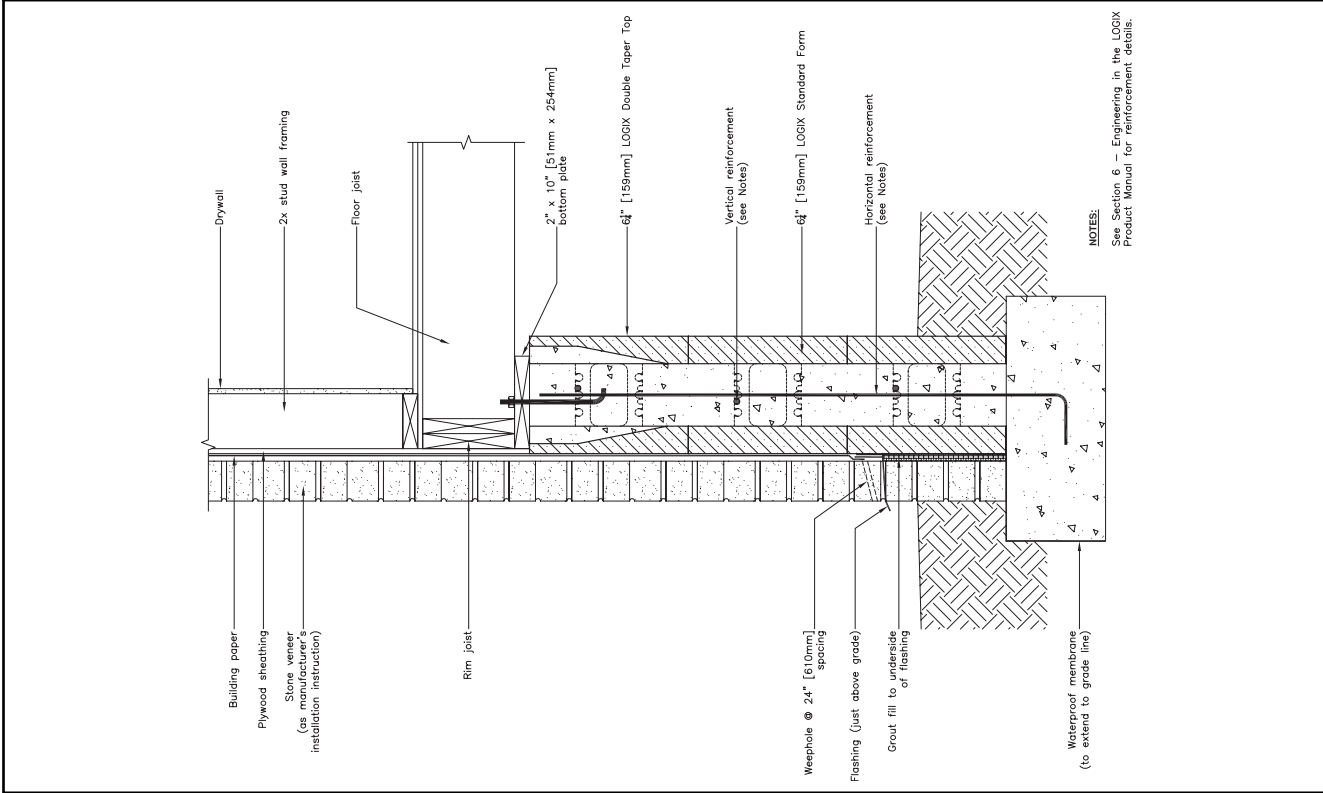
## 5.5.1.5 - 4' CRAWL SPACES WITH LOGIX 6.25"

## 5.5.1.6 - 10'-4" FOUNDATION WITH 4' CRAWL SPACE

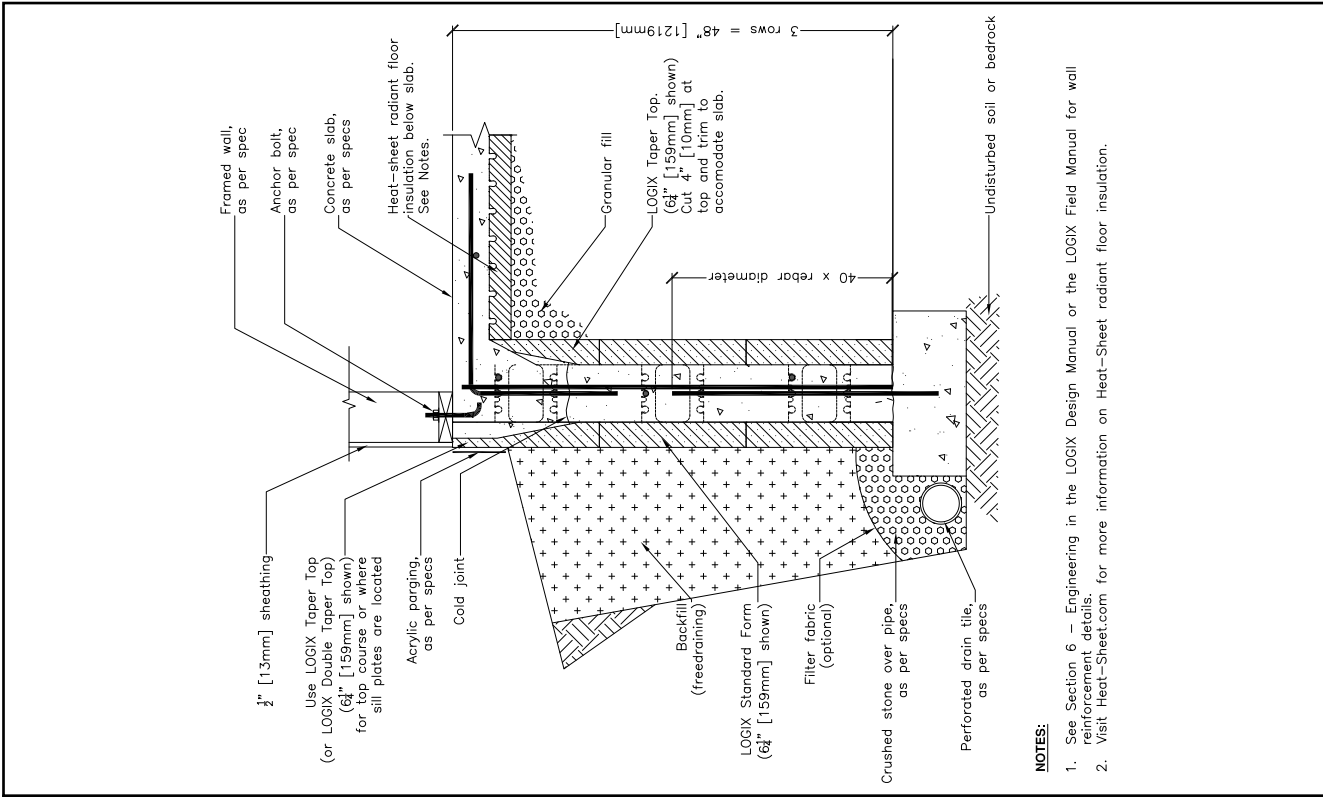


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

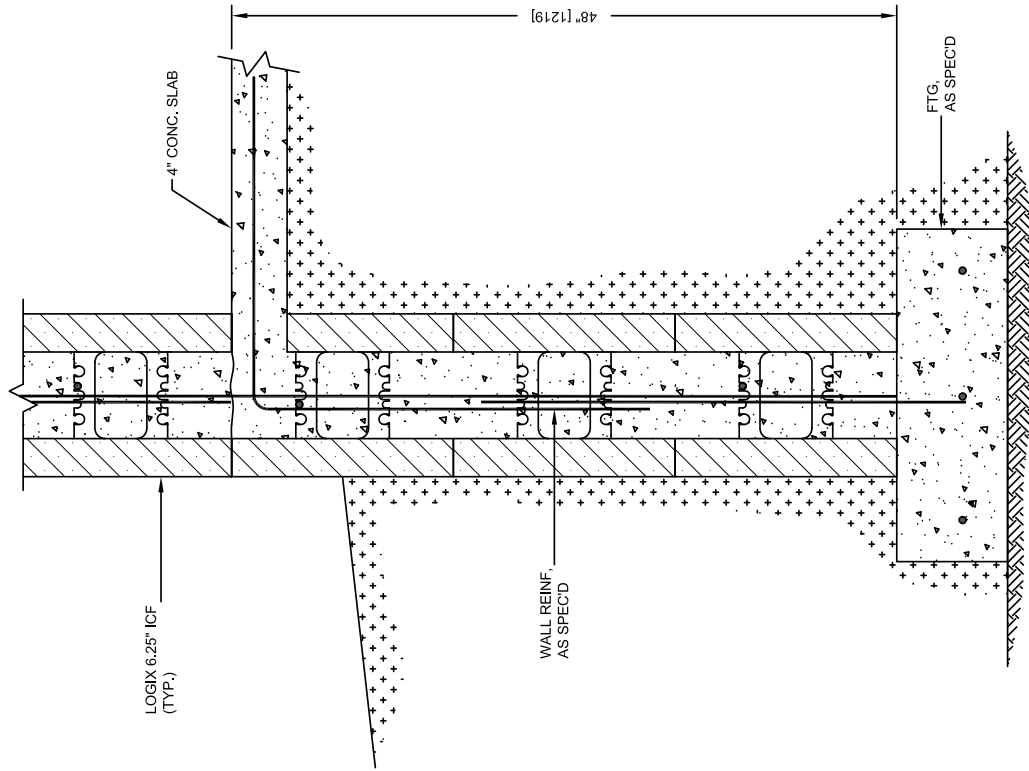
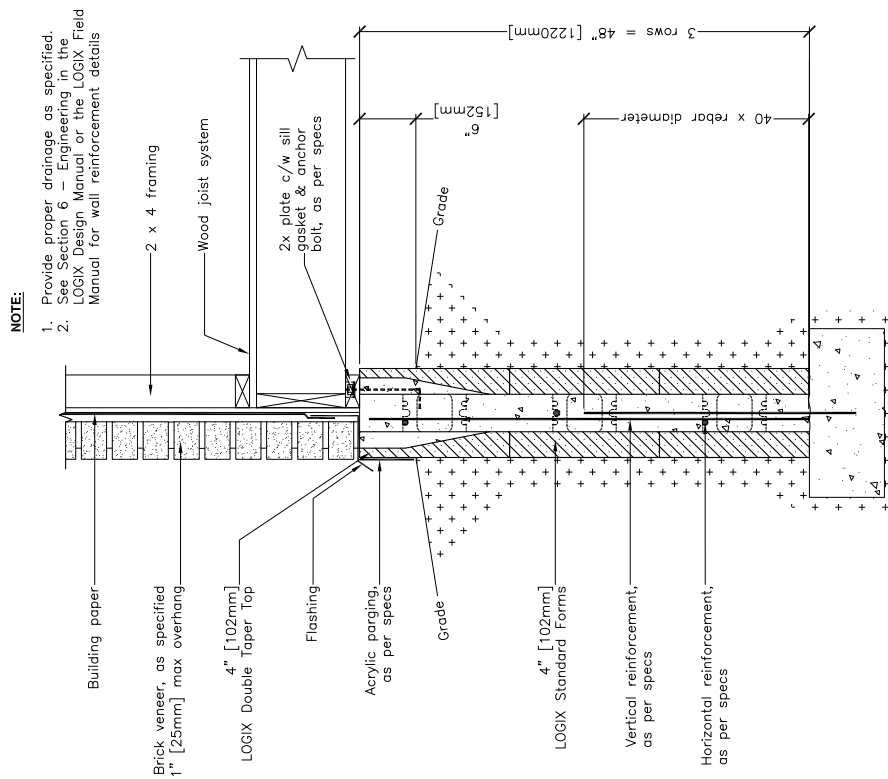
## 5.5.1.7 - CRAWL SPACE WITH BRICK VENEER AND FRAMING



## 5.5.2.1 - 4' FROST WALL



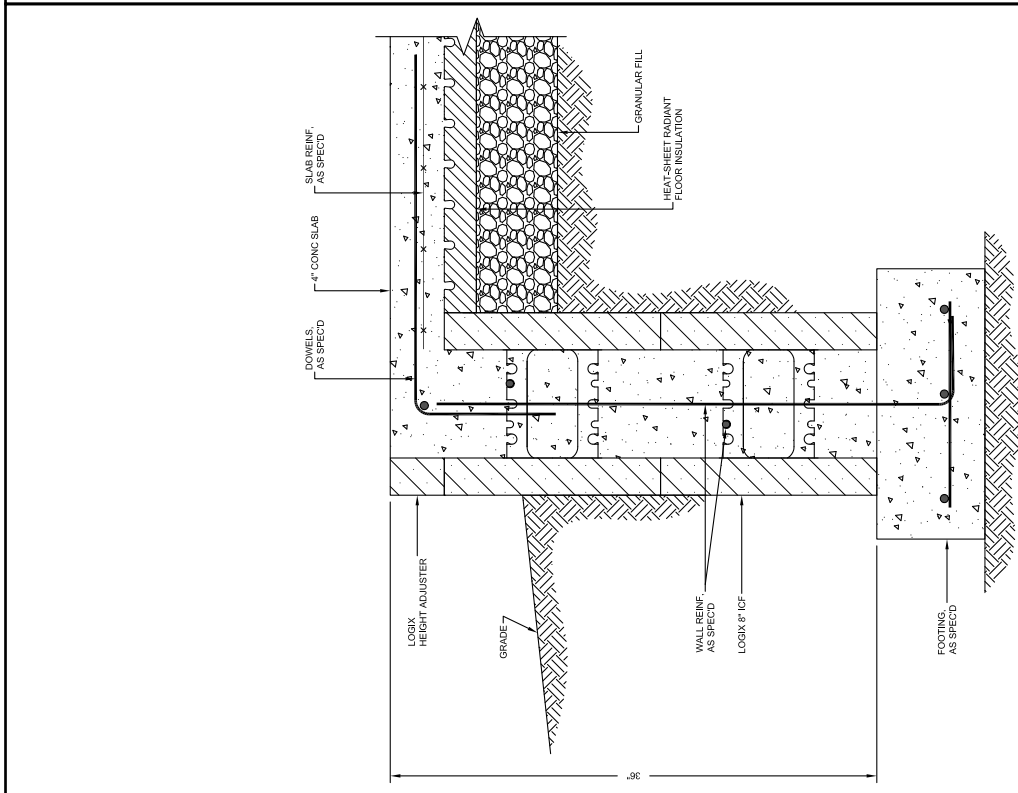
### 5.5.2.3 - 4' FROST WALL WITH 6.25" TO 6.25" LOGIX TRANSITION



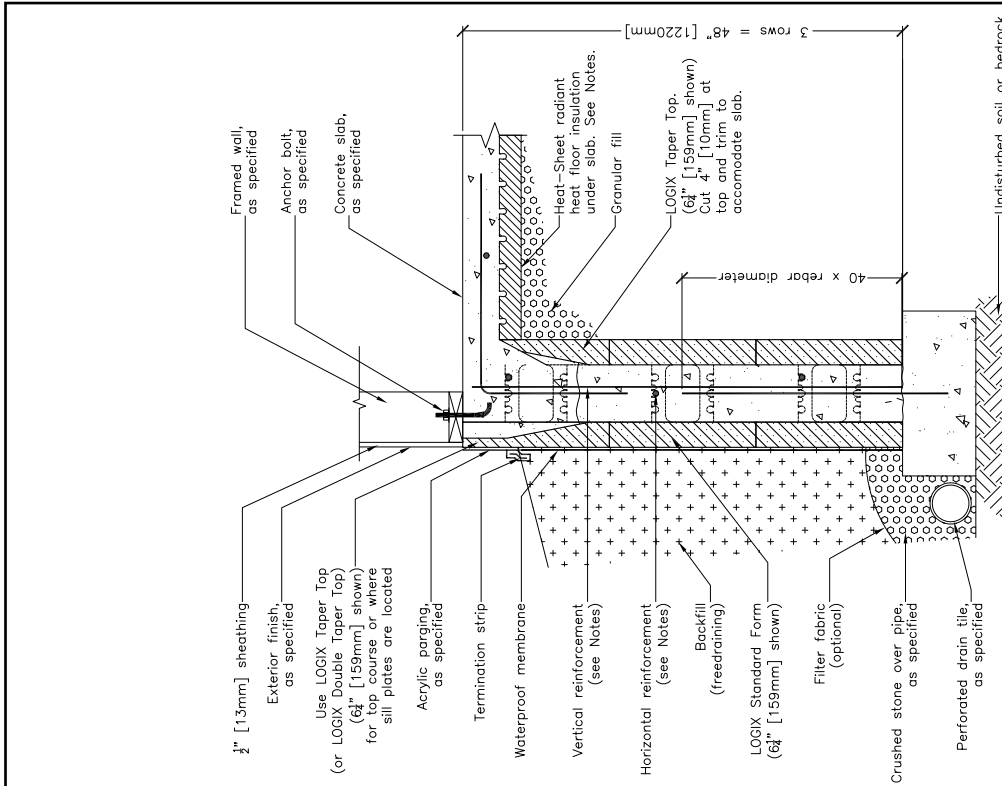
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## 5.5.2.4 - 3' FROST WALL WITH INTEGRAL SLAB



## 5.5.2.5 - 3' 4' FROST WALL WITH INTEGRAL SLAB & FRAMING



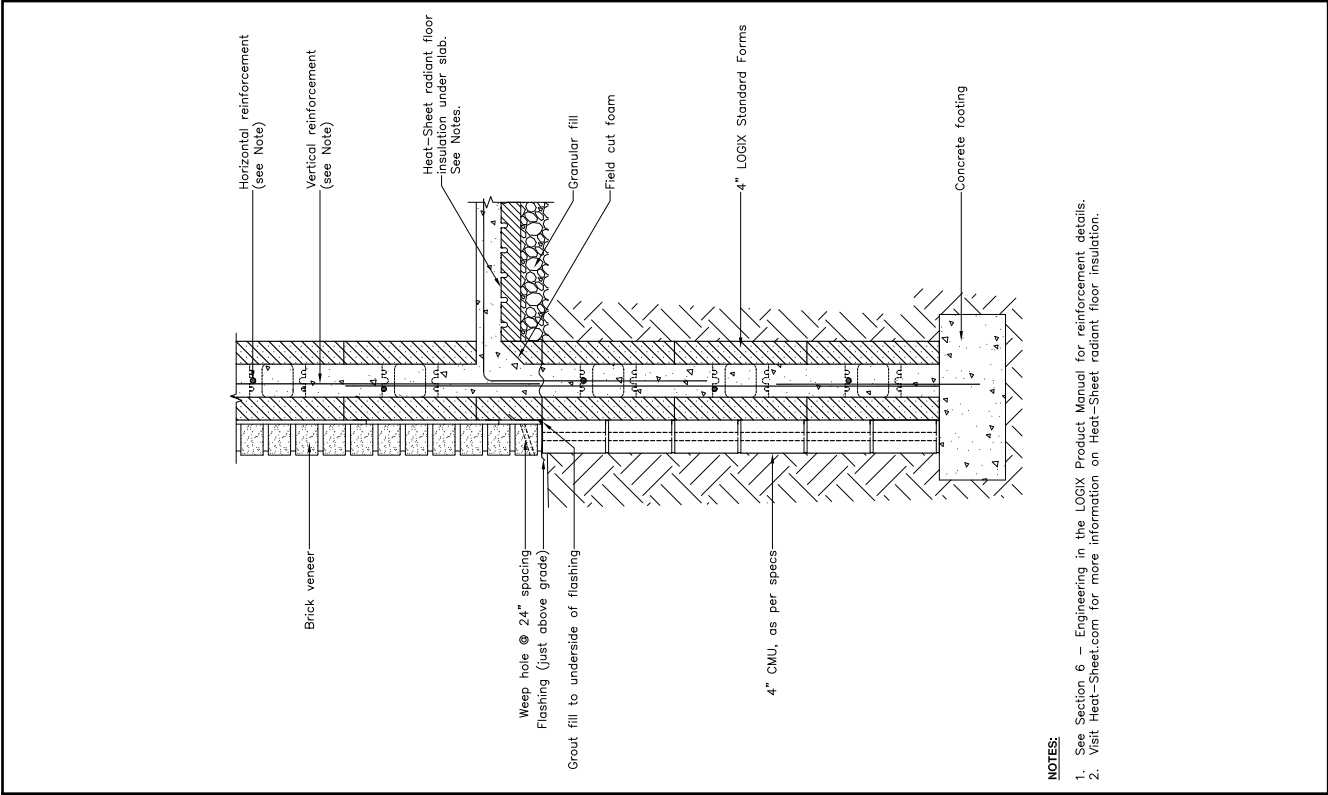
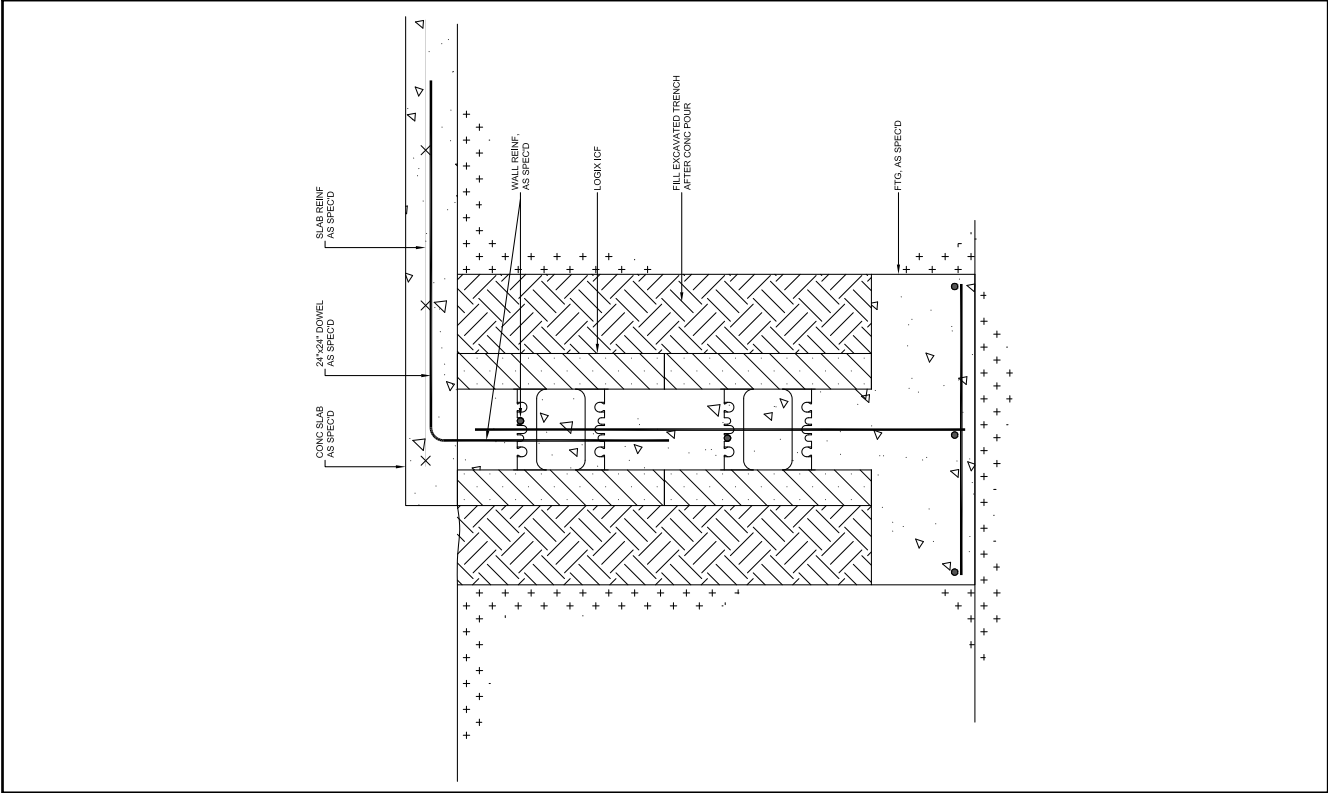
### NOTES:

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for wall reinforcement details.
2. Visit [Heat-Sheet.com](http://Heat-Sheet.com) for more information on Heat-Sheet radiant heat floor insulation.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.5.2.6 - TRENCHED STEM WALL

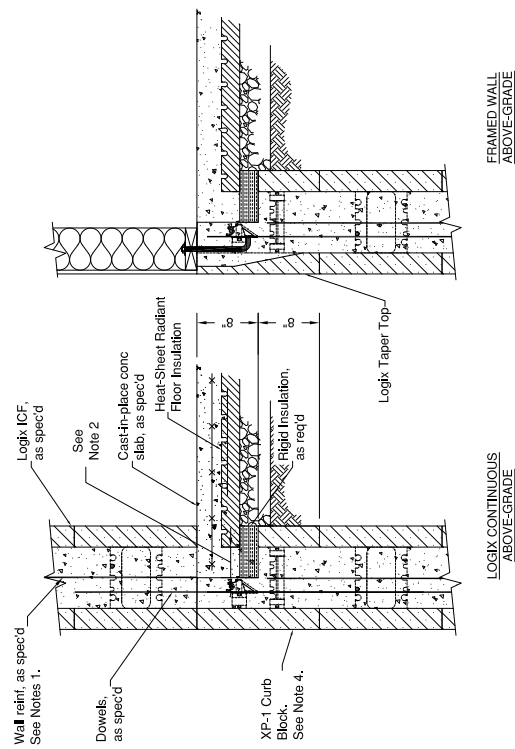
### 5.5.2.7 - FROST WALL WITH CMU BRICK LEDGE



NOTES:  
1. See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.  
2. Visit [Heat-Sheet.com](http://Heat-Sheet.com) for more information on Heat-Sheet radiant floor insulation.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

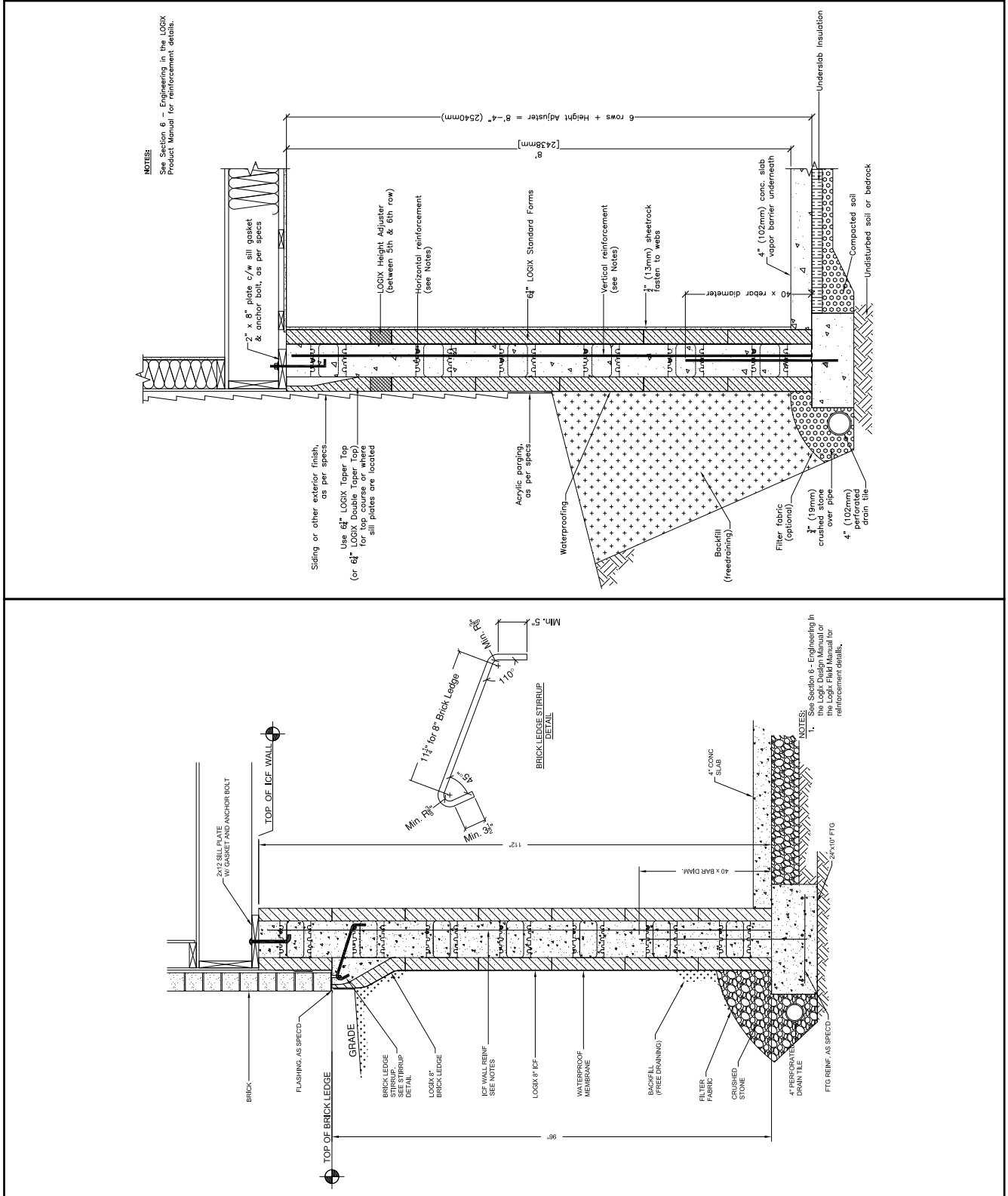
## 5.5.2.8 - CAST-IN-PLACE SLAB WITH XP-1 CURB BLOCK



NOTES:  
 1. For wall reinforcement refer to the Logix Design Manual, Section 6 Engineering.  
 2. Bearing length varies based on Logix ICF wall thickness. Refer to Wall Chart table in Drawing 5.18.1, XP-1 Curb Block with Coped Edge.  
 3. For floor reinforcement refer to the Logix Design Manual, Section 6 Engineering.  
 4. Visit [Heat-Sheet.com](http://Heat-Sheet.com) for more information on Heat-Sheet radiant floor insulation.

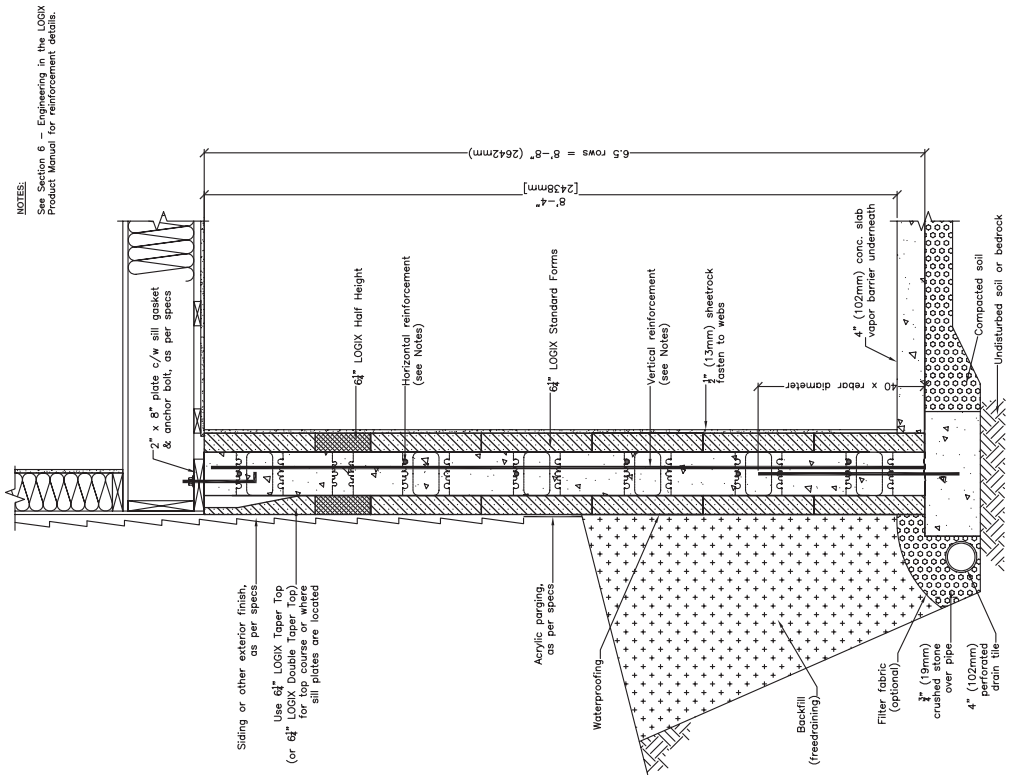
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.5.3.1 - 7' 8' FOUNDATION WITH LOGIX 8" & 5.5.3.2 - 8'-4" FOUNDATION WITH LOGIX BRICK LEDGE TAPER TOP & HEIGHT ADJUSTER

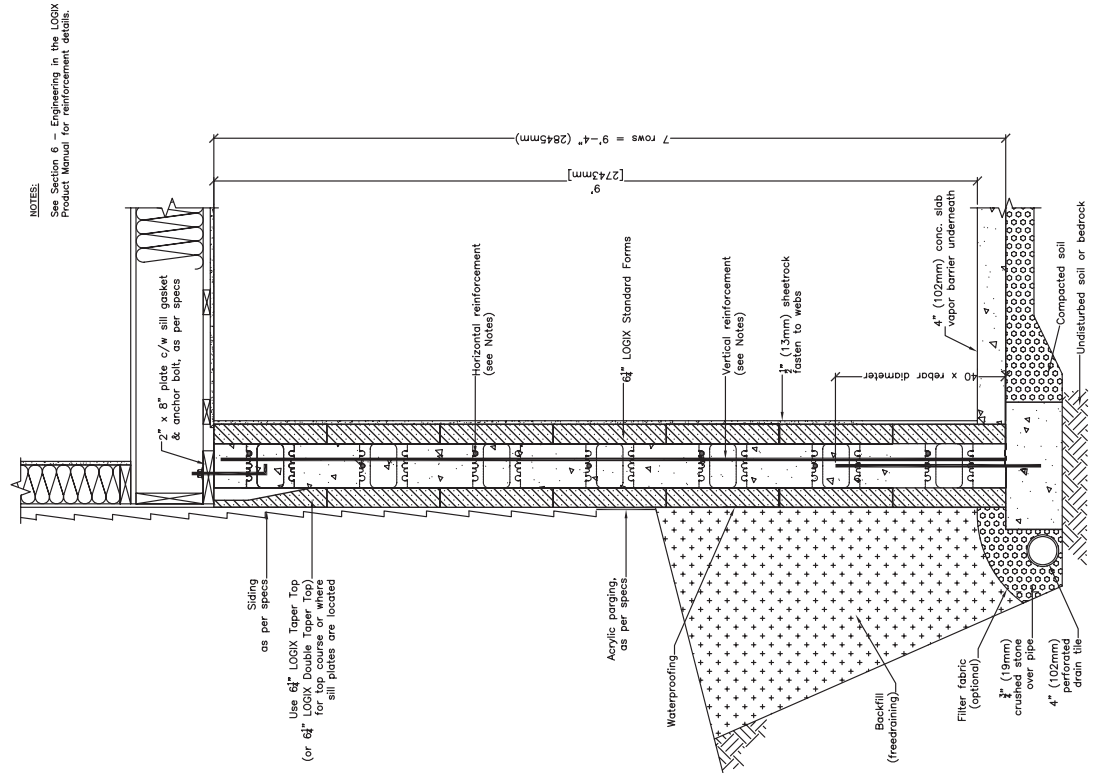


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.5.3.3 - 8'-8" FOUNDATION WITH LOGIX TAPER TOP



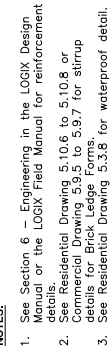
## 5.5.3.4 - 9'-4" FOUNDATION WITH LOGIX TAPER TOP



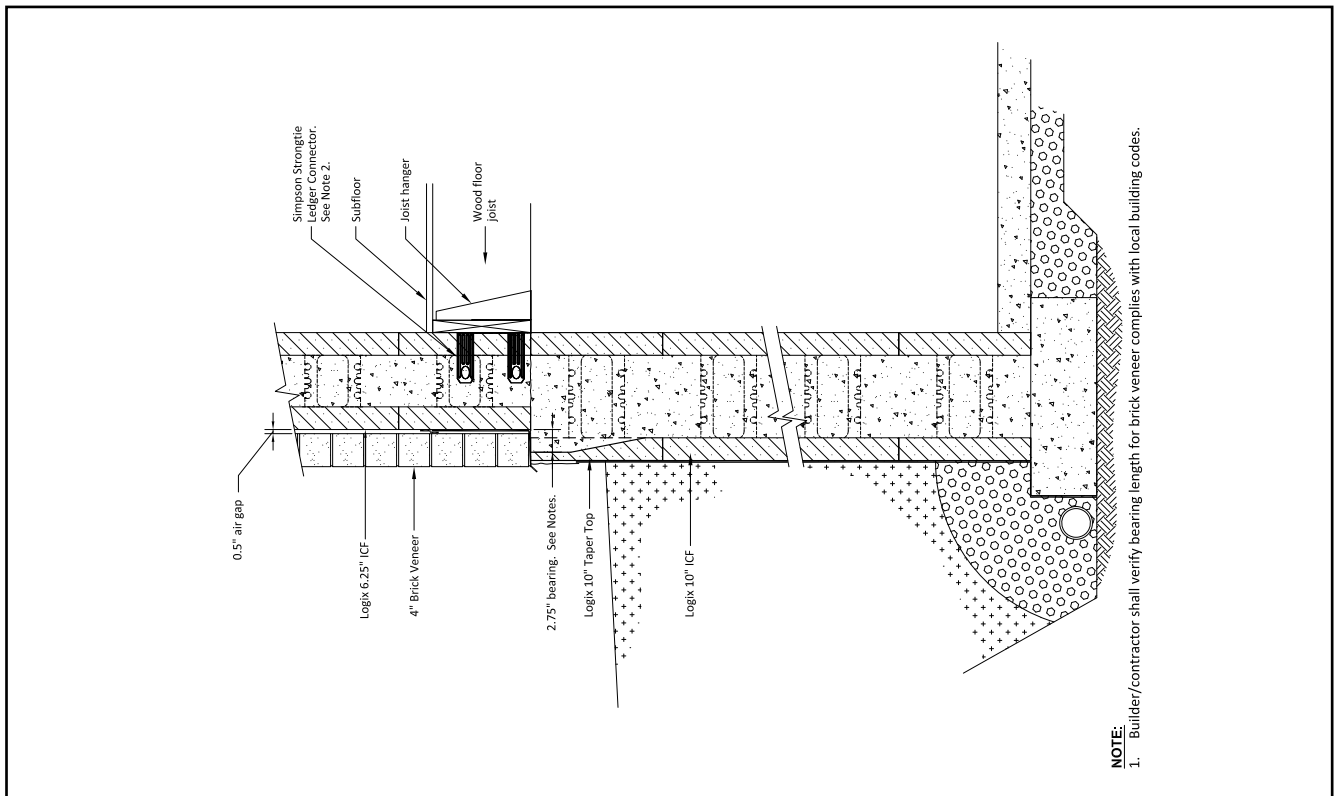
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

Build Anything **Better.**<sup>™</sup>

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



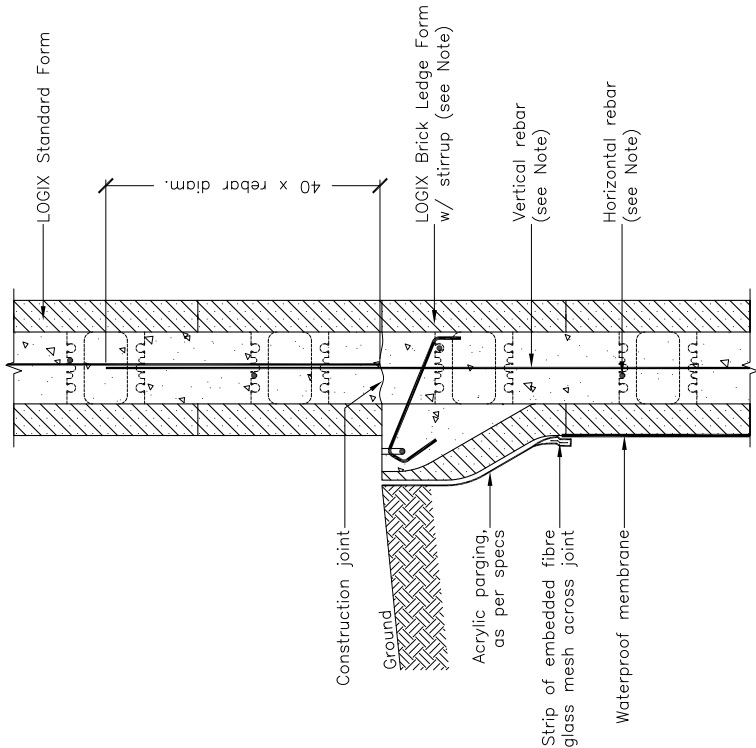
## 5.5.3.7 - 10" TO 6.25" SUPPORTING BRICK VENEER



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



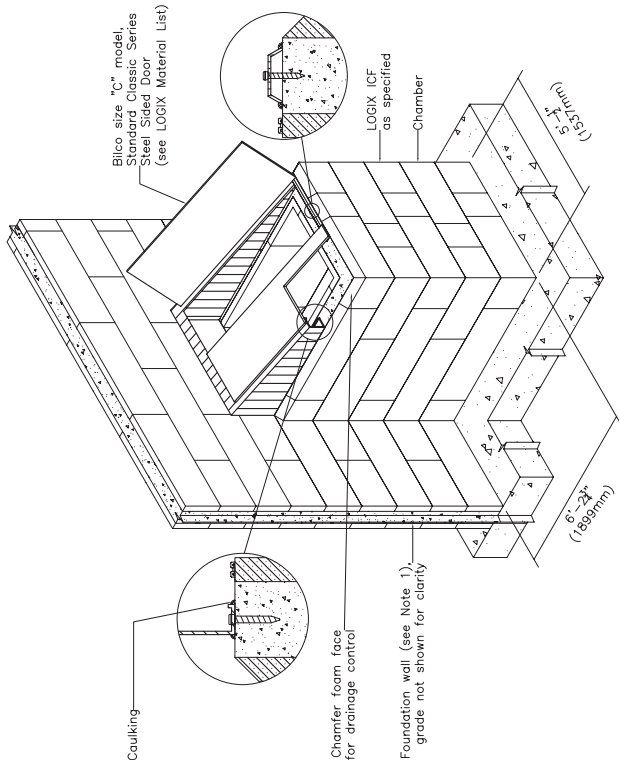
### 5.5.4.1 - LOGIX BRICK LEDGE WATERPROOFING DETAIL



**NOTES:**

1. See Section 6 — Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
2. See Drawing 5.10.7 for stirrup details for Brick Ledge Forms.

### 5.5.3.9 - BILCO BASEMENT DOORS



**NOTES:**

1. Foundation wall height typically one course higher than chamber.
2. Caulk all around the exterior of the frame where it meets the concrete with exterior grade silicone caulking.
3. Install Bilco door as per recommended manufacturer's installation instructions.
4. For more information on Bilco products please visit [www.bilco.com](http://www.bilco.com)

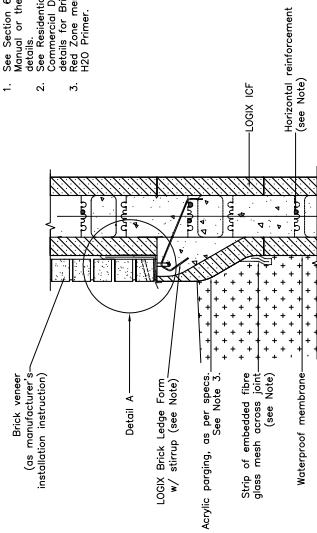
**LOGIX Material List for Bilco Size "C" Doors:**

- 90° Corner Forms (per course) — 2
- Standards (per course) — 3 (Field cut to size)

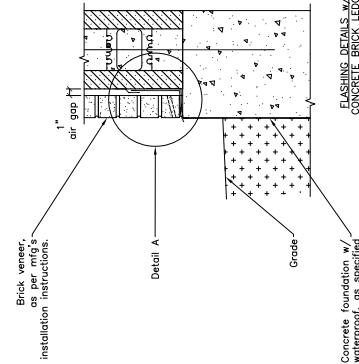
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.5.4.2 - BRICK LEDGE FLASHING DETAILS

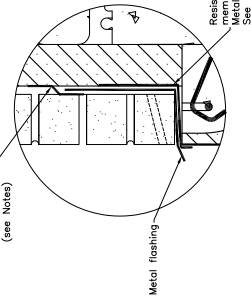
- NOTES:**
1. See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
  2. See Residential Drawing 5.10.6 to 5.10.8 or Commercial Drawing 5.9.5 to 5.9.7 for stirrup details for Brick Ledge Forms.
  3. Red Zone membrane must be adhered with Resisto H2O Primer.



FLASHING DETAILS w/  
LOGIX BRICK LEDGE

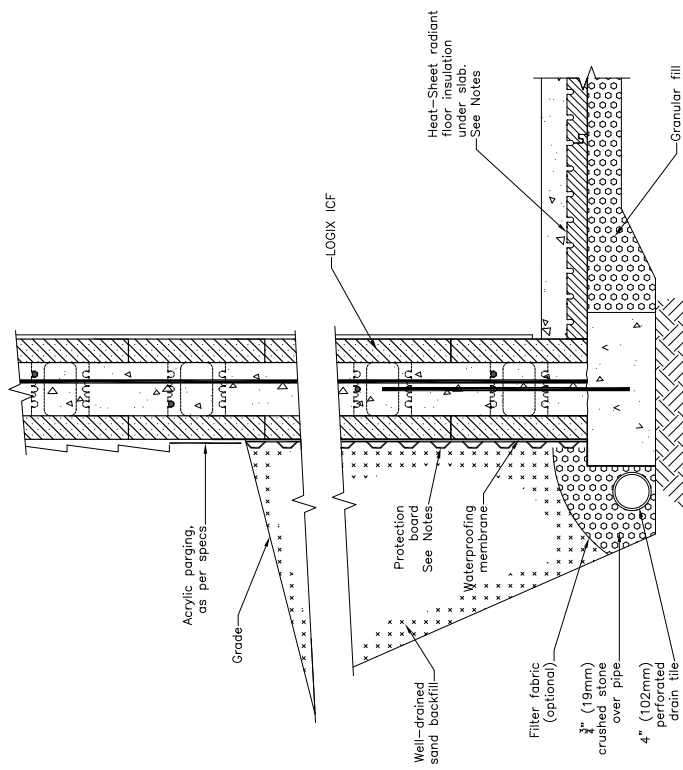


FLASHING DETAILS w/  
CONCRETE BRICK LEDGE



DETAIL A:  
TYPICAL WATERPROOFING  
DETAIL

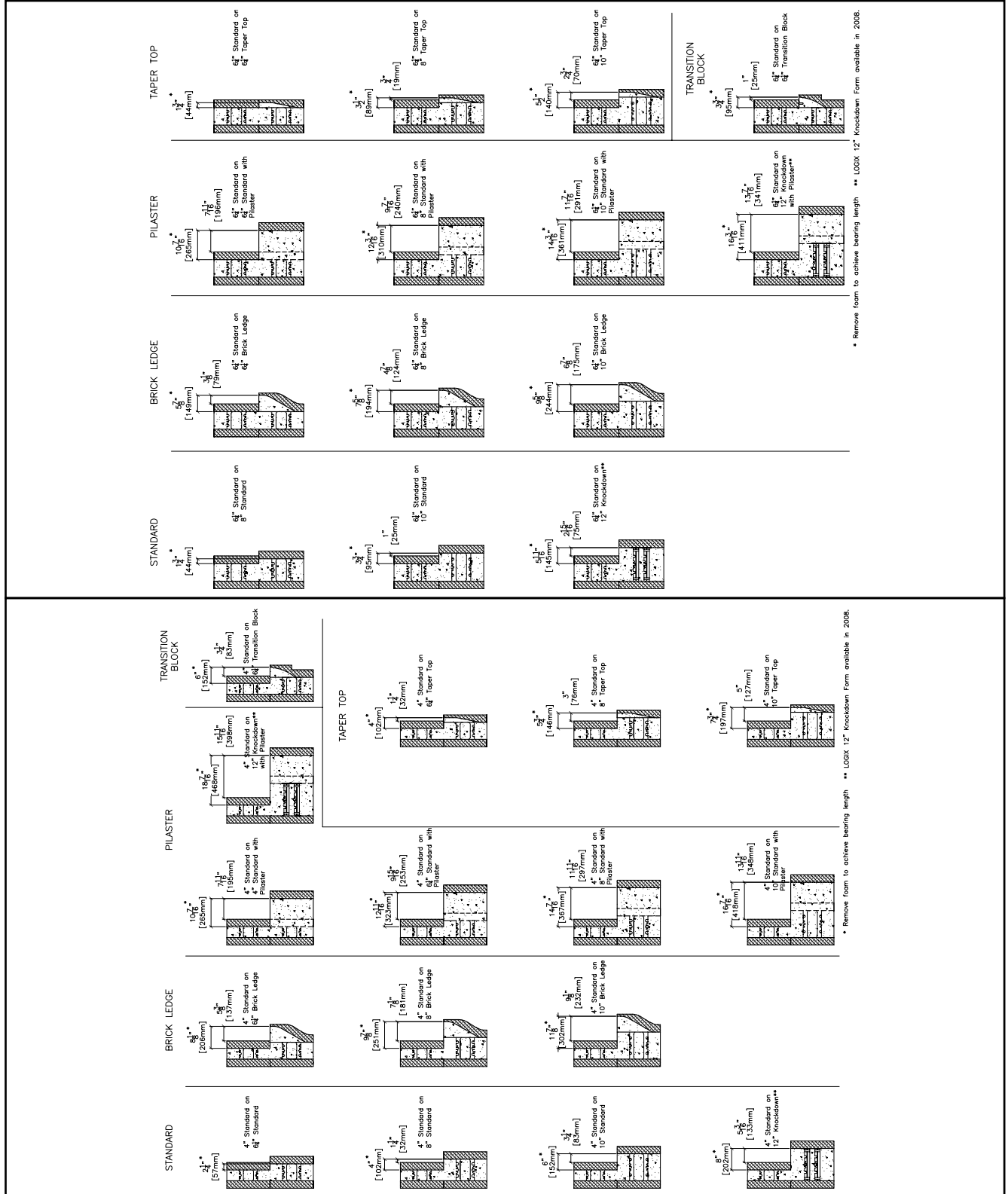
## 5.5.4.3 - WATERPROOFING MEMBRANE PROTECTION



- NOTES:**
1. 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.
  2. Visit Heat-Sheet.com for more information on Heat-Sheet radiant floor insulation.

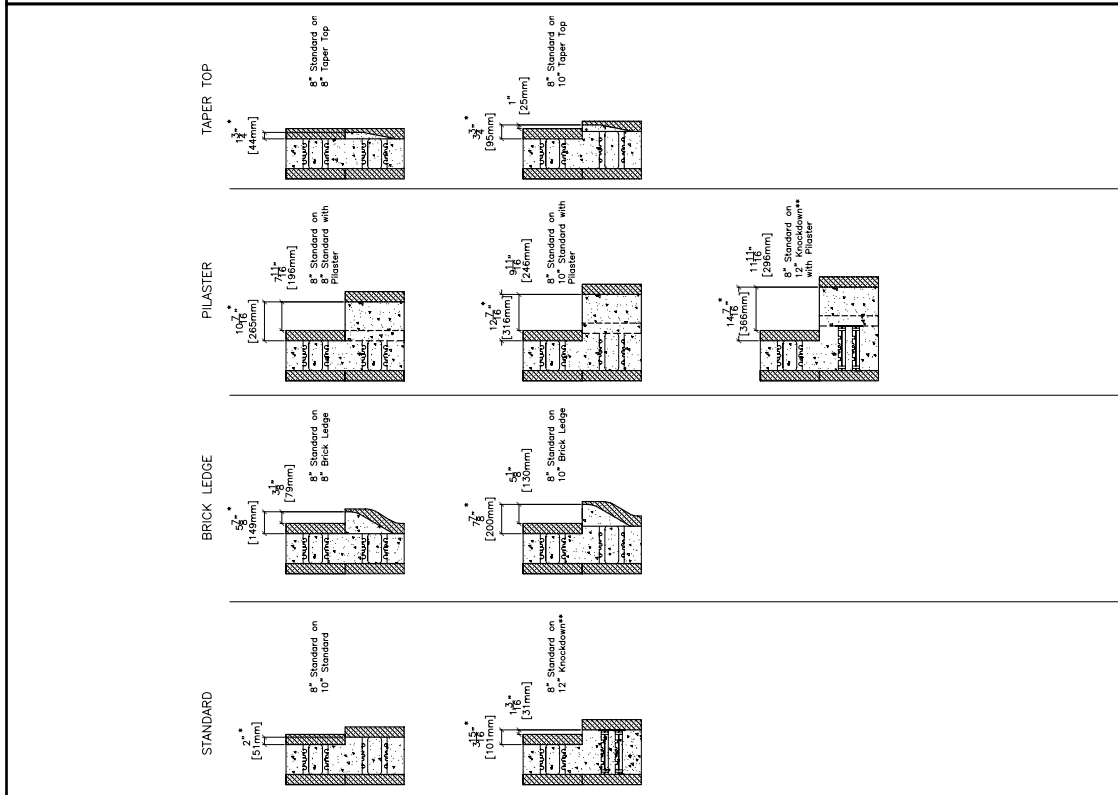
## 5.6.1.1 - BEARING LENGTHS - 4" LOGIX STANDARD ON TOP

## 5.6.1.2 - BEARING LENGTHS - 6.25" LOGIX STANDARD ON TOP



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.6.1.3 - BEARING LENGTHS - 8" LOGIX STANDARD ON TOP



• Remove foam to achieve bearing length \*\* LOGIX 12" Knockdown Form available in 2008.

## 5.6.1.4 - BEARING LENGTHS - 10" & 12" LOGIX STANDARD ON TOP



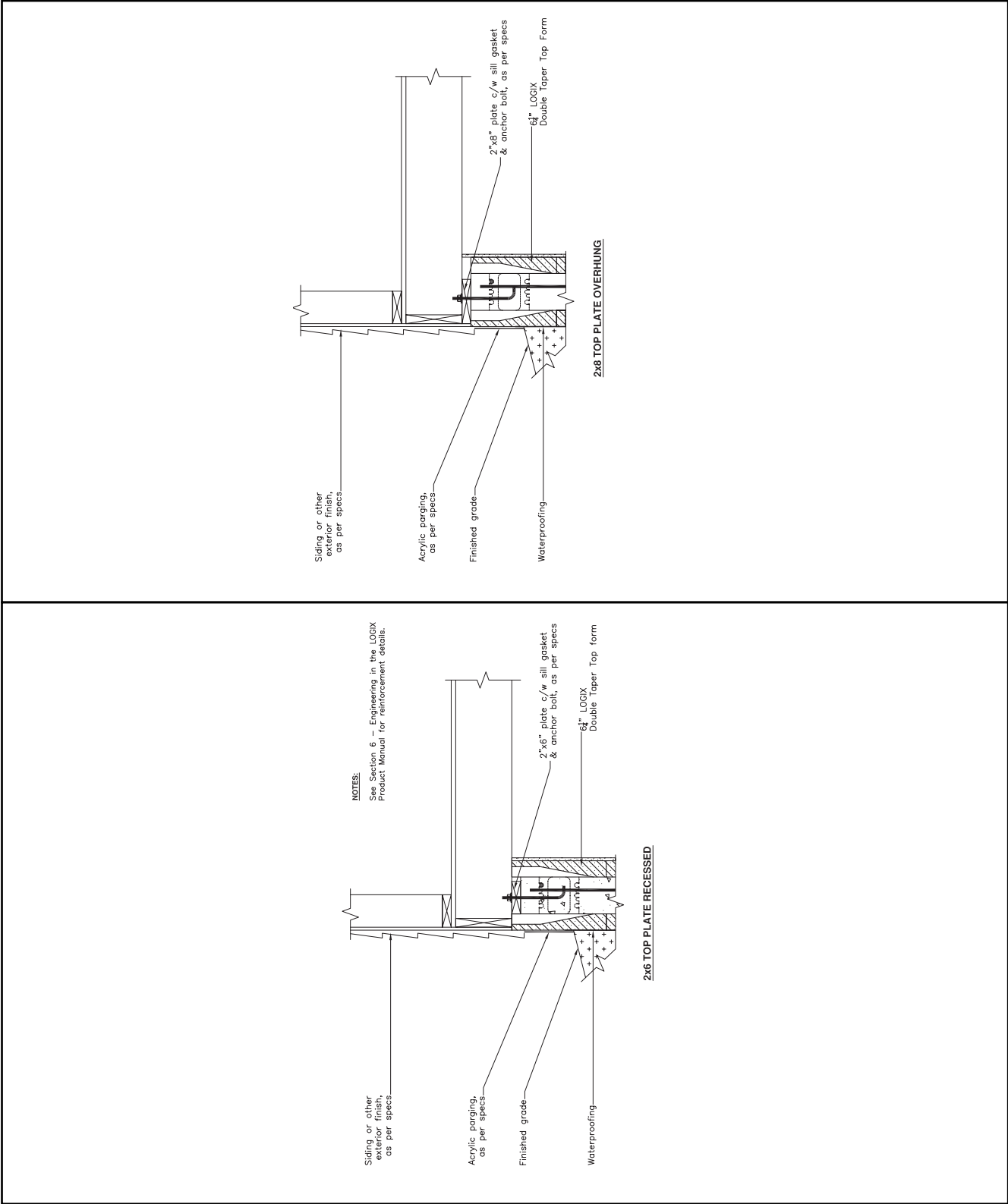
• Remove foam to achieve bearing length \*\* LOGIX 12" Knockdown Form available in 2008.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.6.2 - WOOD JOISTS

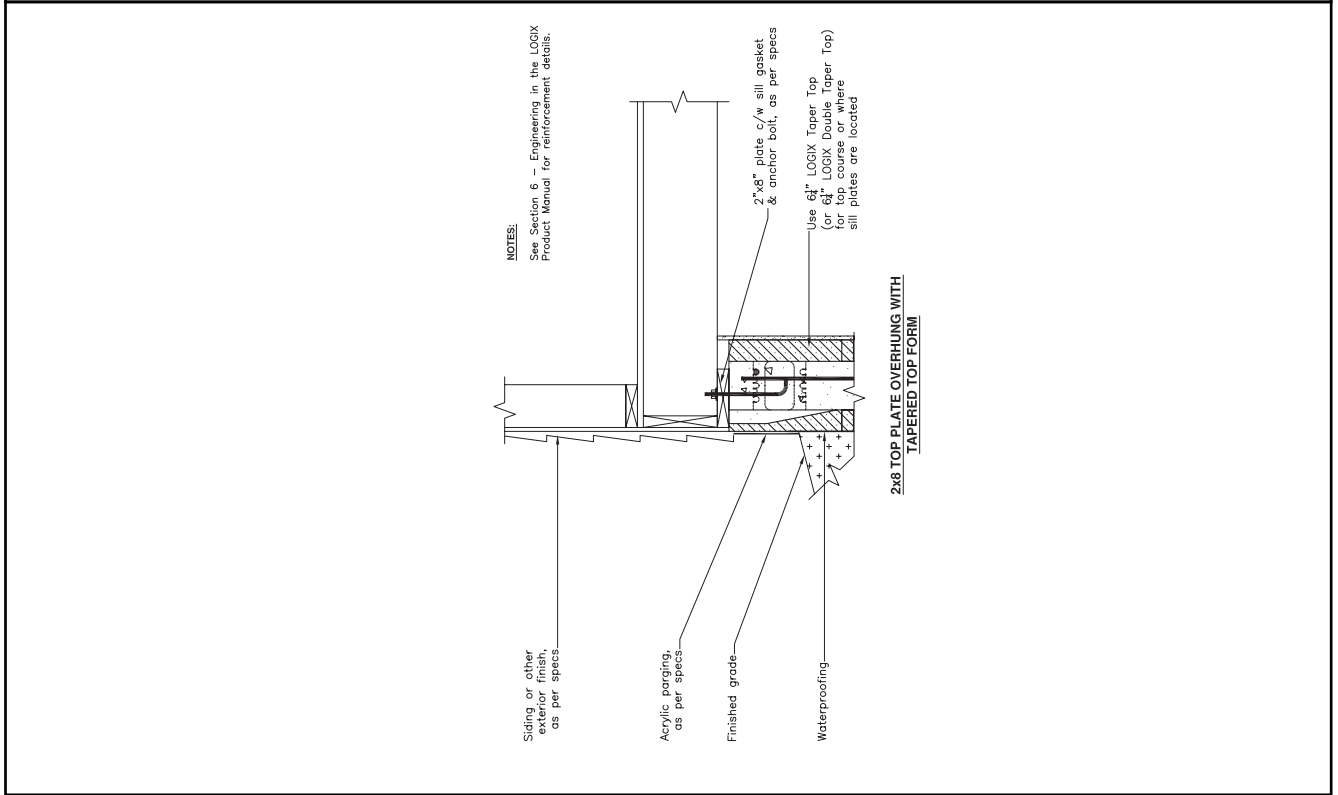
5.6.2.1 - 2X6 TOP PLATE RECESSED WITH DOUBLE TAPER TOP

5.6.2.2 - 2X6 TOP PLATE OVERHUNG WITH DOUBLE TAPER TOP

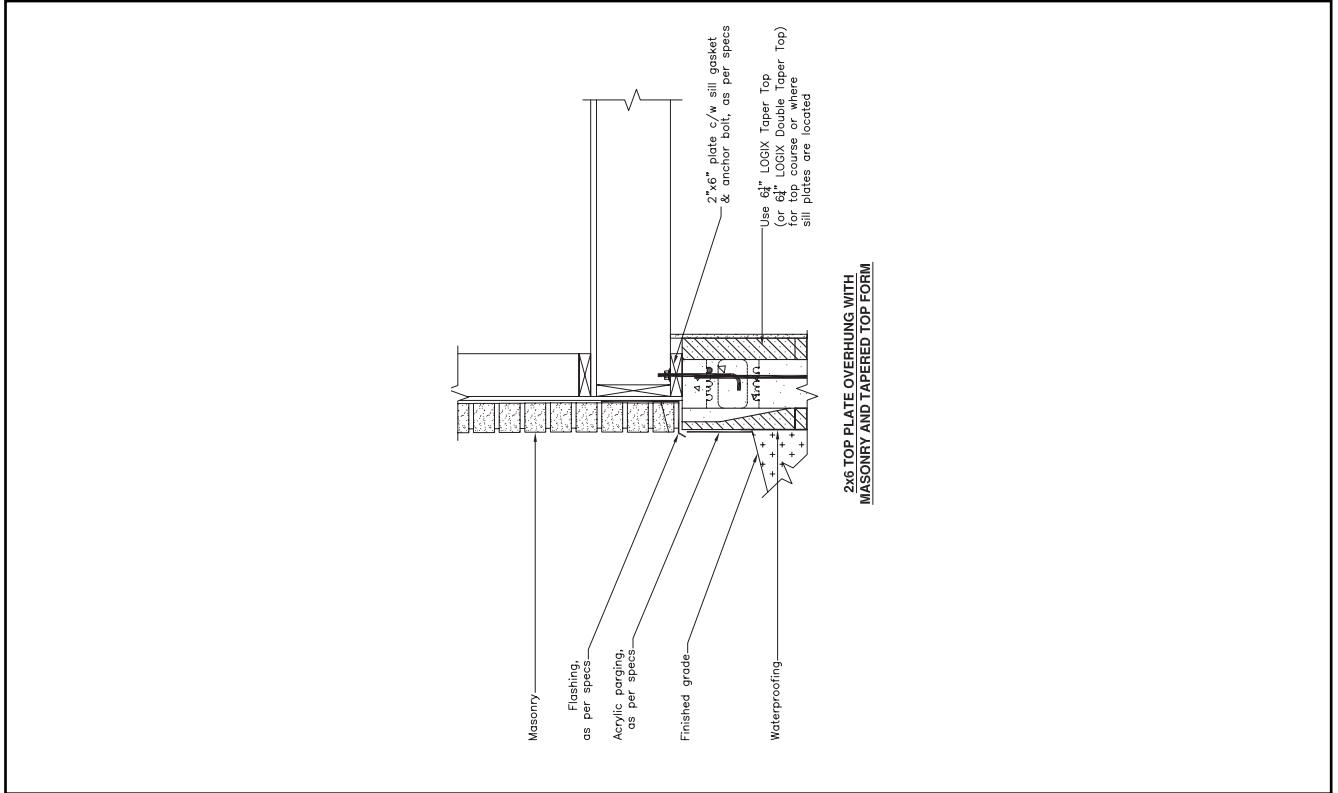


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.6.2.2.3 - 2X8 TOP PLATE OVERHUNG WITH TAPER TOP



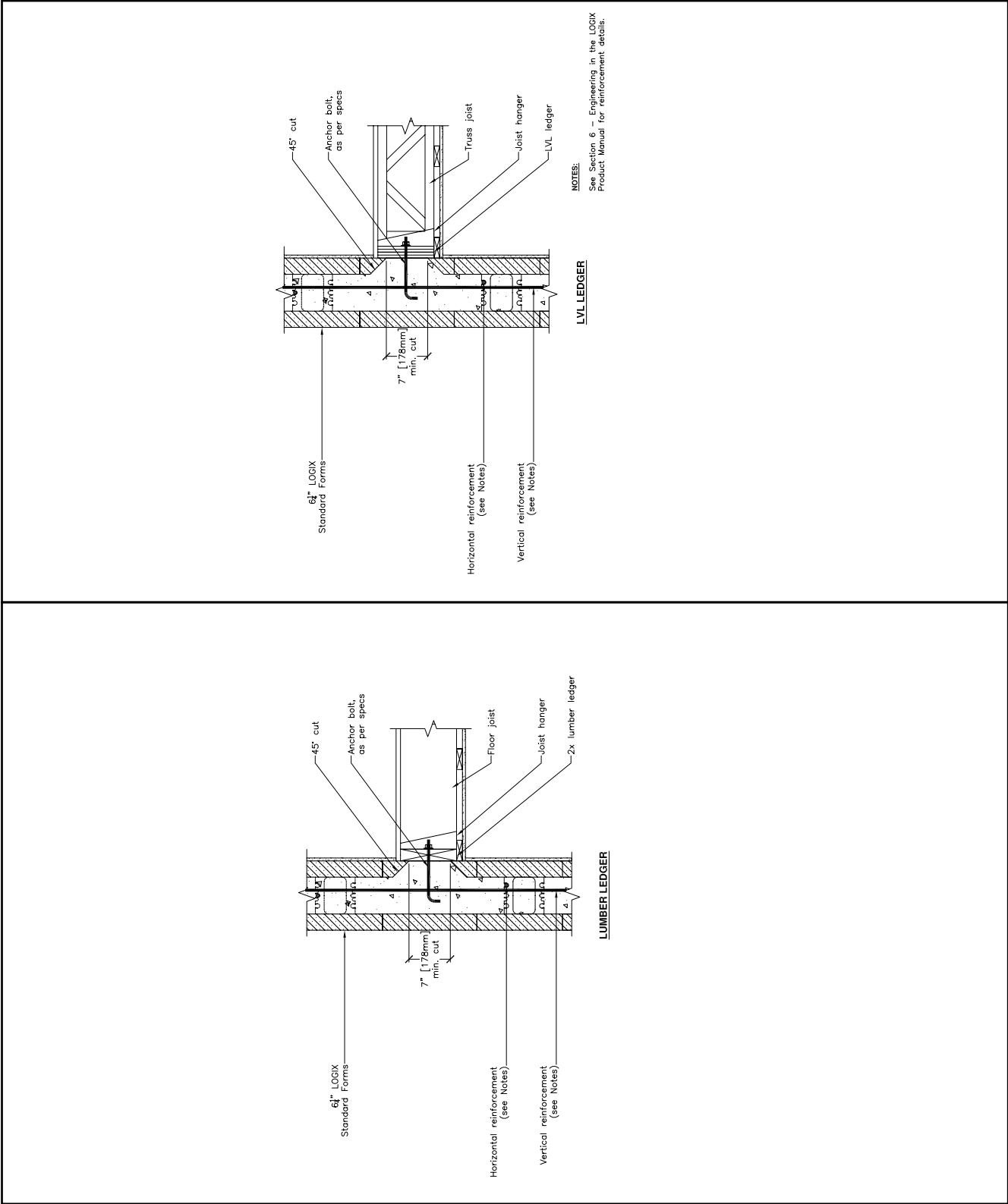
### 5.6.2.2.4 - MASONRY VENEER WITH TAPER TOP



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.6.2.5 - 2X LUMBER LEDGER

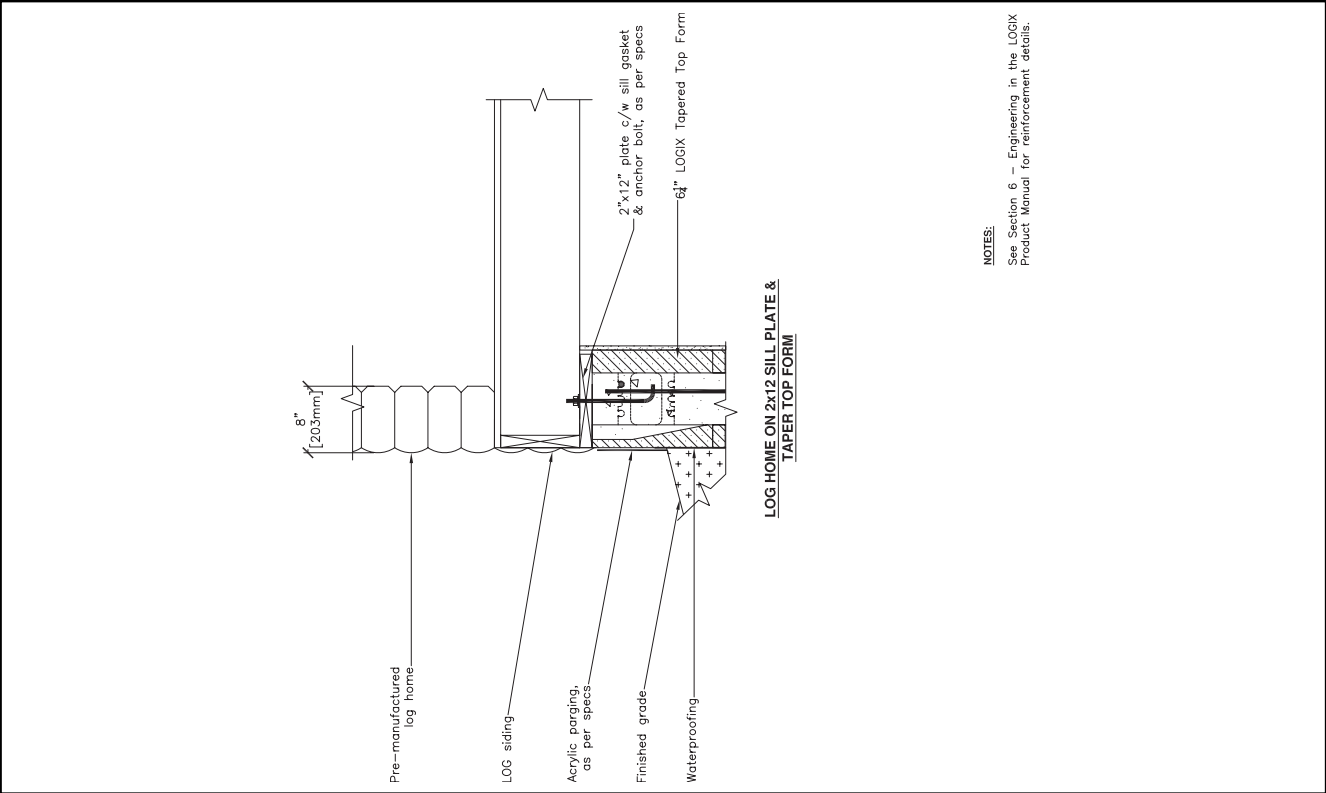
### 5.6.2.6 - LVL LUMBER LEDGER



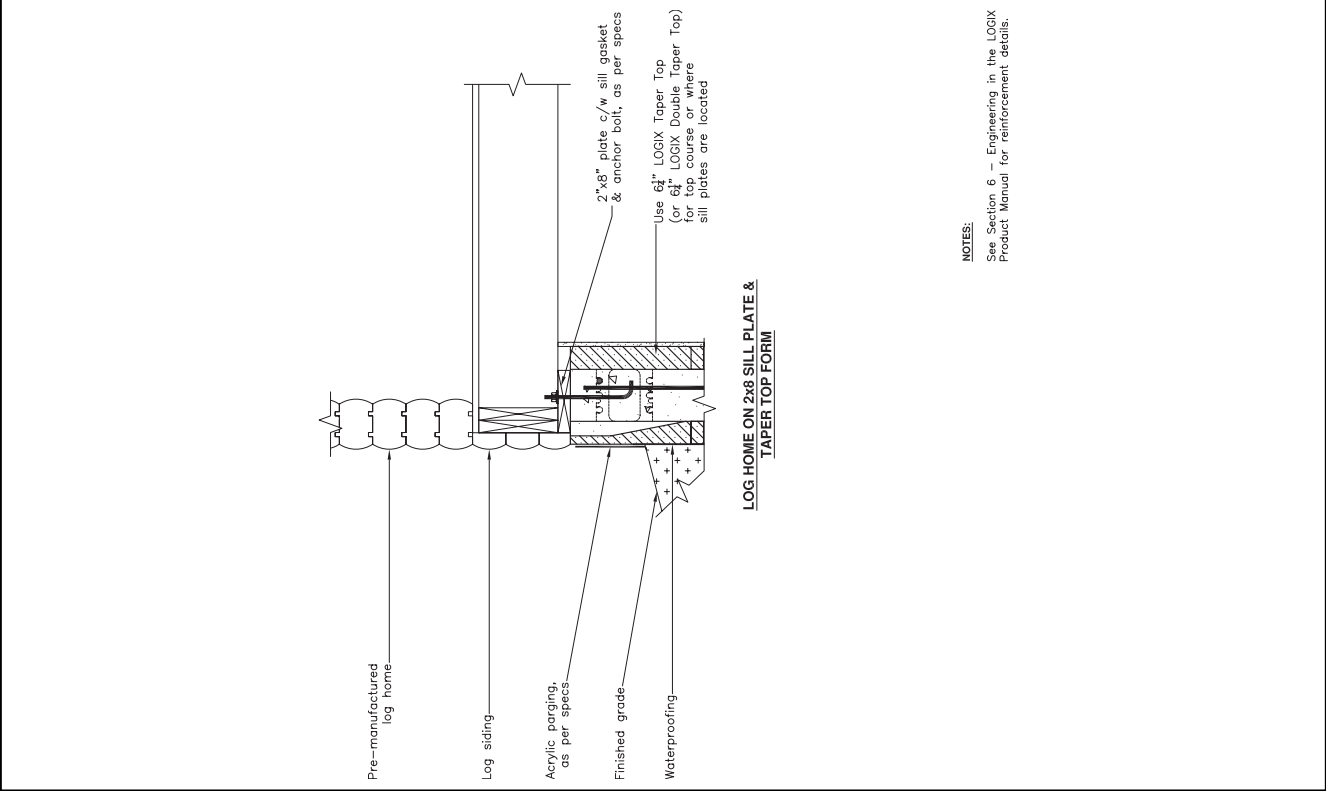
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



### 5.6.2.8 - TAPER TOP WITH LOG HOME 2X12 SILL PLATE



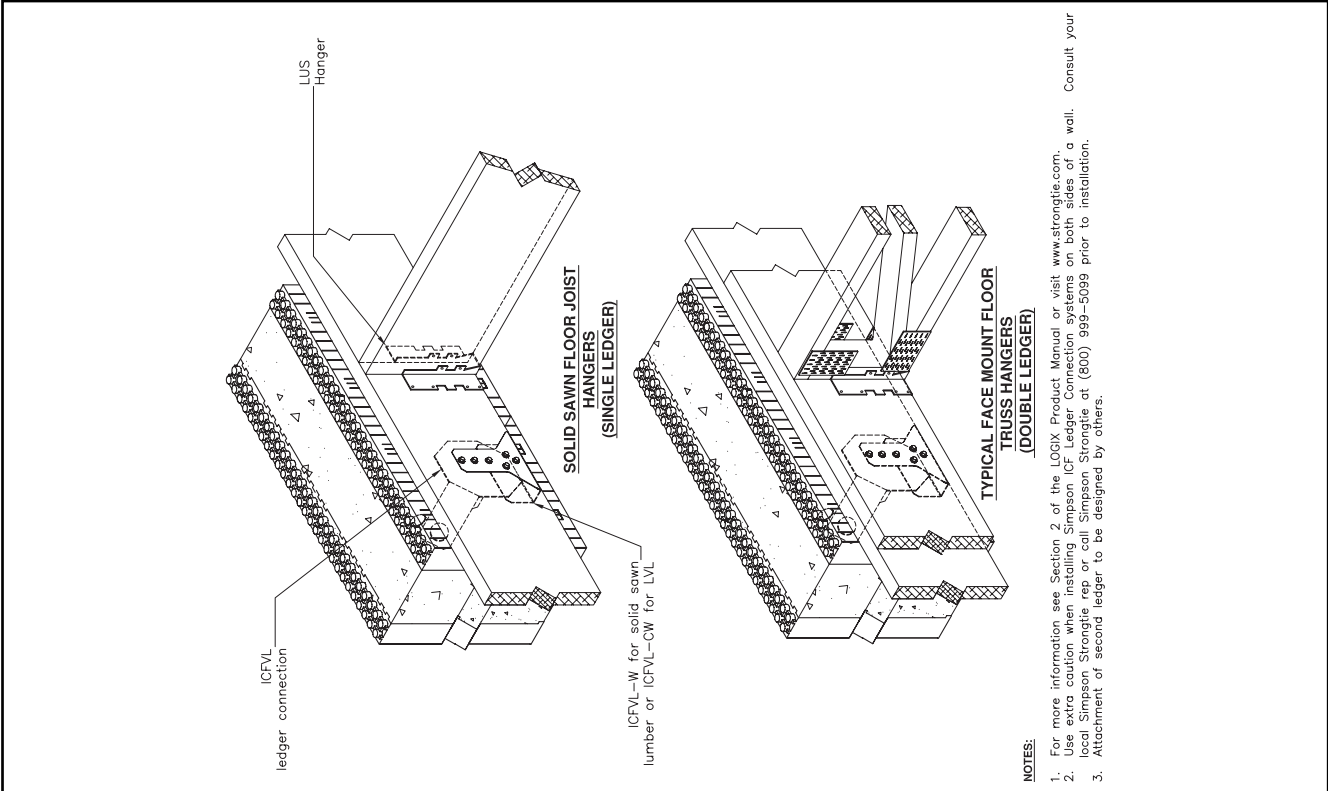
### 5.6.2.7 - TAPER TOP WITH LOG HOME



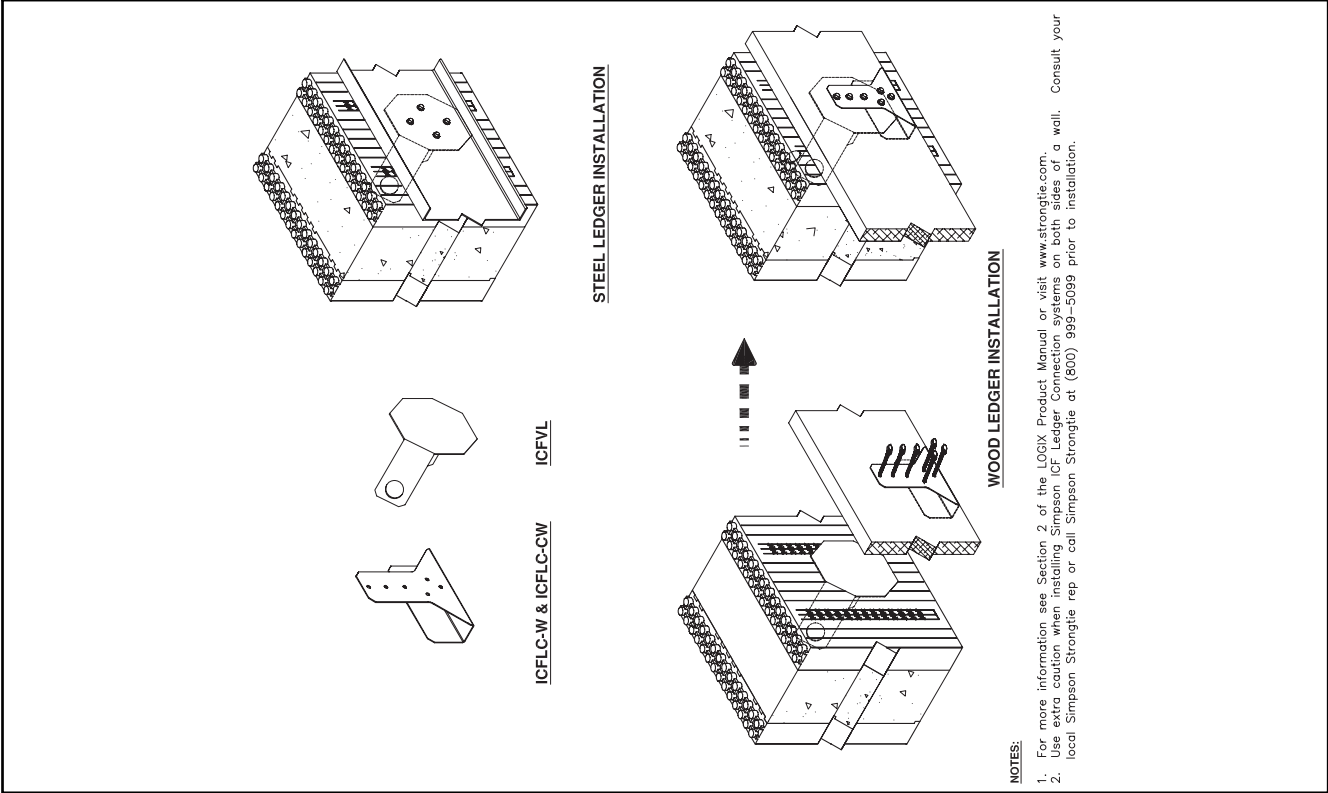
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



### 5.6.2.10 - SIMPSON ICF LEDGER CONNECTION SYSTEM

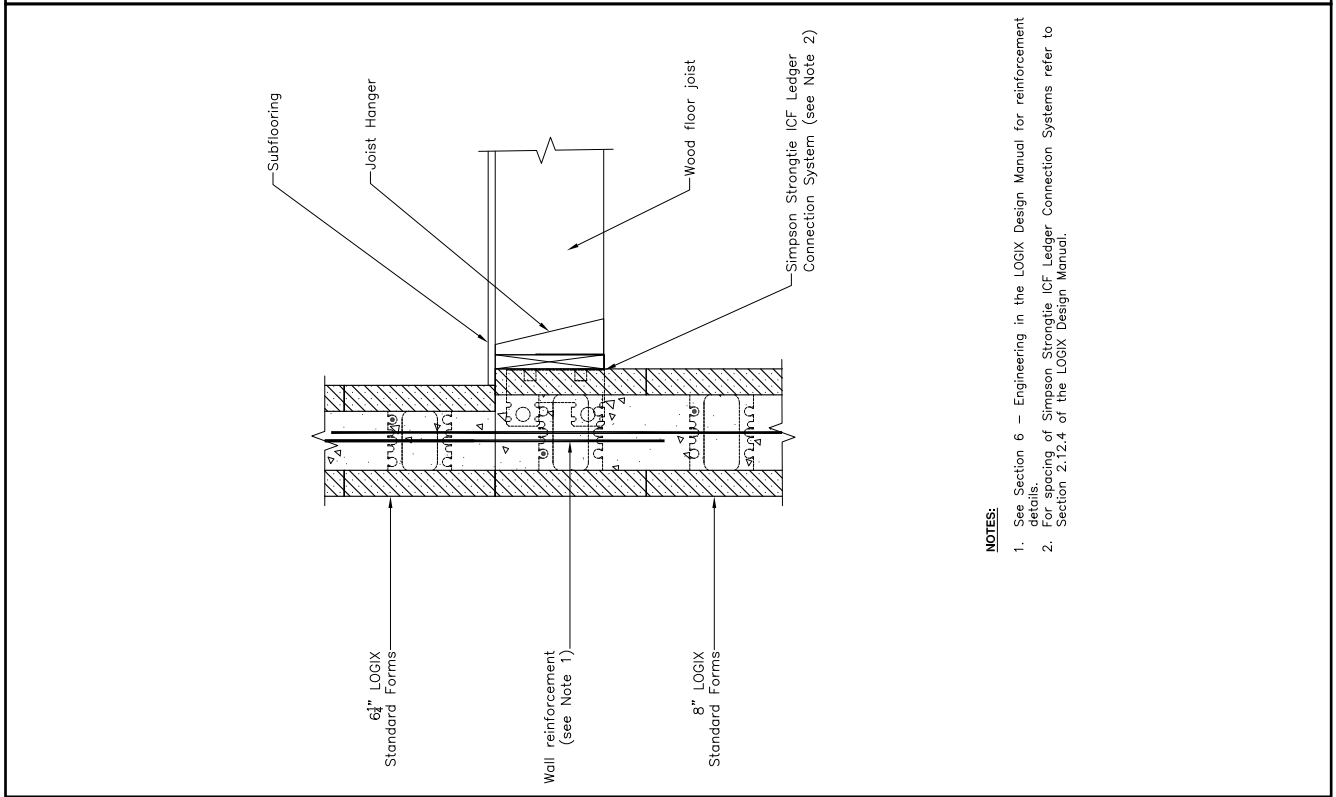


### 5.6.2.9 - SIMPSON ICF HANGER

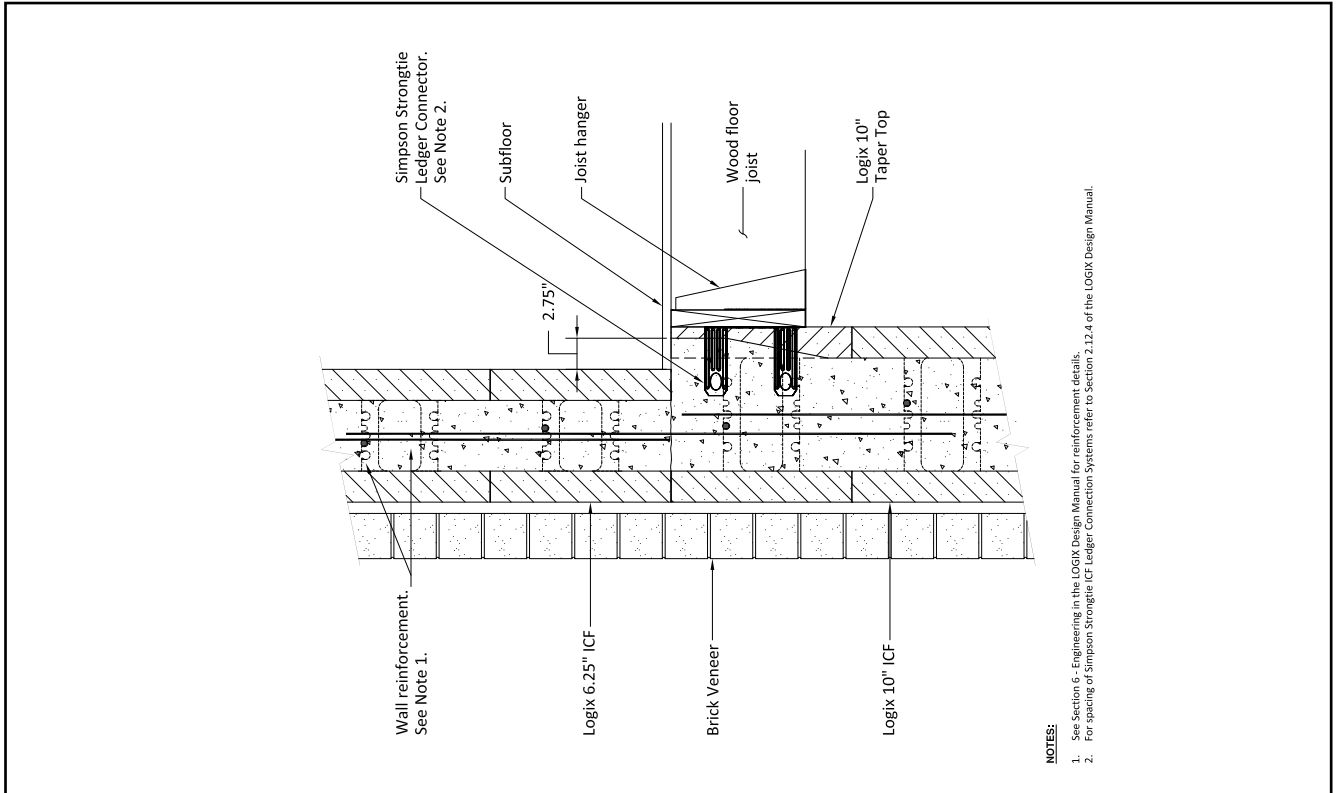


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.6.2.11 - 8" TO 6.25" TRANSITION WITH SIMPSON ICF HANGERS

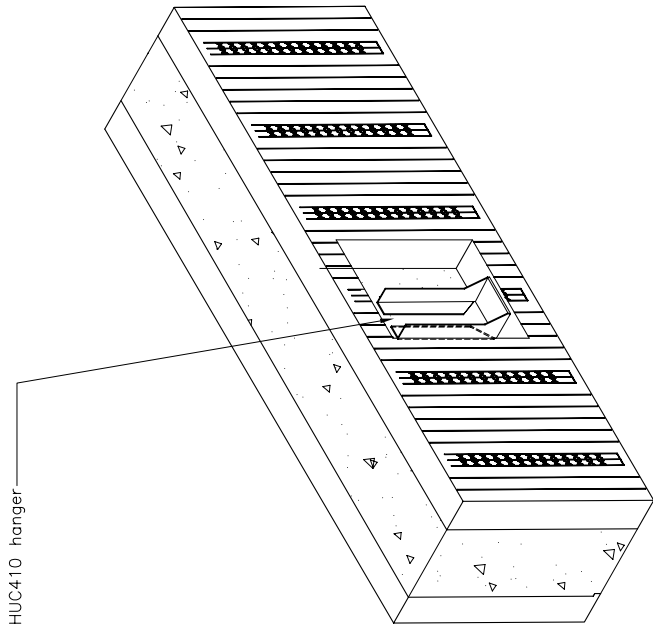


## 5.6.2.12 - 10" TO 6.25" LOGIX WITH TAPER TOP & SIMPSON ICF CONNECTOR



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.6.2.13 - SIMPSON JOIST HANGER HUC410



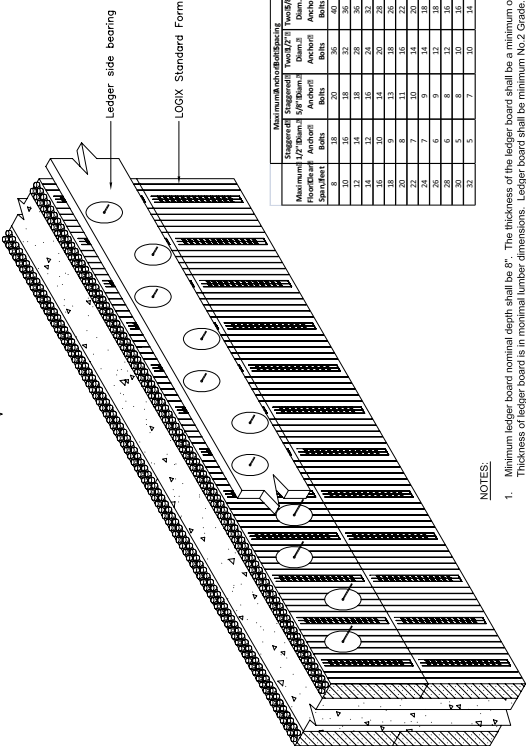
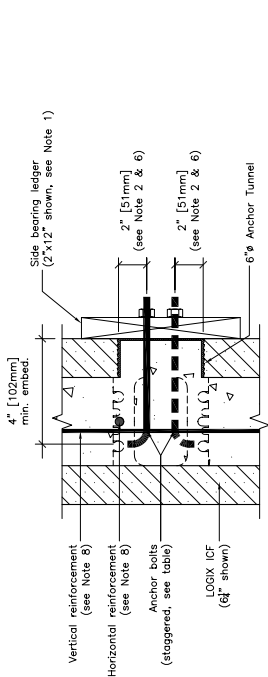
JOIST HANGER  
(Installed on face of concrete in ICF)

NOTES:

1. For more information see Section 2 of the LOGIX Product Manual or visit [www.strongtie.com](http://www.strongtie.com).
2. Use only authorized resellers of Simpson ICF Ledger. Do not use any other product off a wall.

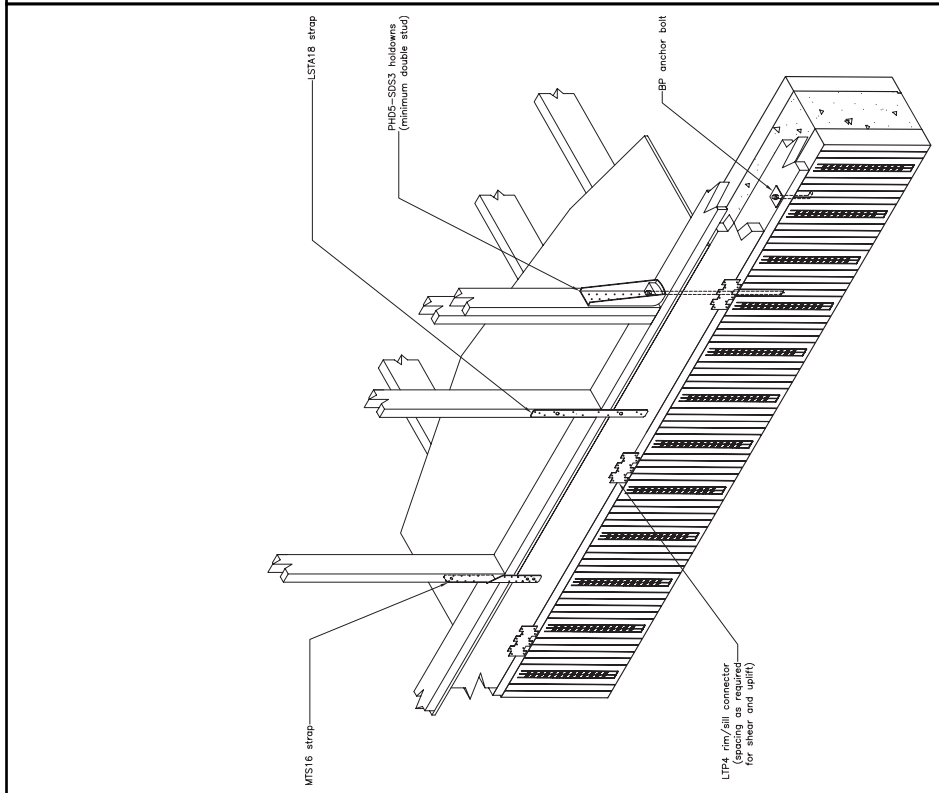
Consult your local Simpson Strongtie rep or call Simpson Strongtie at (800) 999-5099 prior to installation.

5.6.2.14 - ANCHOR TUNNEL - FLOOR LEDGER CONNECTION



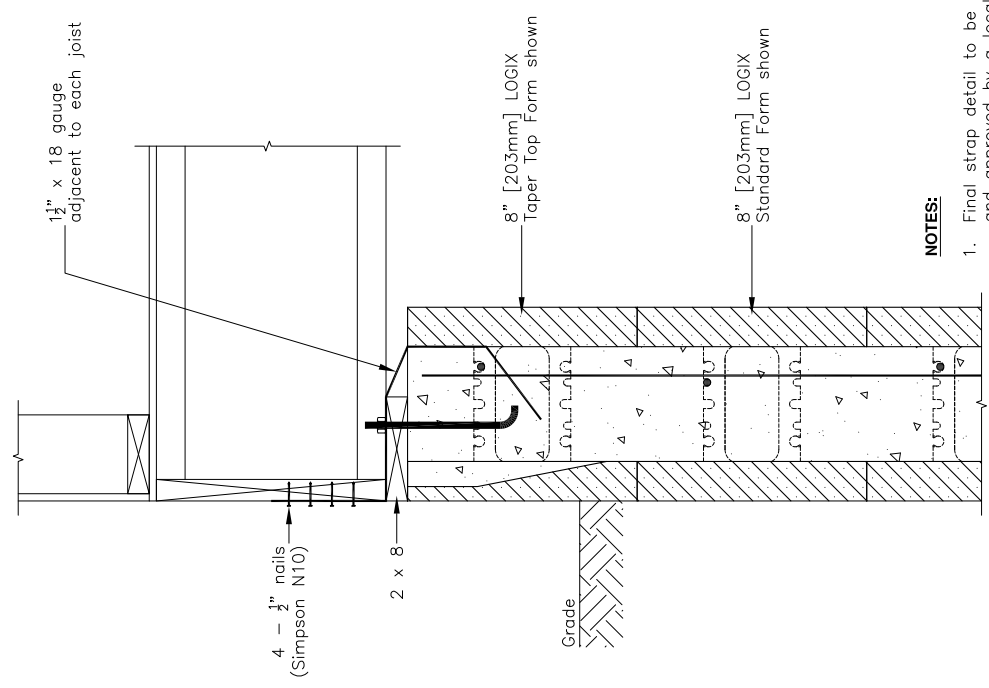
Minimum Vertical Distance			
Minimum 1/2" Dim.	Anchor Bolt	Anchor Bolt	Anchor Bolt
1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	3/4"
1"	1"	1"	1"
1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 1/2"	1 1/2"	1 1/2"	1 1/2"
1 3/4"	1 3/4"	1 3/4"	1 3/4"
2"	2"	2"	2"
2 1/4"	2 1/4"	2 1/4"	2 1/4"
2 1/2"	2 1/2"	2 1/2"	2 1/2"
2 3/4"	2 3/4"	2 3/4"	2 3/4"
3"	3"	3"	3"
3 1/4"	3 1/4"	3 1/4"	3 1/4"
3 1/2"	3 1/2"	3 1/2"	3 1/2"
3 3/4"	3 3/4"	3 3/4"	3 3/4"
4"	4"	4"	4"
4 1/4"	4 1/4"	4 1/4"	4 1/4"
4 1/2"	4 1/2"	4 1/2"	4 1/2"
4 3/4"	4 3/4"	4 3/4"	4 3/4"
5"	5"	5"	5"
5 1/4"	5 1/4"	5 1/4"	5 1/4"
5 1/2"	5 1/2"	5 1/2"	5 1/2"
5 3/4"	5 3/4"	5 3/4"	5 3/4"
6"	6"	6"	6"
6 1/4"	6 1/4"	6 1/4"	6 1/4"
6 1/2"	6 1/2"	6 1/2"	6 1/2"
6 3/4"	6 3/4"	6 3/4"	6 3/4"
7"	7"	7"	7"
7 1/4"	7 1/4"	7 1/4"	7 1/4"
7 1/2"	7 1/2"	7 1/2"	7 1/2"
7 3/4"	7 3/4"	7 3/4"	7 3/4"
8"	8"	8"	8"
8 1/4"	8 1/4"	8 1/4"	8 1/4"
8 1/2"	8 1/2"	8 1/2"	8 1/2"
8 3/4"	8 3/4"	8 3/4"	8 3/4"
9"	9"	9"	9"
9 1/4"	9 1/4"	9 1/4"	9 1/4"
9 1/2"	9 1/2"	9 1/2"	9 1/2"
9 3/4"	9 3/4"	9 3/4"	9 3/4"
10"	10"	10"	10"
10 1/4"	10 1/4"	10 1/4"	10 1/4"
10 1/2"	10 1/2"	10 1/2"	10 1/2"
10 3/4"	10 3/4"	10 3/4"	10 3/4"
11"	11"	11"	11"
11 1/4"	11 1/4"	11 1/4"	11 1/4"
11 1/2"	11 1/2"	11 1/2"	11 1/2"
11 3/4"	11 3/4"	11 3/4"	11 3/4"
12"	12"	12"	12"
12 1/4"	12 1/4"	12 1/4"	12 1/4"
12 1/2"	12 1/2"	12 1/2"	12 1/2"
12 3/4"	12 3/4"	12 3/4"	12 3/4"
13"	13"	13"	13"
13 1/4"	13 1/4"	13 1/4"	13 1/4"
13 1/2"	13 1/2"	13 1/2"	13 1/2"
13 3/4"	13 3/4"	13 3/4"	13 3/4"
14"	14"	14"	14"
14 1/4"	14 1/4"	14 1/4"	14 1/4"
14 1/2"	14 1/2"	14 1/2"	14 1/2"
14 3/4"	14 3/4"	14 3/4"	14 3/4"
15"	15"	15"	15"
15 1/4"	15 1/4"	15 1/4"	15 1/4"
15 1/2"	15 1/2"	15 1/2"	15 1/2"
15 3/4"	15 3/4"	15 3/4"	15 3/4"
16"	16"	16"	16"
16 1/4"	16 1/4"	16 1/4"	16 1/4"
16 1/2"	16 1/2"	16 1/2"	16 1/2"
16 3/4"	16 3/4"	16 3/4"	16 3/4"
17"	17"	17"	17"
17 1/4"	17 1/4"	17 1/4"	17 1/4"
17 1/2"	17 1/2"	17 1/2"	17 1/2"
17 3/4"	17 3/4"	17 3/4"	17 3/4"
18"	18"	18"	18"
18 1/4"	18 1/4"	18 1/4"	18 1/4"
18 1/2"	18 1/2"	18 1/2"	18 1/2"
18 3/4"	18 3/4"	18 3/4"	18 3/4"
19"	19"	19"	19"
19 1/4"	19 1/4"	19 1/4"	19 1/4"
19 1/2"	19 1/2"	19 1/2"	19 1/2"
19 3/4"	19 3/4"	19 3/4"	19 3/4"
20"	20"	20"	20"
20 1/4"	20 1/4"	20 1/4"	20 1/4"
20 1/2"	20 1/2"	20 1/2"	20 1/2"
20 3/4"	20 3/4"	20 3/4"	20 3/4"
21"	21"	21"	21"
21 1/4"	21 1/4"	21 1/4"	21 1/4"
21 1/2"	21 1/2"	21 1/2"	21 1/2"
21 3/4"	21 3/4"	21 3/4"	21 3/4"
22"	22"	22"	22"
22 1/4"	22 1/4"	22 1/4"	22 1/4"
22 1/2"	22 1/2"	22 1/2"	22 1/2"
22 3/4"	22 3/4"	22 3/4"	22 3/4"
23"	23"	23"	23"
23 1/4"	23 1/4"	23 1/4"	23 1/4"
23 1/2"	23 1/2"	23 1/2"	23 1/2"
23 3/4"	23 3/4"	23 3/4"	23 3/4"
24"	24"	24"	24"
24 1/4"	24 1/4"	24 1/4"	24 1/4"
24 1/2"	24 1/2"	24 1/2"	24 1/2"
24 3/4"	24 3/4"	24 3/4"	24 3/4"
25"	25"	25"	25"
25 1/4"	25 1/4"	25 1/4"	25 1/4"
25 1/2"	25 1/2"	25 1/2"	25 1/2"
25 3/4"	25 3/4"	25 3/4"	25 3/4"
26"	26"	26"	26"
26 1/4"	26 1/4"	26 1/4"	26 1/4"
26 1/2"	26 1/2"	26 1/2"	26 1/2"
26 3/4"	26 3/4"	26 3/4"	26 3/4"
27"	27"	27"	27"
27 1/4"	27 1/4"	27 1/4"	27 1/4"
27 1/2"	27 1/2"	27 1/2"	27 1/2"
27 3/4"	27 3/4"	27 3/4"	27 3/4"
28"	28"	28"	28"
28 1/4"	28 1/4"	28 1/4"	28 1/4"
28 1/2"	28 1/2"	28 1/2"	28 1/2"
28 3/4"	28 3/4"	28 3/4"	28 3/4"
29"	29"	29"	29"
29 1/4"	29 1/4"	29 1/4"	29 1/4"
29 1/2"	29 1/2"	29 1/2"	29 1/2"
29 3/4"	29 3/4"	29 3/4"	29 3/4"
30"	30"	30"	30"
30 1/4"	30 1/4"	30 1/4"	30 1/4"
30 1/2"	30 1/2"	30 1/2"	30 1/2"
30 3/4"	30 3/4"	30 3/4"	30 3/4"
31"	31"	31"	31"
31 1/4"	31 1/4"	31 1/4"	31 1/4"
31 1/2"	31 1/2"	31 1/2"	31 1/2"
31 3/4"	31 3/4"	31 3/4"	31 3/4"
32"	32"	32"	32"
32 1/4"	32 1/4"	32 1/4"	32 1/4"
32 1/2"	32 1/2"	32 1/2"	32 1/2"
32 3/4"	32 3/4"	32 3/4"	32 3/4"
33"	33"	33"	33"
33 1/4"	33 1/4"	33 1/4"	33 1/4"
33 1/2"	33 1/2"	33 1/2"	33 1/2"
33 3/4"	33 3/4"	33 3/4"	33 3/4"
34"	34"	34"	34"
34 1/4"	34 1/4"	34 1/4"	34 1/4"
34 1/2"	34 1/2"	34 1/2"	34 1/2"
34 3/4"	34 3/4"	34 3/4"	34 3/4"
35"	35"	35"	35"
35 1/4"	35 1/4"	35 1/4"	35 1/4"
35 1/2"	35 1/2"	35 1/2"	35 1/2"
35 3/4"	35 3/4"	35 3/4"	35 3/4"
36"	36"	36"	36"
36 1/4"	36 1/4"	36 1/4"	36 1/4"
36 1/2"	36 1/2"	36 1/2"	36 1/2"
36 3/4"	36 3/4"	36 3/4"	36 3/4"
37"	37"	37"	37"
37 1/4"	37 1/4"	37 1/4"	37 1/4"
37 1/2"	37 1/2"	37 1/2"	37 1/2"
37 3/4"	37 3/4"	37 3/4"	37 3/4"
38"	38"	38"	38"
38 1/4"	38 1/4"	38 1/4"	38 1/4"
38 1/2"	38 1/2"	38 1/2"	38 1/2"
38 3/4"	38 3/4"	38 3/4"	38 3/4"
39"	39"	39"	39"
39 1/4"	39 1/4"	39 1/4"	39 1/4"
39 1/2"	39 1/2"	39 1/2"	39 1/2"
39 3/4"	39 3/4"	39 3/4"	39 3/4"
40"	40"	40"	40"
40 1/4"	40 1/4"	40 1/4"	40 1/4"
40 1/2"	40 1/2"	40 1/2"	40 1/2"
40 3/4"	40 3/4"	40 3/4"	40 3/4"
41"	41"	41"	41"
41 1/4"	41 1/4"	41 1/4"	41 1/4"
41 1/2"	41 1/2"	41 1/2"	41 1/2"
41 3/4"	41 3/4"	41 3/4"	41 3/4"
42"	42"	42"	42"
42 1/4"	42 1/4"	42 1/4"	42 1/4"
42 1/2"	42 1/2"	42 1/2"	42 1/2"
42 3/4"	42 3/4"	42 3/4"	42 3/4"
43"	43"	43"	43"
43 1/4"	43 1/4"	43 1/4"	43 1/4"
43 1/2"	43 1/2"	43 1/2"	43 1/2"
43 3/4"	43 3/4"	43 3/4"	43 3/4"
44"	44"	44"	44"
44 1/4"	44 1/4"	44 1/4"	44 1/4"
44 1/2"	44 1/2"	44 1/2"	44 1/2"
44 3/4"	44 3/4"	44 3/4"	44 3/4"
45"	45"	45"	45"
45 1/4"	45 1/4"	45 1/4"	45 1/4"
45 1/2"	45 1/2"	45 1/2"	45 1/2"
45 3/4"	45 3/4"	45 3/4"	45 3/4"
46"	46"	46"	46"
46 1/4"	46 1/4"	46 1/4"	46 1/4"
46 1/2"	46 1/2"	46 1/2"	46 1/2"
46 3/4"	46 3/4"	46 3/4"	46 3/4"
47"	47"	47"	47"
47 1/4"	47 1/4"	47 1/4"	47 1/4"
47 1/2"	47 1/2"	47 1/2"	47 1/2"
47 3/4"	47 3/4"	47 3/4"	47 3/4"
48"	48"	48"	48"
48 1/4"	48 1/4"	48 1/4"	48 1/4"
48 1/2"	48 1/2"	48 1/2"	48 1/2"
48 3/4"	48 3/4"	48 3/4"	48 3/4"
49"	49"	49"	49"
49 1/4"	49 1/4"	49 1/4"	49 1/4"
49 1/2"	49 1/2"	49 1/2"	49 1/2"
49 3/4"	49 3/4"	49 3/4"	49 3/4"
50"	50"	50"	50"
50 1/4"	50 1/4"	50 1/4"	50 1/4"
50 1/2"	50 1/2"	50 1/2"	50 1/2"
50 3/4"	50 3/4"	50 3/4"	50 3/4"
51"	51"	51"	51"
51 1/4"	51 1/4"	51 1/4"	51 1/4"
51 1/2"	51 1/2"	51 1/2"	51 1/2"
51 3/4"	51 3/4"	51 3/4"	51 3/4"
52"	52"	52"	52"
52 1/4"	52 1/4"	52 1/4"	52 1/4"
52 1/2"	52 1/2"	52 1/2"	52 1/2"
52 3/4"	52 3/4"	52 3/4"	52 3/4"
53"	53"	53"	53"
53 1/4"	53 1/4"	53 1/4"	53 1/4"
53 1/2"	53 1/2"	53 1/2"	53 1/2"
53 3/4"	53 3/4"	53 3/4"	53 3/4"
54"	54"	54"	54"
54 1/4"	54 1/4"	54 1/4"	54 1/4"
54 1/2"	54 1/2"	54 1/2"	54 1/2"
54 3/4"	54 3/4"	54 3/4"	54 3/4"
55"	55"	55"	55"
55 1/4"	55 1/4"	55 1/4"	55 1/4"
55 1/2"	55 1/2"	55 1/2"	55 1/2"
55 3/4"	55 3/4"	55 3/4"	55 3/4"
56"	56"	56"	56"
56 1/4"	56 1/4"	56 1/4"	56 1/4"
56 1/2"	56 1/2"	56 1/2"	56 1/2"
56 3/4"	56 3/4"	56 3/4"	56 3/4"
57"	57"	57"	57"
57 1/4"	57 1/4"	57 1/4"	57 1/4"
57 1/2"	57 1/2"	57 1/2"	57 1/2"
57 3/4"	57 3/4"	57 3/4"	57 3/4"
58"	58"	58"	58"
58 1/4"	58 1/4"	58 1/4"	58 1/4"
58 1/2"	58 1/2"	58 1/2"	58 1/2"
58 3/4"	58 3/4"	58 3/4"	58 3/4"
59"	59"	59"	59"
59 1/4"	59 1/4"	59 1/4"	59 1/4"
59 1/2"	59 1/2"	59 1/2"	59 1/2"
59 3/4"	59 3/4"	59 3/4"	59 3/4"
60"	60"	60"	60"
60 1/4"	60 1/4"	60 1/4"	60 1/4"
60 1/2"	60 1/2"	60 1/2"	60 1/2"
60 3/4"	60 3/4"	60 3/4"	60 3/4"
61"	61"	61"	61"
61 1/4"	61 1/4"	61 1/4"	61 1/4"
61 1/2"	61 1/2"	61 1/2"	61 1/2"
61 3/4"	61 3/4"	61 3/4"	61 3/4"
62"	62"	62"	62"
62 1/4"	62 1/4"	62 1/4"	62 1/4"
62 1/2"	62 1/2"	62 1/2"	62 1/2"
62 3/4"	62 3/4"	62 3/4"	62 3/4"
63"	63"	63"	63"
63 1/4"	63 1/4"	63 1/4"	63 1/4"
63 1/2"	63 1/2"	63 1/2"	63 1/2"
63 3/4"	63 3/4"	63 3/4"	63 3/4"
64"	64"	64"	64"
64 1/4"	64 1/4"	64 1/4"	64 1/4"
64 1/2"	64 1/2"	64 1/2"	64 1/2"
64 3/4"	64 3/4"	64 3/4"	64 3/4"
65"	65"	65"	65"
65 1/4"	65 1/4"	65 1/4"	65 1/4"
65 1/2"	65 1/2"	65 1/2"	65 1/2"
65 3/4"	65 3/4"	65 3/4"	65 3/4"
66"	66"	66"	66"
66 1/4"	66 1/4"	66 1/4"	66 1/4"
66 1/2"	66 1/2"	66 1/2"	66 1/2"
66 3/4"	66 3/4"	66 3/4"	66 3/4"
67"	67"	67"	67"
67 1/4"	67 1/4"	67 1/4"	67 1/4"
67 1/2"	67 1/2"	67 1/2"	67 1/2"
67 3/4"	67 3/4"	67 3/4"	67 3/4"
68"	68"	68"	68"
68 1/4"	68 1/4"	68 1/4"	68 1/4"
68 1/2"	68 1/2"	68 1/2"	68 1/2"
68 3/4"	68 3/4"	68 3/4"	68 3/4"
69"	69"	69"	69"
69 1/4"	69 1/4"	69 1/4"	69 1/4"
69 1/2"	69 1/2"	69 1/2"	69 1/2"
69 3/4"	69 3/4"	69 3/4"	69 3/4"
70"	70"	70"	70"
70 1/4"	70 1/4"	70 1/4"	70 1/4"
70 1/2"	70 1/2"	70 1/2"	70 1/2"
70 3/4"	70 3/4"	70 3/4"	70 3/4"
71"	71"	71"	71"
71 1/4"	71 1/4"	71 1/4"	71 1/4"

## 5.6.2.15 - SIMPSON STRONG TIE - STUD FRAME CONNECTIONS



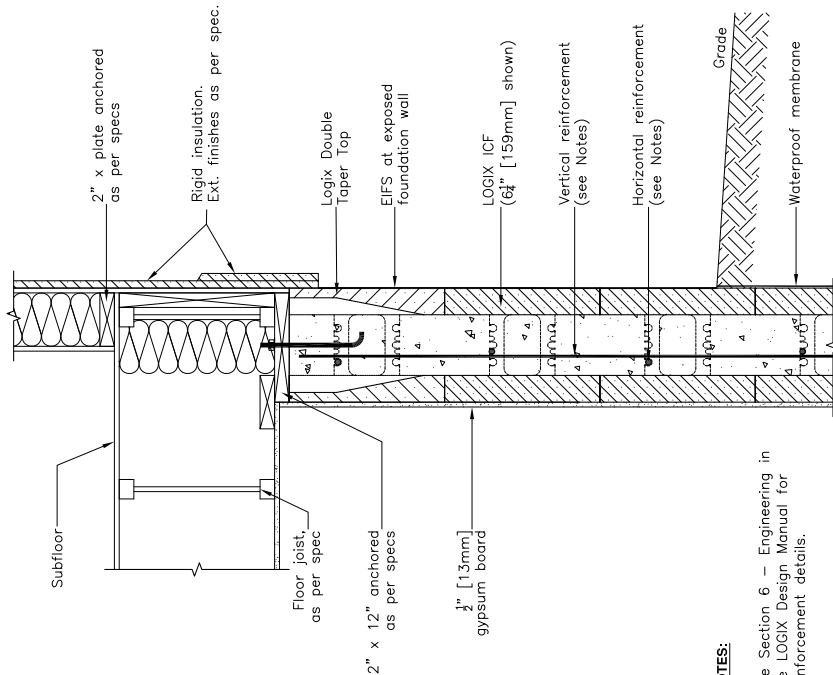
**NOTES:**  
1. For more information visit [www.strongtie.com](http://www.strongtie.com).

## 5.6.2.16 - FRAME STRAP ALTERNATIVE



**NOTES:**  
1. Final strap detail to be reviewed and approved by a local engineer.

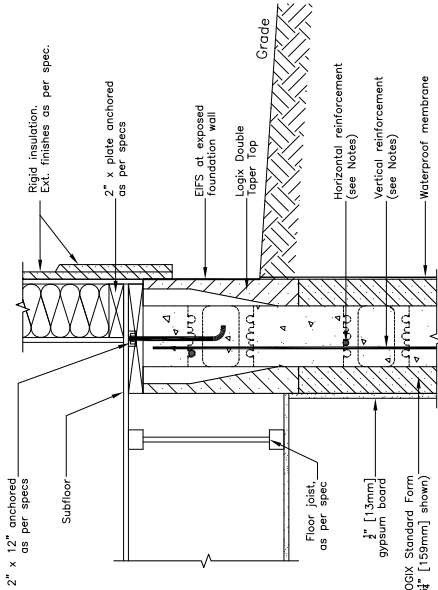
5.6.2.17 - WOOD FLOOR JOIST PARALLEL TO WALL (1 OF 2)



NOTES:

See Section 6 — Engineering in the LOGIX Design Manual for reinforcement details.

WALL (1 OF 2)

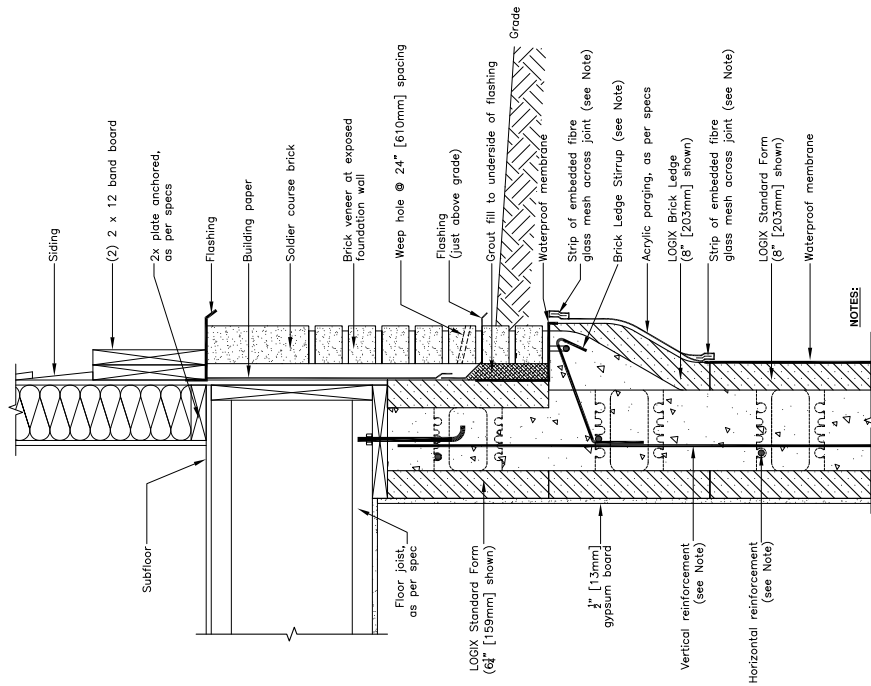


NOTES:

See Section 6 — Engineering in the LOGIX Design Manual for reinforcement details.

WALL (2 OF 2)

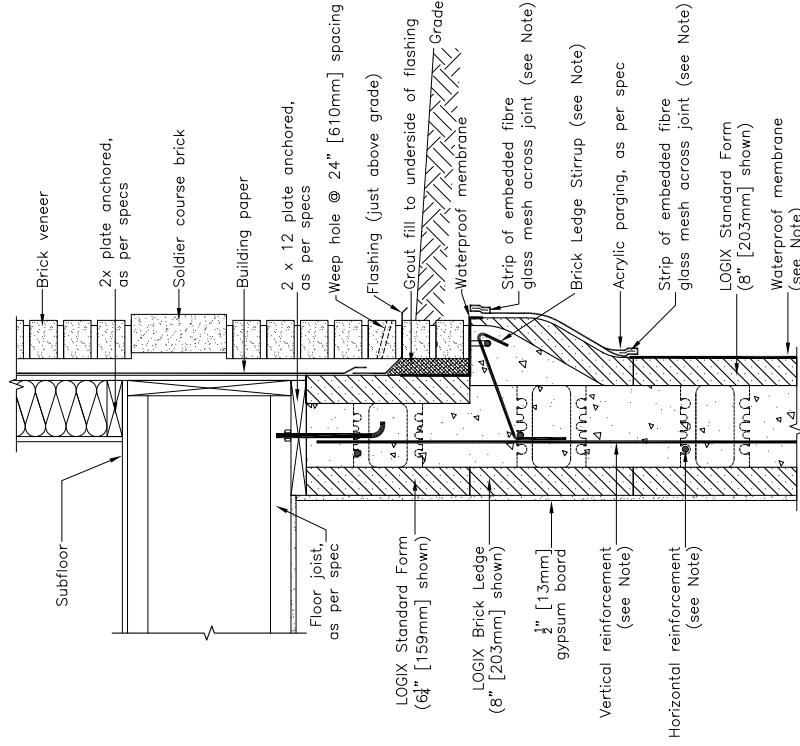
## 5.6.2.19 - BELOW-GRADE BRICK VENEER (1 OF 4)



**NOTES:**

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
2. See Drawing 5.10.19 for stirrup details for Brick Ledge Form.
3. See Drawing 5.10.44 for waterproof detail for Brick Ledge Form.
4. See Drawing 5.10.44 for waterproof detail for Brick Ledge Form.

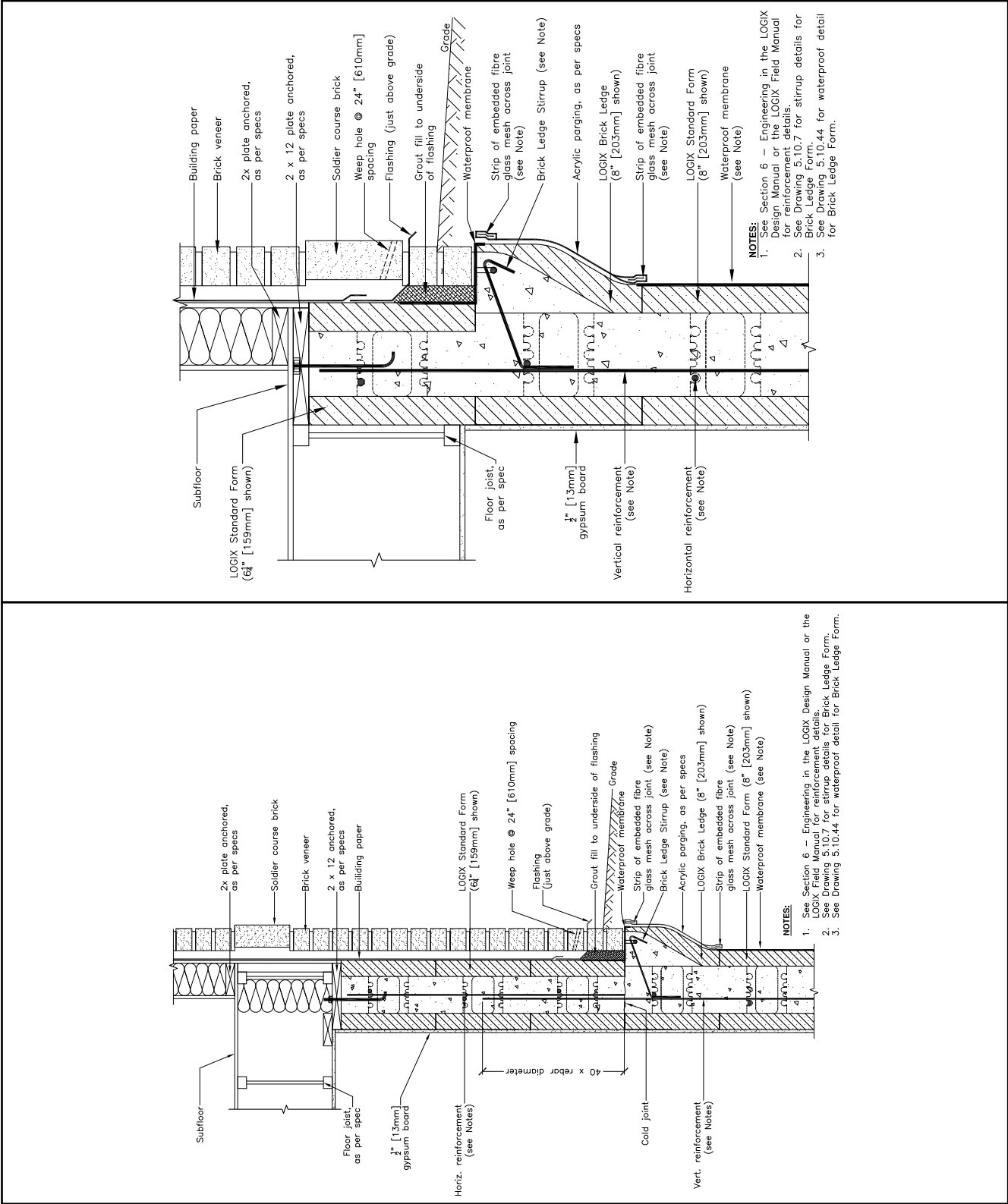
## 5.6.2.20 - BELOW-GRADE BRICK VENEER (2 OF 4)



**NOTES:**

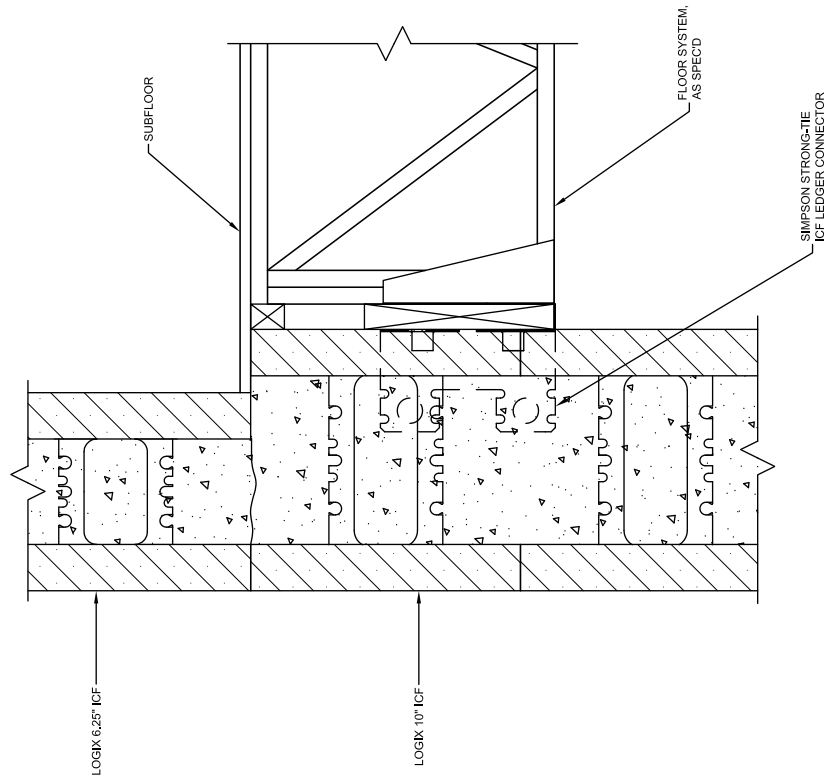
1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
2. See Drawing 5.10.7 for stirrup details for Brick Ledge Form.
3. See Drawing 5.10.44 for waterproof detail for Brick Ledge Form.

5.6.2.21 - BELOW-GRADE BRICK VENEER (3 OF 4) 5.6.2.22 - BELOW-GRADE BRICK VENEER (4 OF 4)

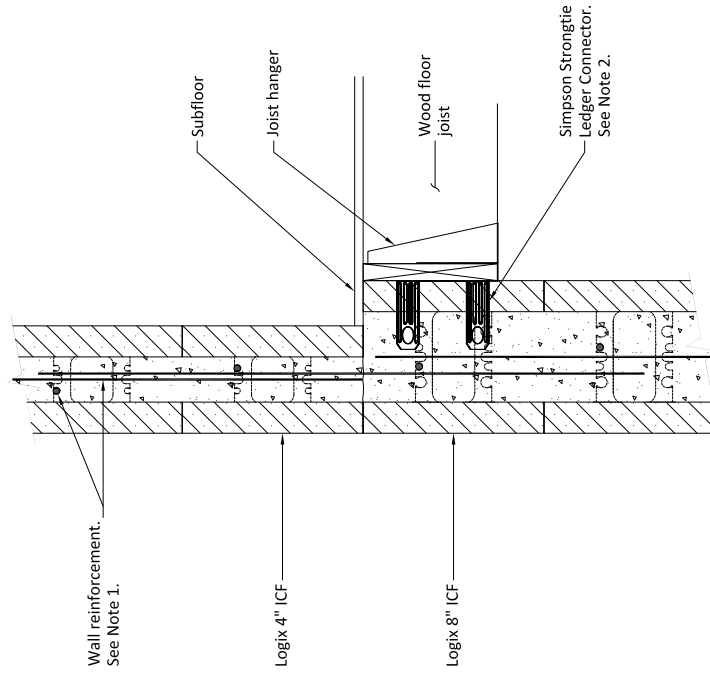


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.6.2.23 - 10" TO 6.25" LOGIX WALL TRANSITION



## 5.6.2.24 - 8" TO 4" LOGIX WALL TRANSITION



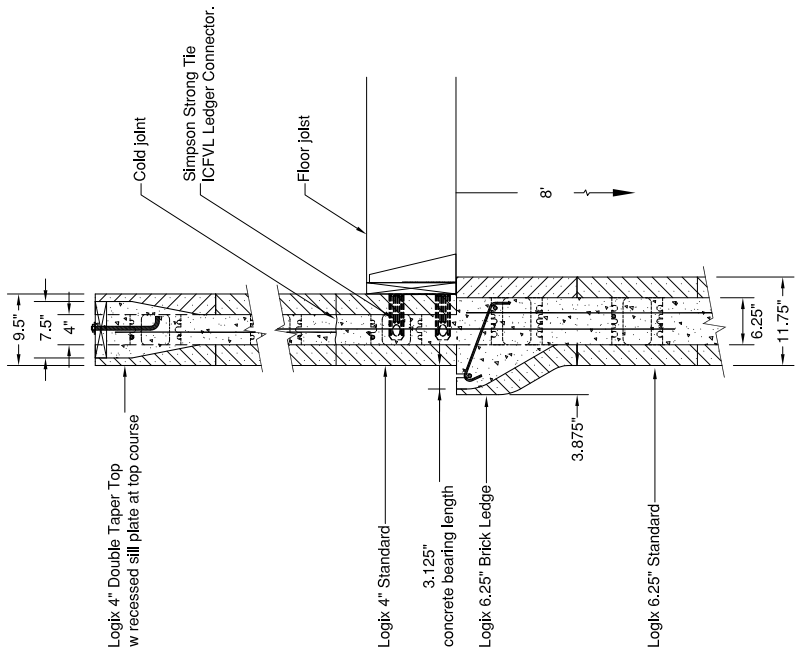
### NOTES:

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.
2. For spacing of Simpson Strongtie ICF Ledger Connection Systems refer to Section 2.12.4 of the LOGIX Design Manual.

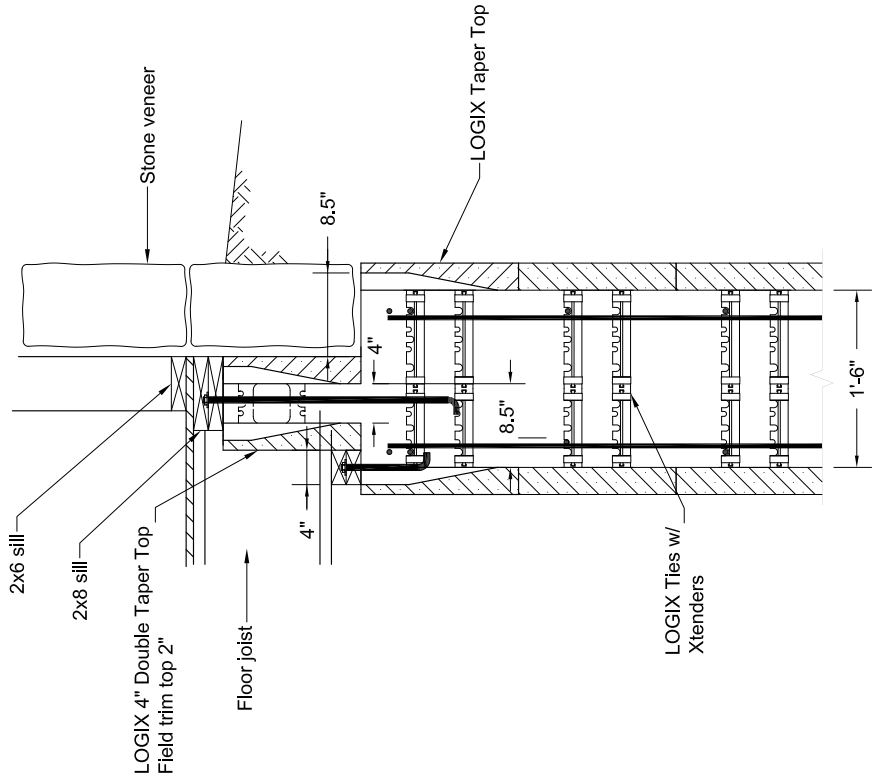
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



5.6.2.25 - 6.25" TO 4" LOGIX WALL  
TRANSITION

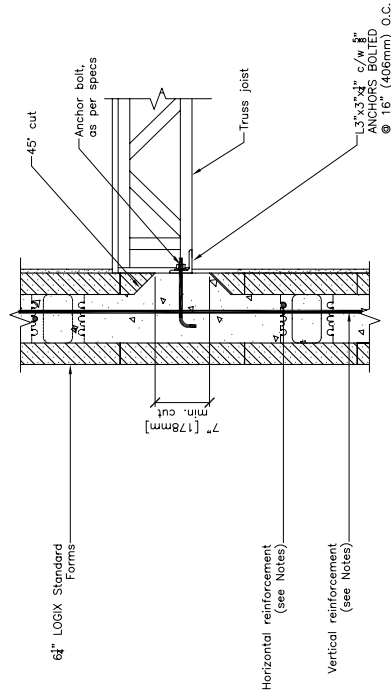


5.6.2.26 - STONE VENEER

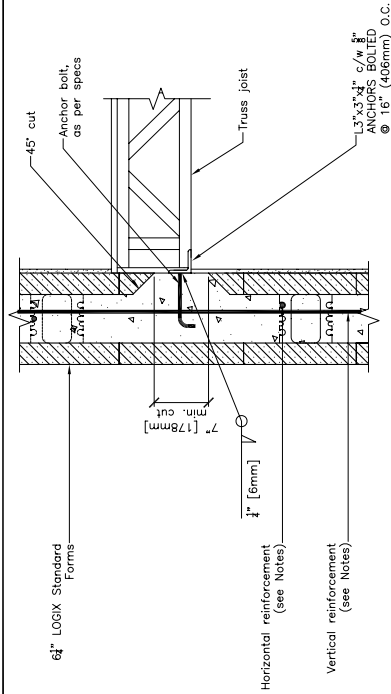


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.6.2.27 - ANGLE IRON LEDGER



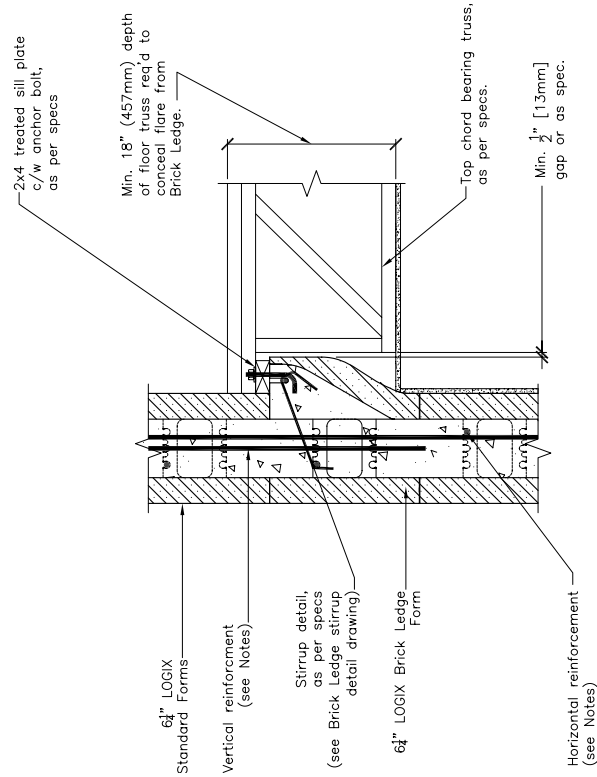
**BOLTED ANGLE SEAT DETAIL**



**WELDED ANGLE SEAT DETAIL**

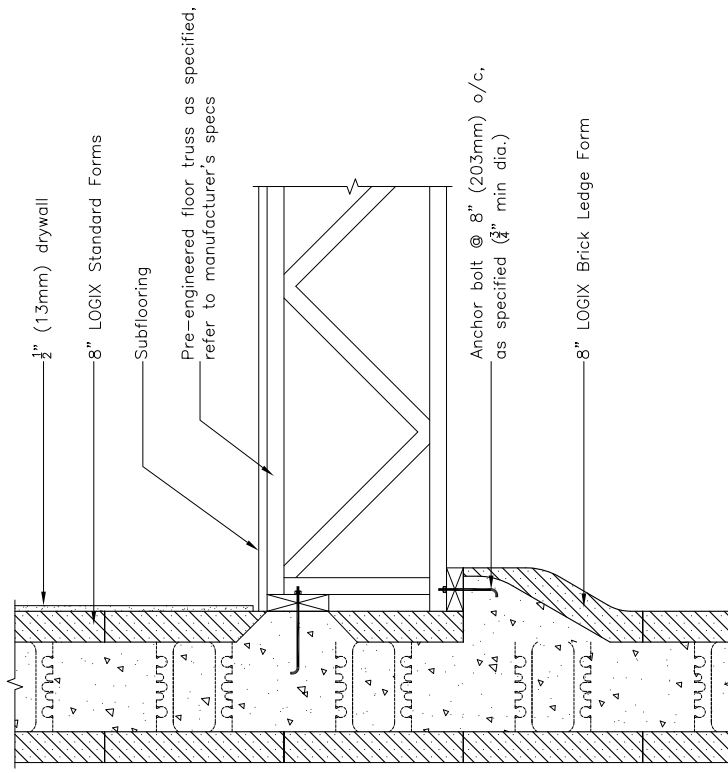
**NOTES:**  
See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

## 5.6.2.28 - BRICK LEDGE WITH TOP CHORD BEARING



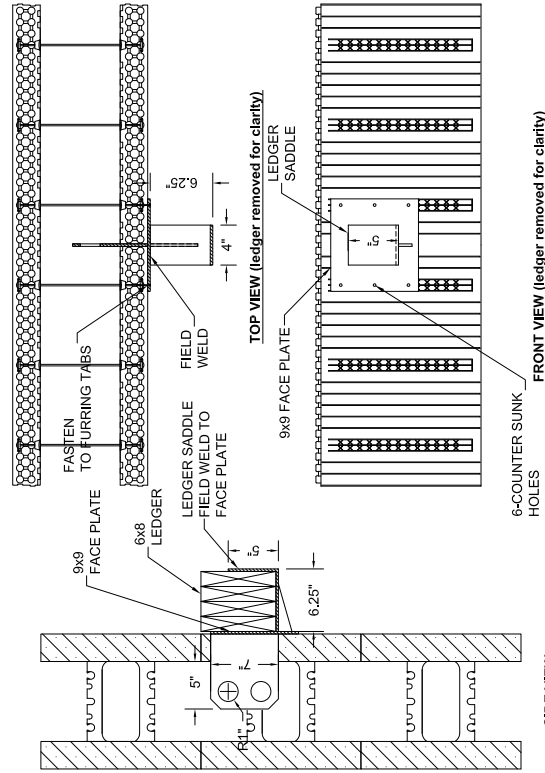
**NOTES:**  
See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

## 5.6.2.29 - BOTTOM CHORD BEARING TRUSS



1000-1-12-10

## 5.6.2.30 - LEDGER SADDLE

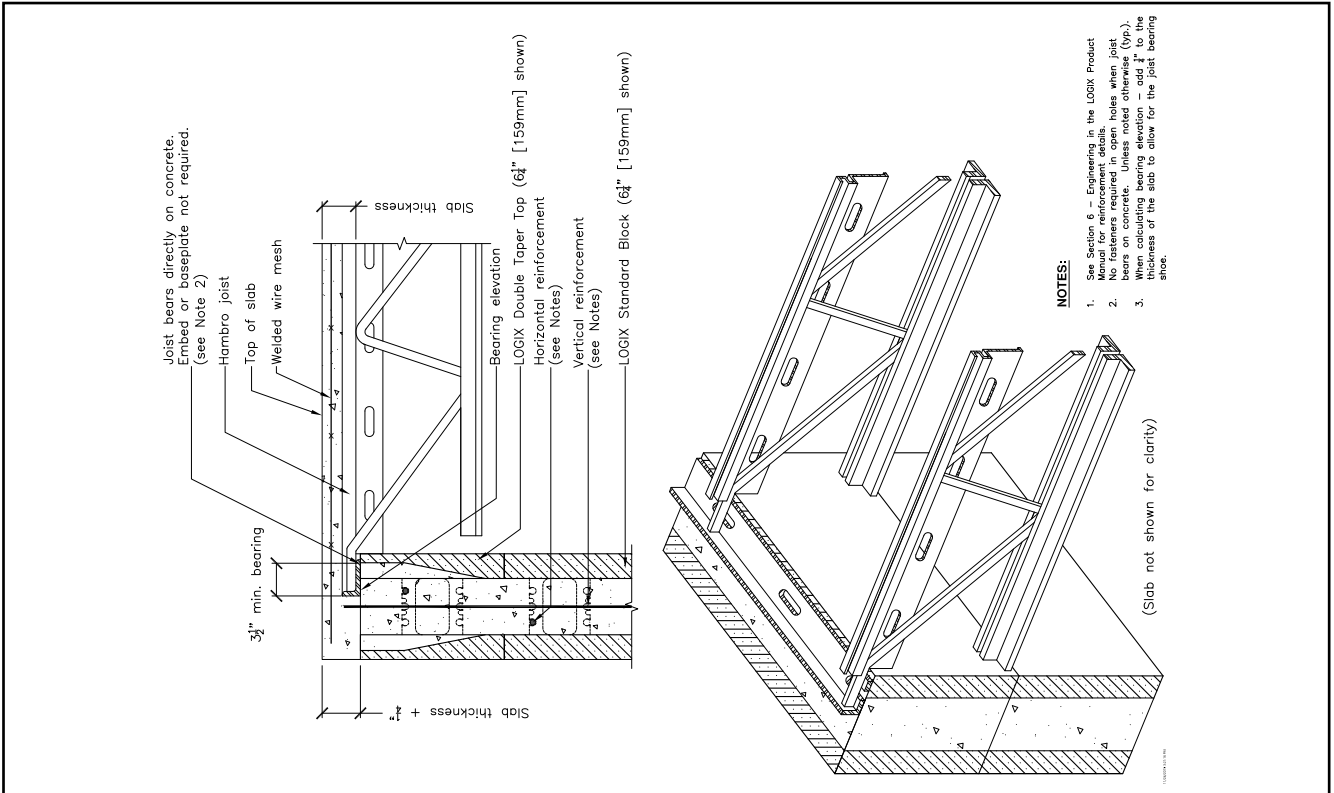


**NOTES:**  
PRELIMINARY ONLY. FINAL DESIGN OF LEDGER SUPPORT TO BE REVIEWED AND APPROVED BY A LICENSED ENGINEER.

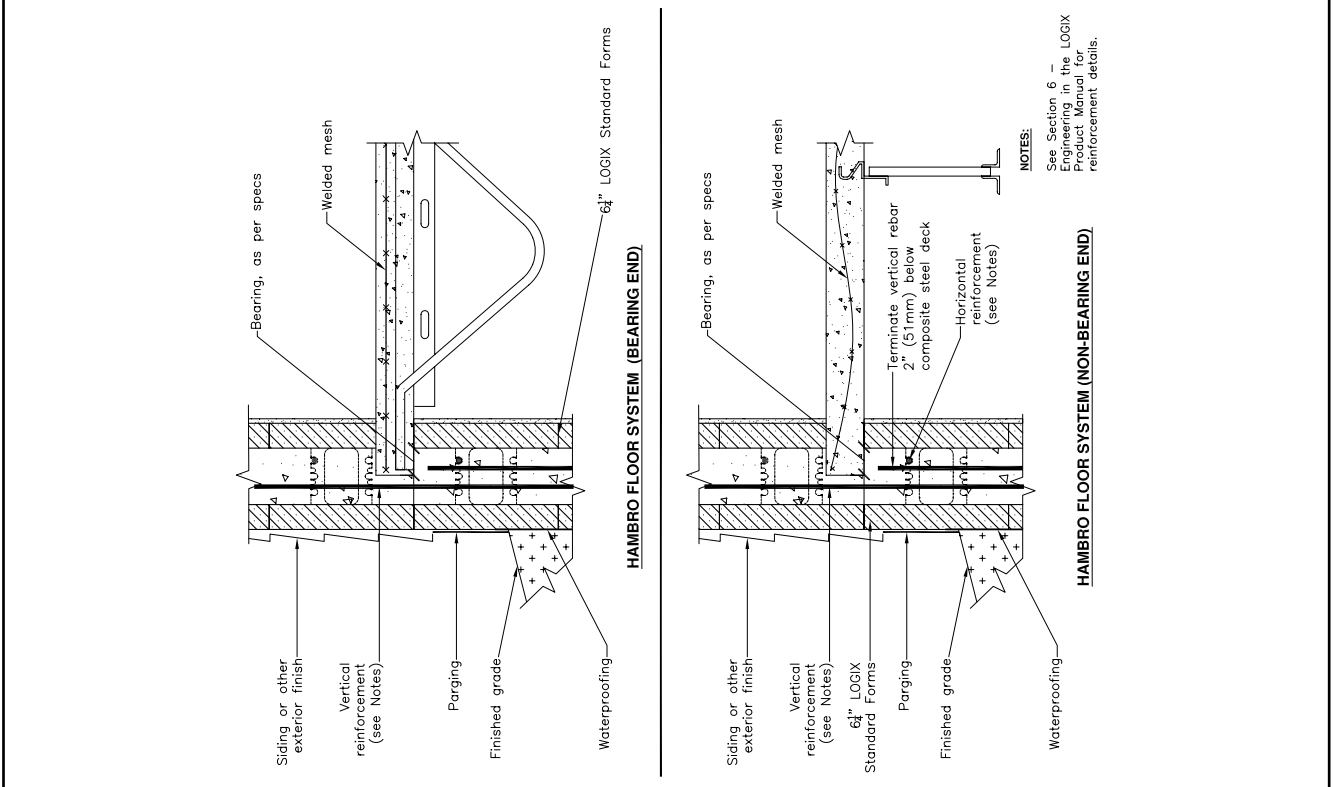
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.6.3 - STEEL JOISTS

### 5.6.3.2 - HAMBRO JOISTS BUTTED UP AGAINST LOGIX

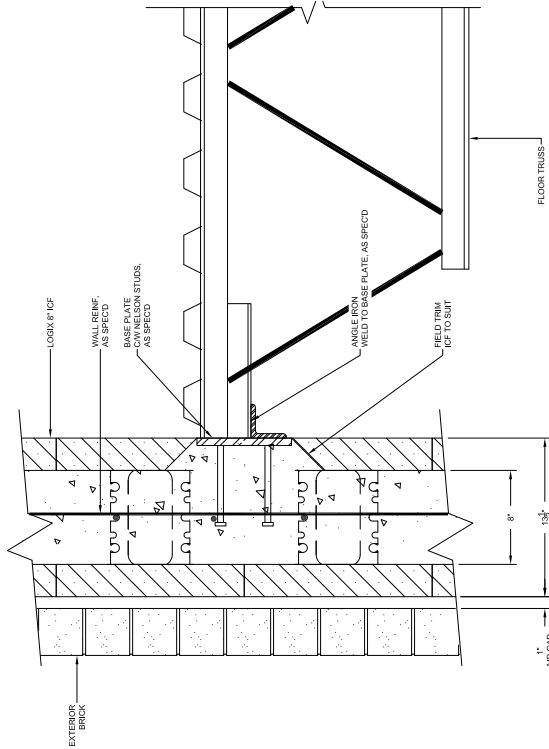


### 5.6.3.1 - HAMBRO FLOOR

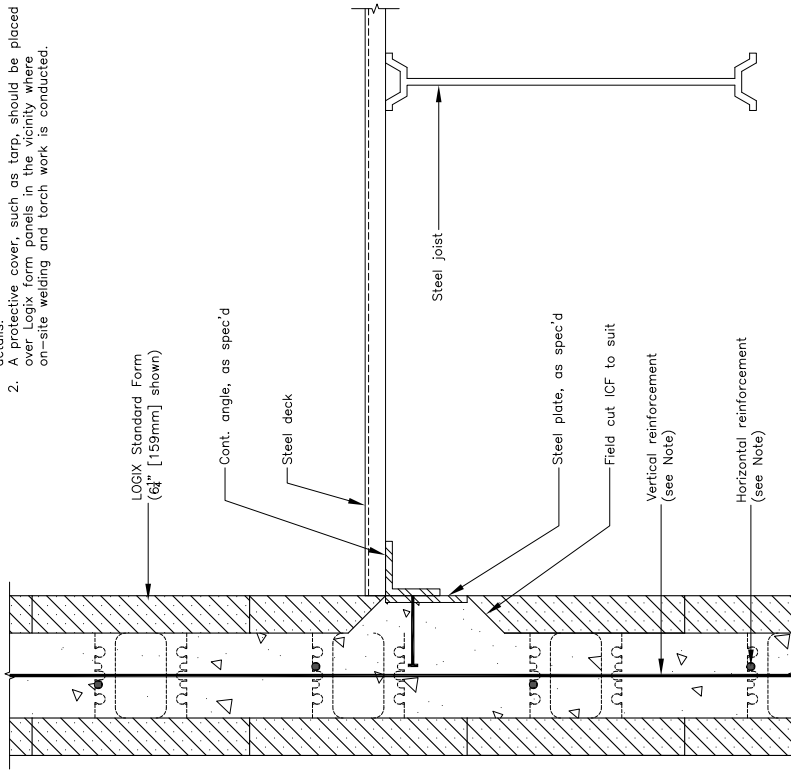


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.6.3.3 - STEEL DECK ON OPEN WEB STEEL JOIST (BEARING END)



### 5.6.3.4 - STEEL DECK ON OPEN WEB STEEL JOIST (NONBEARING END)

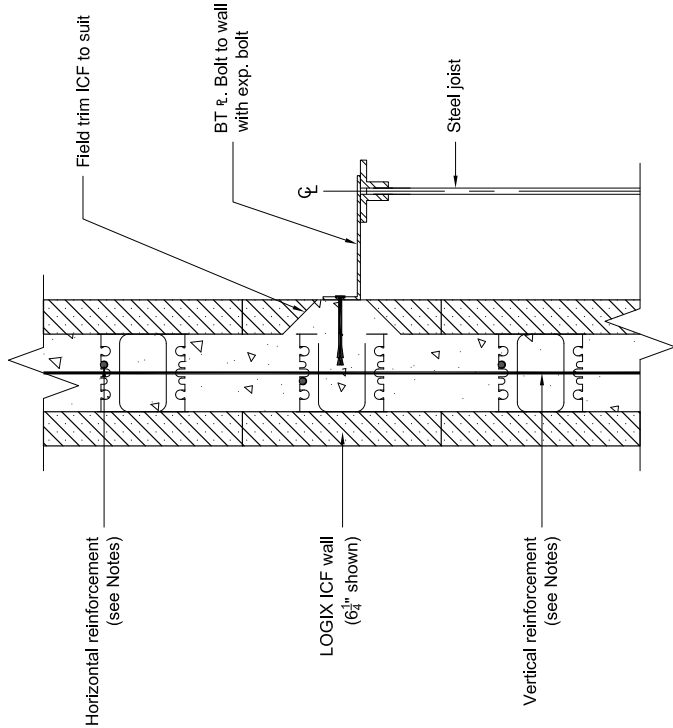


**NOTES:**

1. See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
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.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

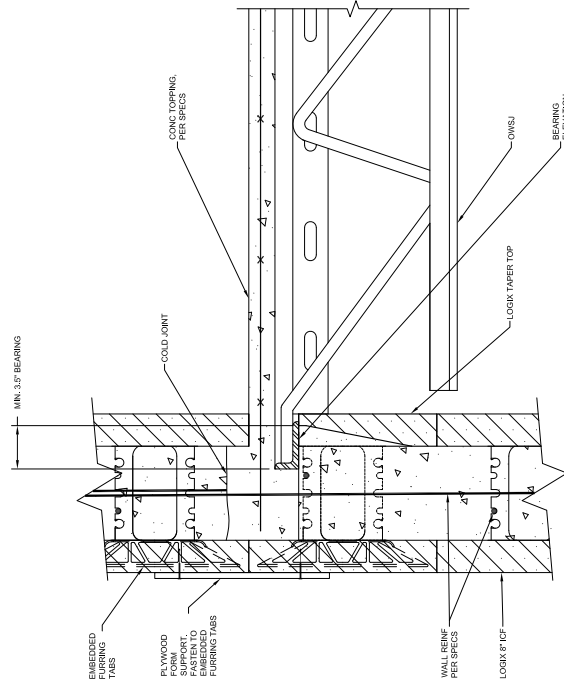
### 5.6.3.5 - STEEL ANGLE TO JOIST



#### NOTES:

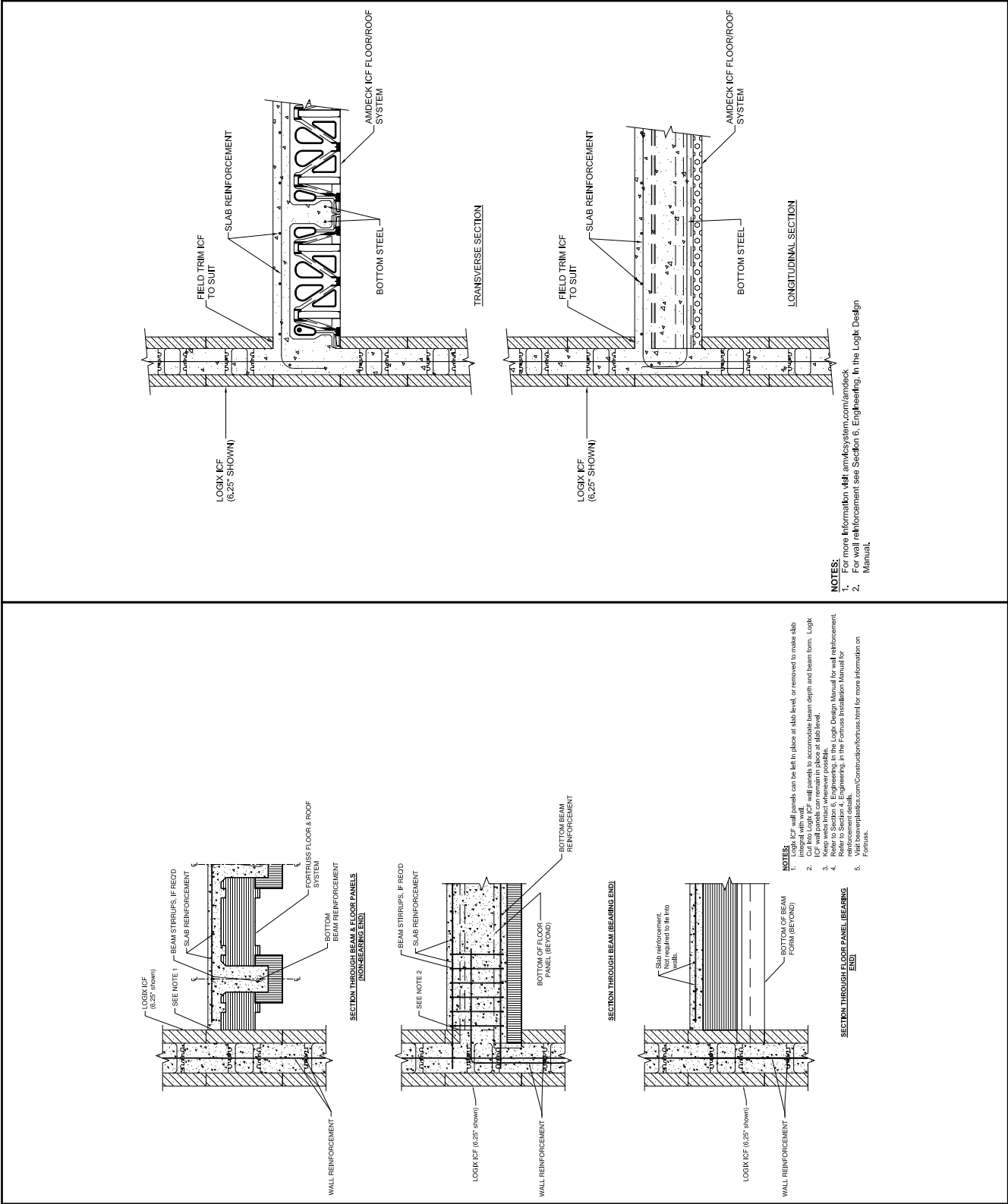
1. See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
2. A protective cover, such as tarp, should be placed over Logix form panels in the vicinity where on-site welding and torch work is conducted.

### 5.6.3.6 - OPEN WEB STEEL JOIST FORM SUPPORT AT FLOOR TRANSITION



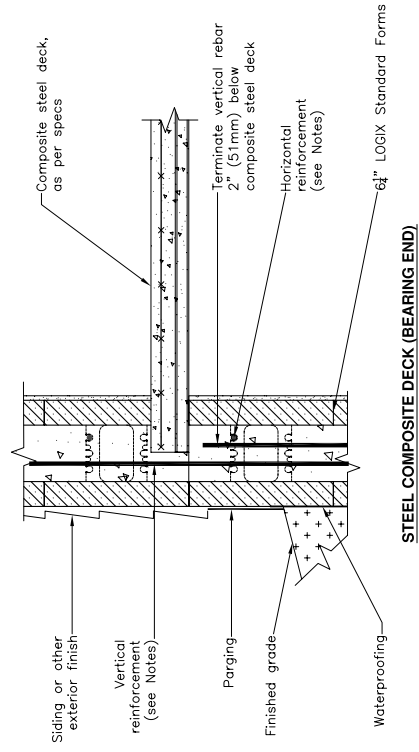
## 5.6.4.1 - FORTRUSS FLOOR & ROOF SYSTEM

## 5.6.4.2 - AMDECK FLOOR & ROOF SYSTEM

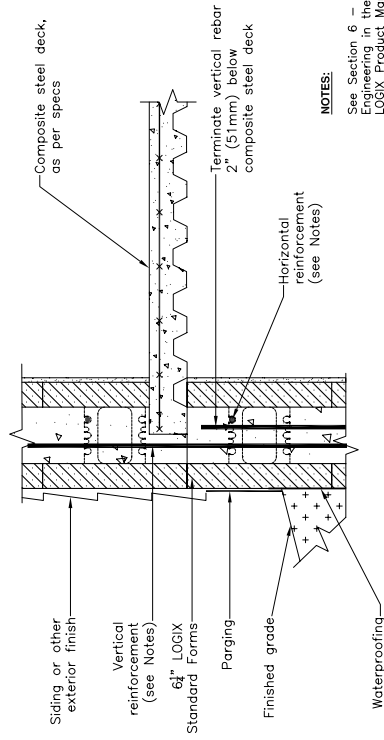


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.6.4.3 - STEEL COMPOSITE DECK



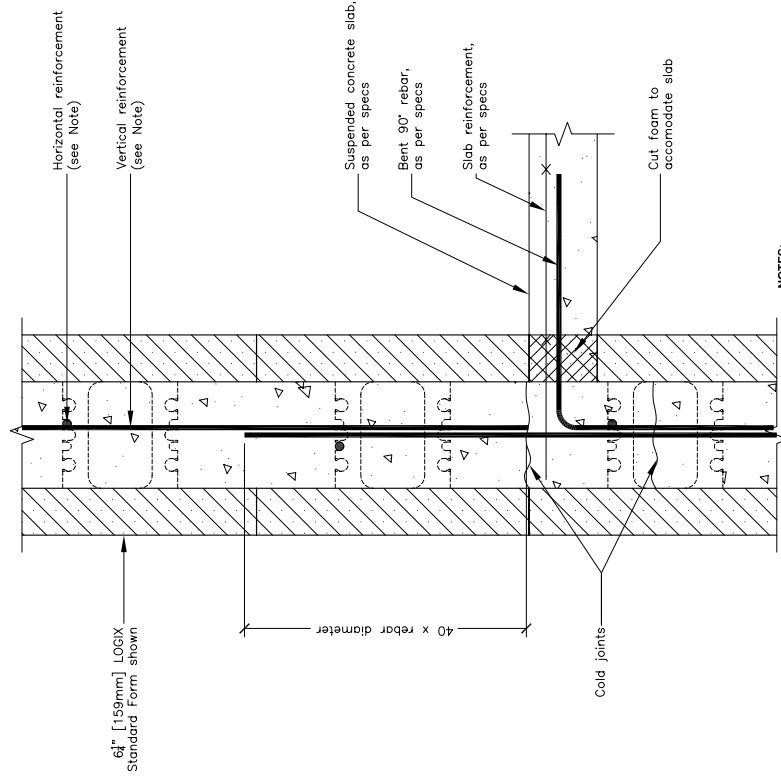
**STEEL COMPOSITE DECK (BEARING END)**



**STEEL COMPOSITE DECK (NON-BEARING END)**

**NOTES:**  
See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

### 5.6.4.4 - SLAB DOWEL TO ICF



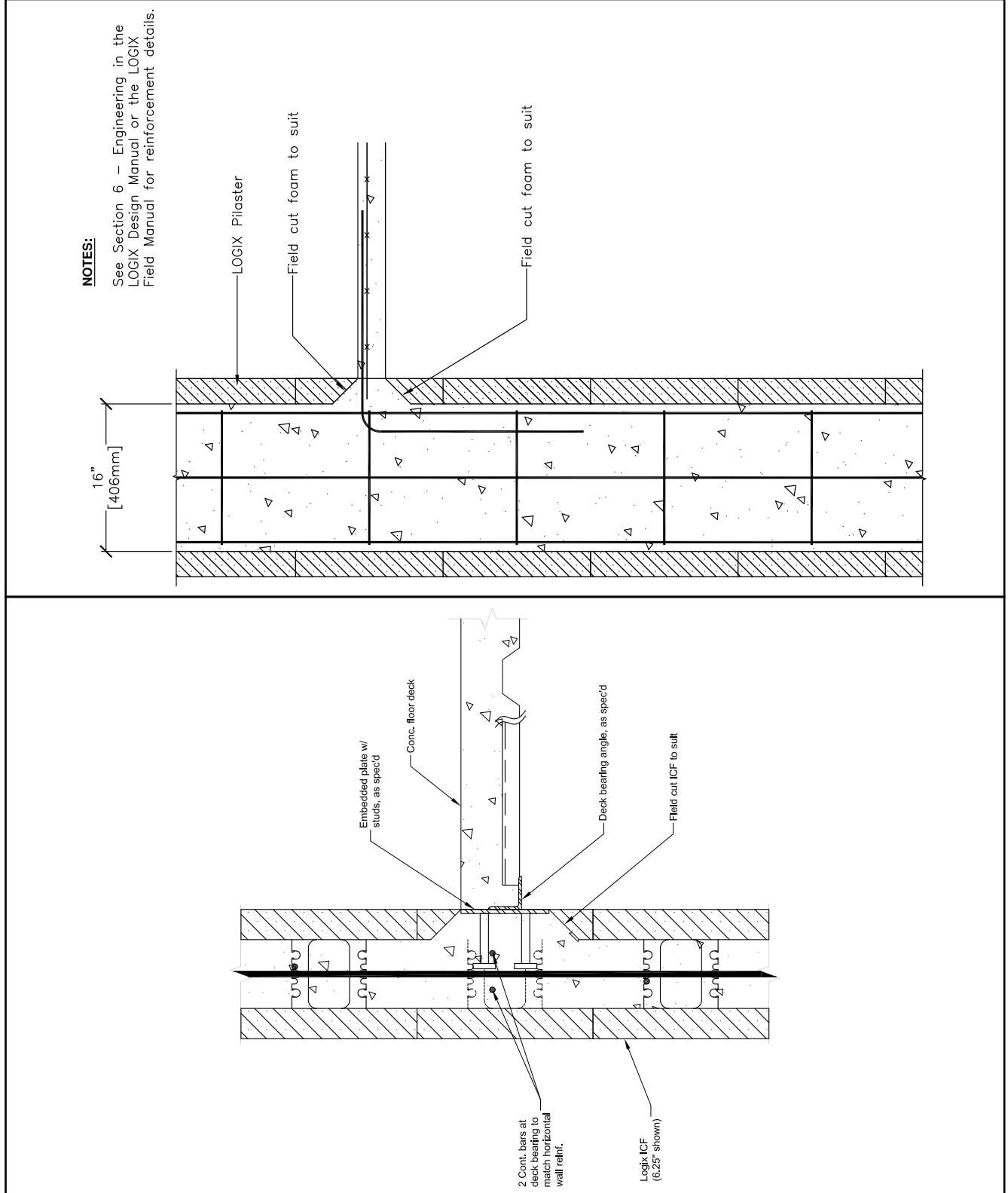
**NOTES:**  
See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## 5.6.4.5 - SLAB WITH ANGLE IRON CONNECTION

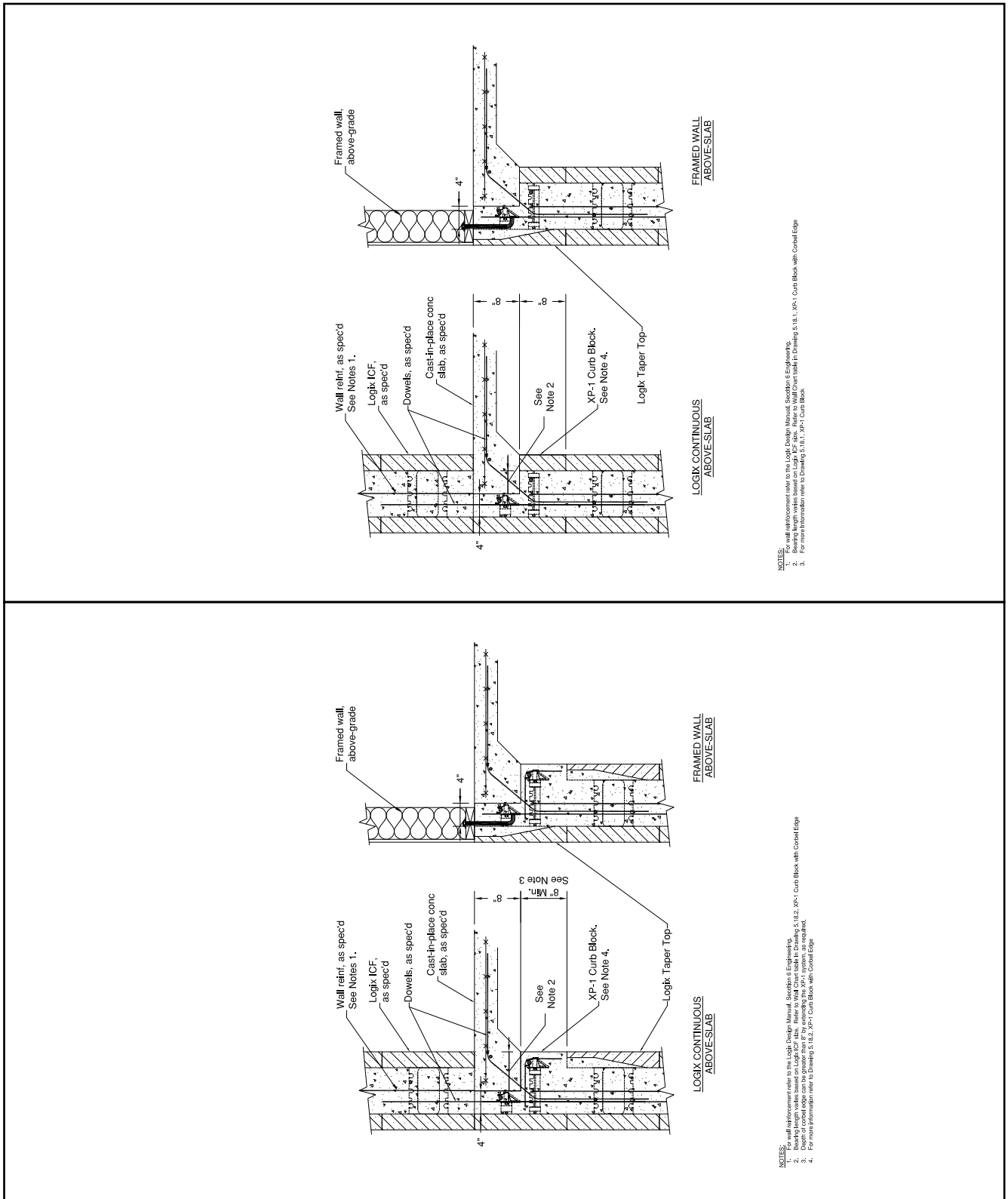
## 5.6.4.6 - INTEGRAL SLAB TO LOGIX PILASTER



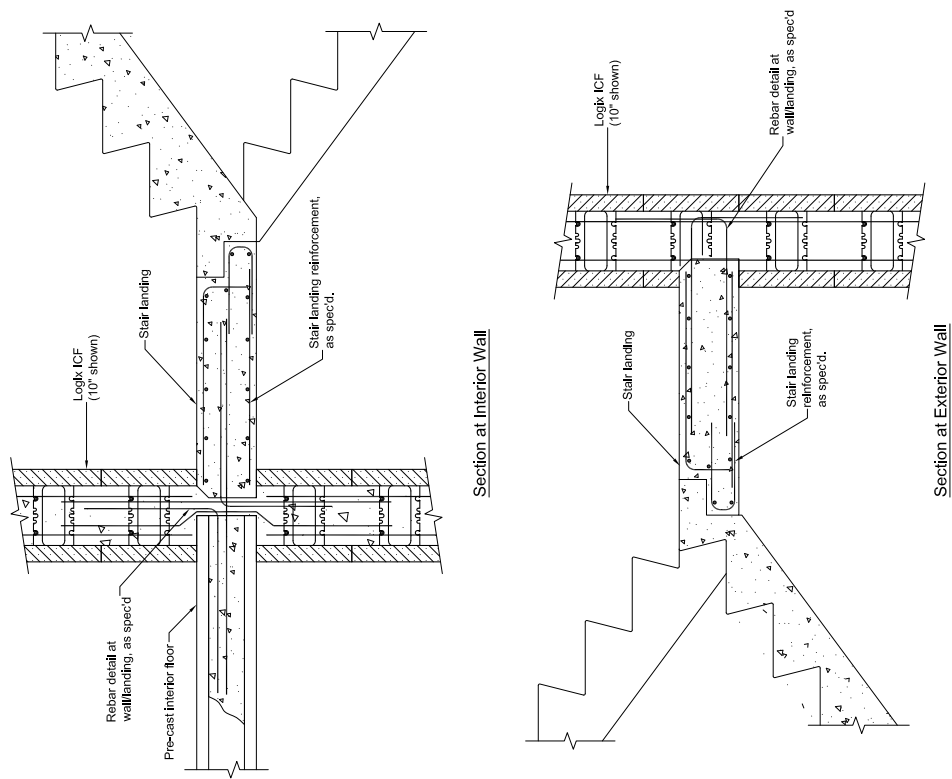
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.6.4.7 - CAST-IN-PLACE SLAB WITH XP-1 CURB BLOCK WITH CORBEL LEDGE

## 5.6.4.8 - CAST-IN-PLACE SLAB WITH XP-1 CURB BLOCK



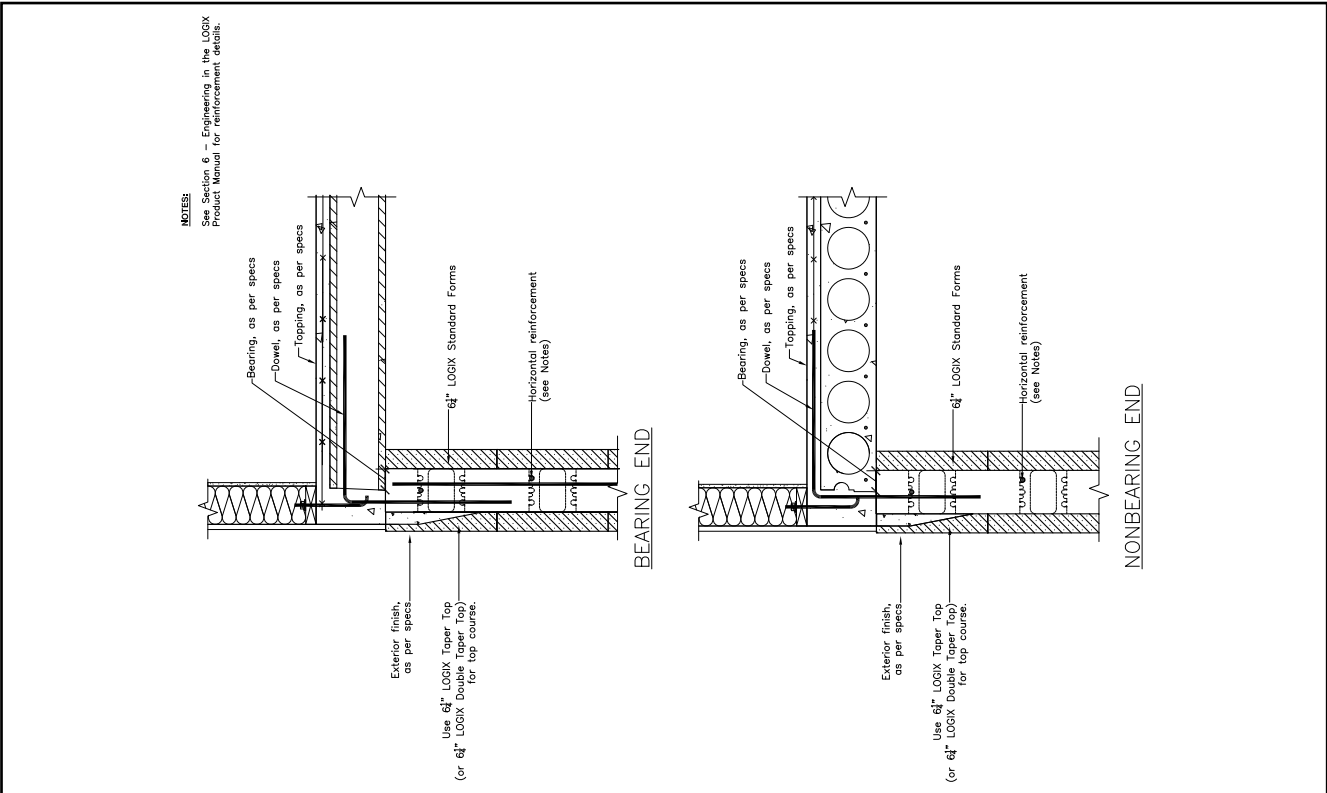
## 5.6.4.9 - STAIR LANDING



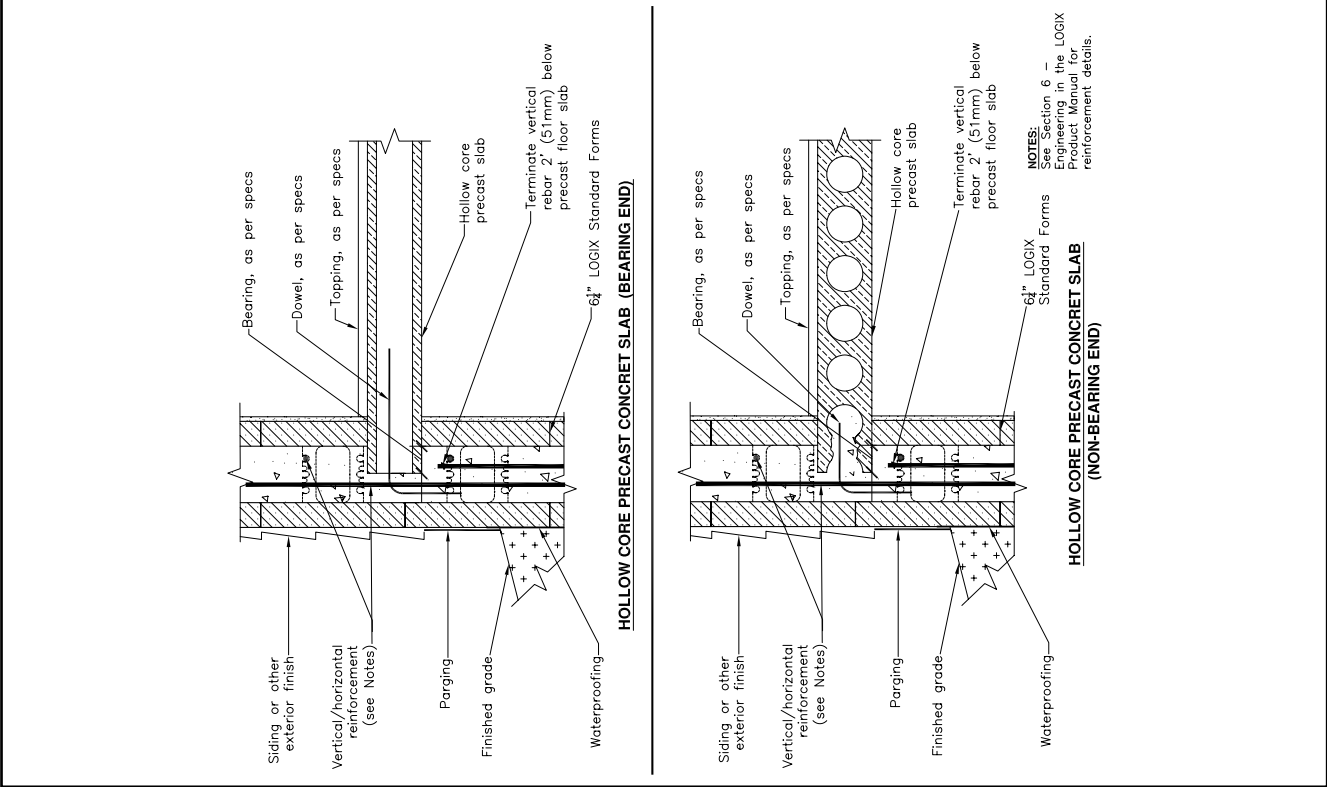
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

# 5.6.5 - PRE-CAST SLABS

## 5.6.5.2 - HOLLOW CORE SLAB WITH FRAMED WALL



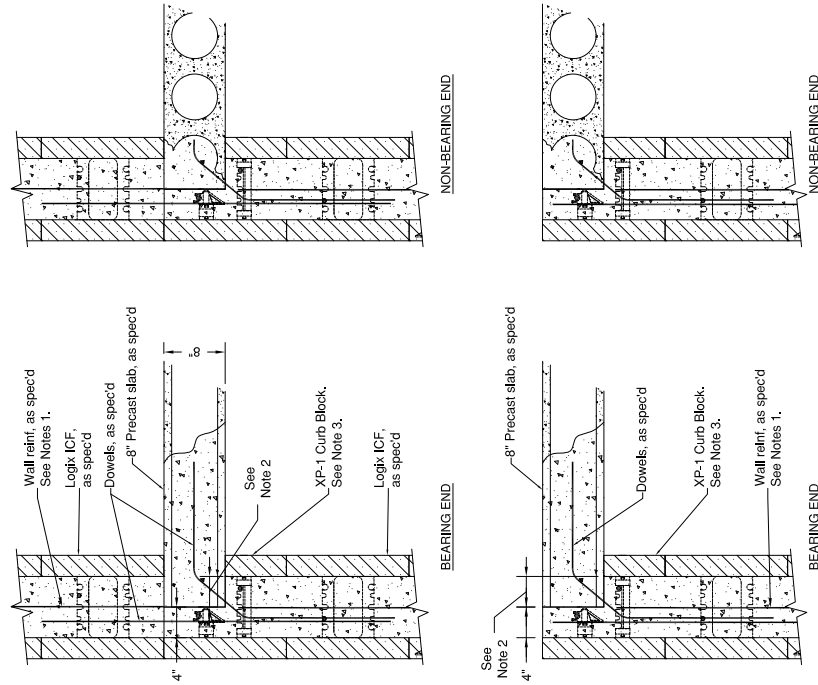
## 5.6.5.1 - HOLLOW CORE SLAB



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

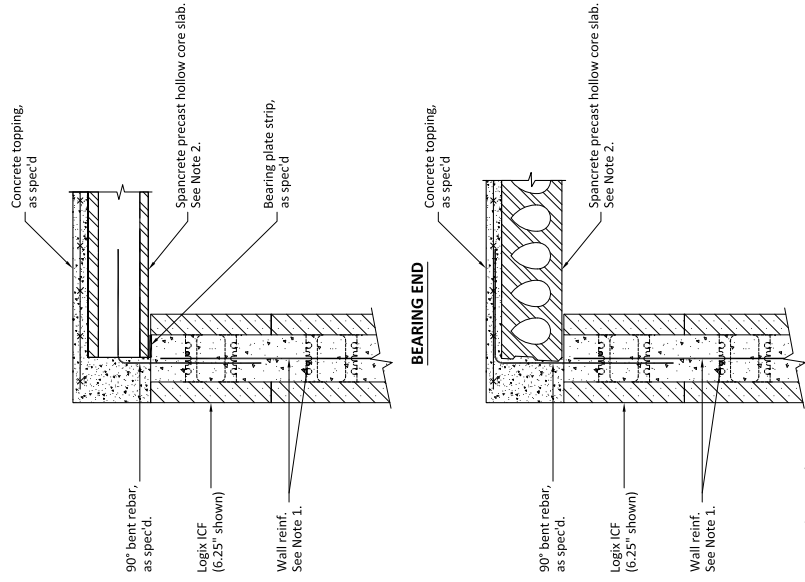


## 5.6.5.5 - HOLLOW CORE SLAB WITH XP-1 CURB BLOCK



- NOTES:**
1. For wall attachment refer to the Logix Design Manual, Section 6, Engineering.
  2. For wall attachment refer to the Logix Design Manual, Section 6, Engineering.
  3. For wall attachment refer to the Logix Design Manual, Section 6, Engineering.

## 5.6.5.6 - SPANCRETE TOPPING FLUSH TO LOGIX



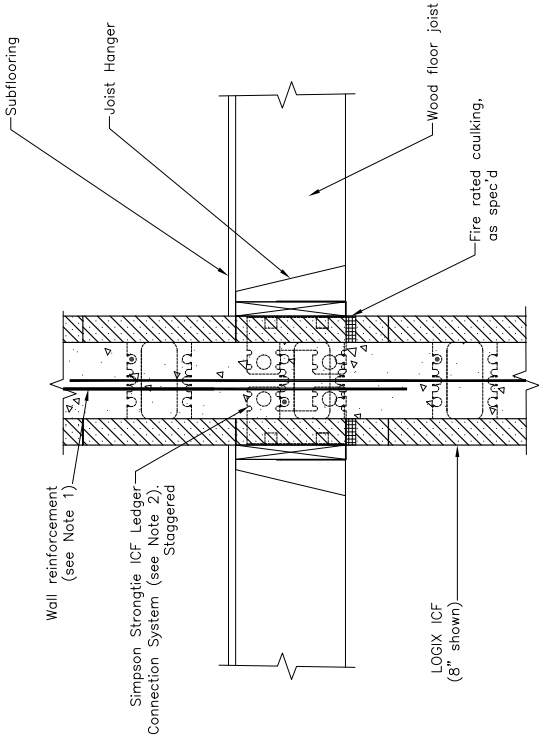
- NOTES:**
1. Refer to Logix Design Manual, Section 6, for Logix prescriptive engineering.
  2. Follow Spancrete installation and design recommendations.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.7 - FLOOR CONNECTIONS AT INTERIOR WALL

5.7.1.1 - PARTY WALL WITH FIRE STOP

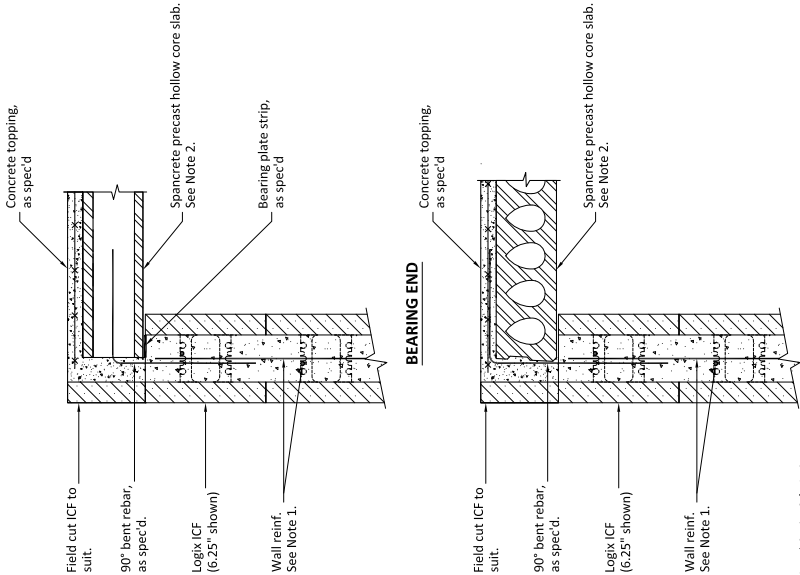
5.7.1 - WOOD JOISTS



NOTES:

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details. For spacing of Simpson Strongtie ICF Ledger Connection Systems refer to Section 2.12.4 of the LOGIX Design Manual. Ensure ICF Ledger Connection staggered on both sides of wall, and no rebar is in contact with the ICF Ledger connection.
- 2.

5.6.5.7 - SPANCRETE TOPPING FLUSH TO INSIDE FACE OF LOGIX



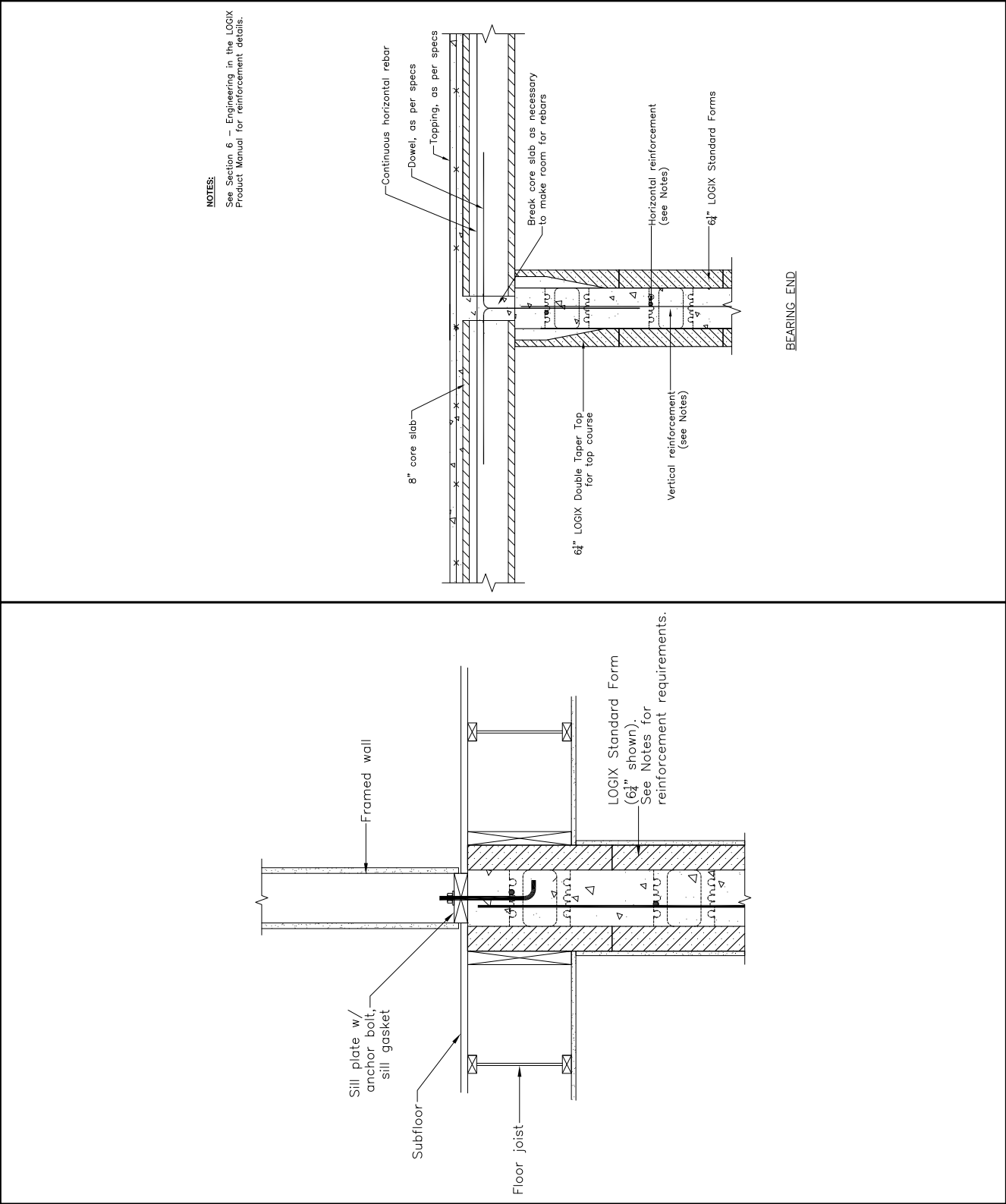
- NOTES:
1. Refer to Logix Design Manual, Section 6, for Logix prescriptive engineering.
  2. Follow Spancrete installation and design recommendations.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.7.2 - PRE-CAST SLABS

5.7.1.2 - NON-LOAD BEARING DEMISING WALL

5.7.2.1 - HOLLOW CORE SLAB ON DOUBLE TAPER TOP

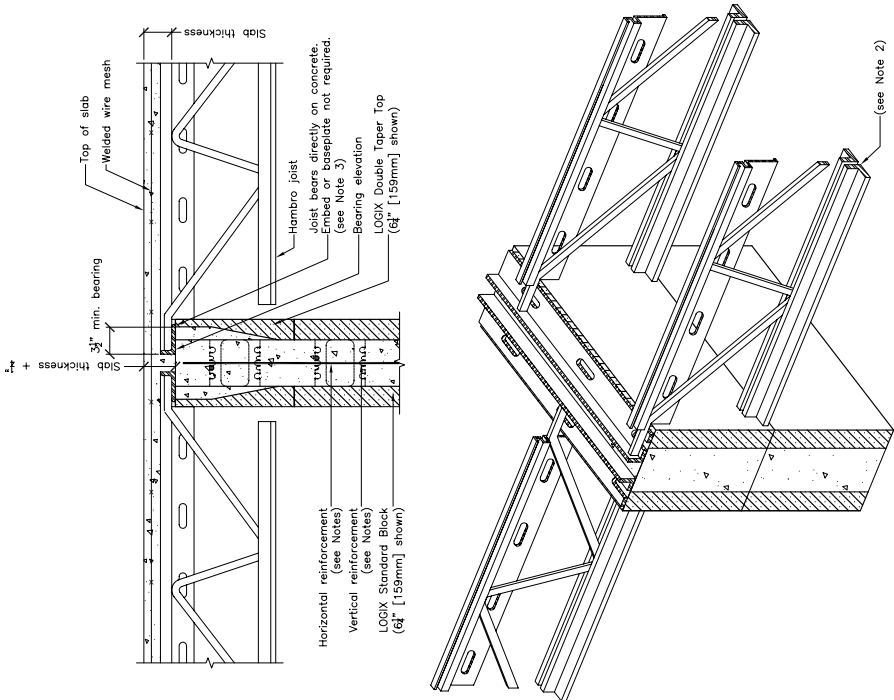


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



### 5.7.3 - STEEL JOISTS

#### 5.7.3.1 - HAMBRO JOIST BUTTED UP AGAINST LOGIX



NOTES:

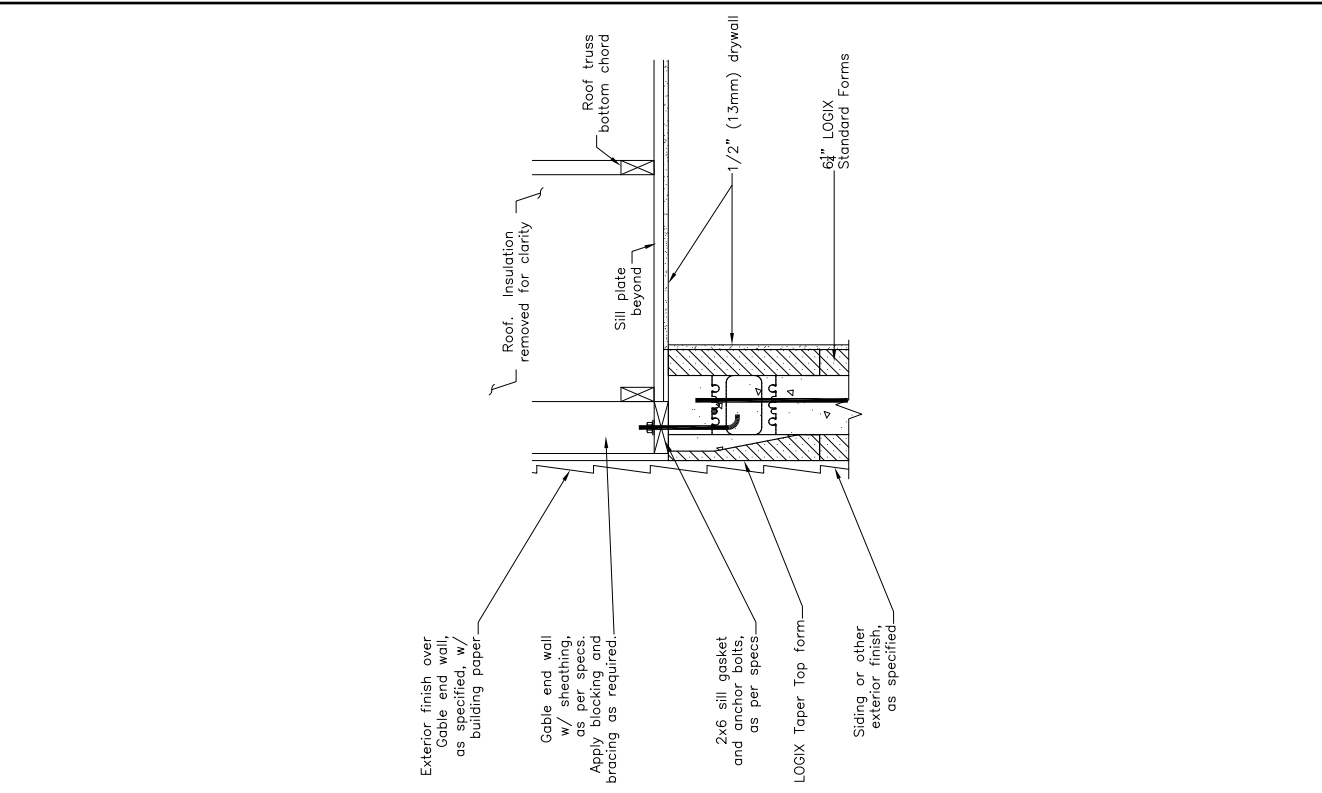
- 1. See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.
- 2. No fasteners required in open holes when joist bears on concrete. Unless noted otherwise (typ.).
- 3. No fasteners required in open holes when joist bears on concrete. Unless noted otherwise (typ.).
- 4. When calculating bearing elevation – add 1/4" to the thickness of the slab to allow for the joist bearing shoe.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

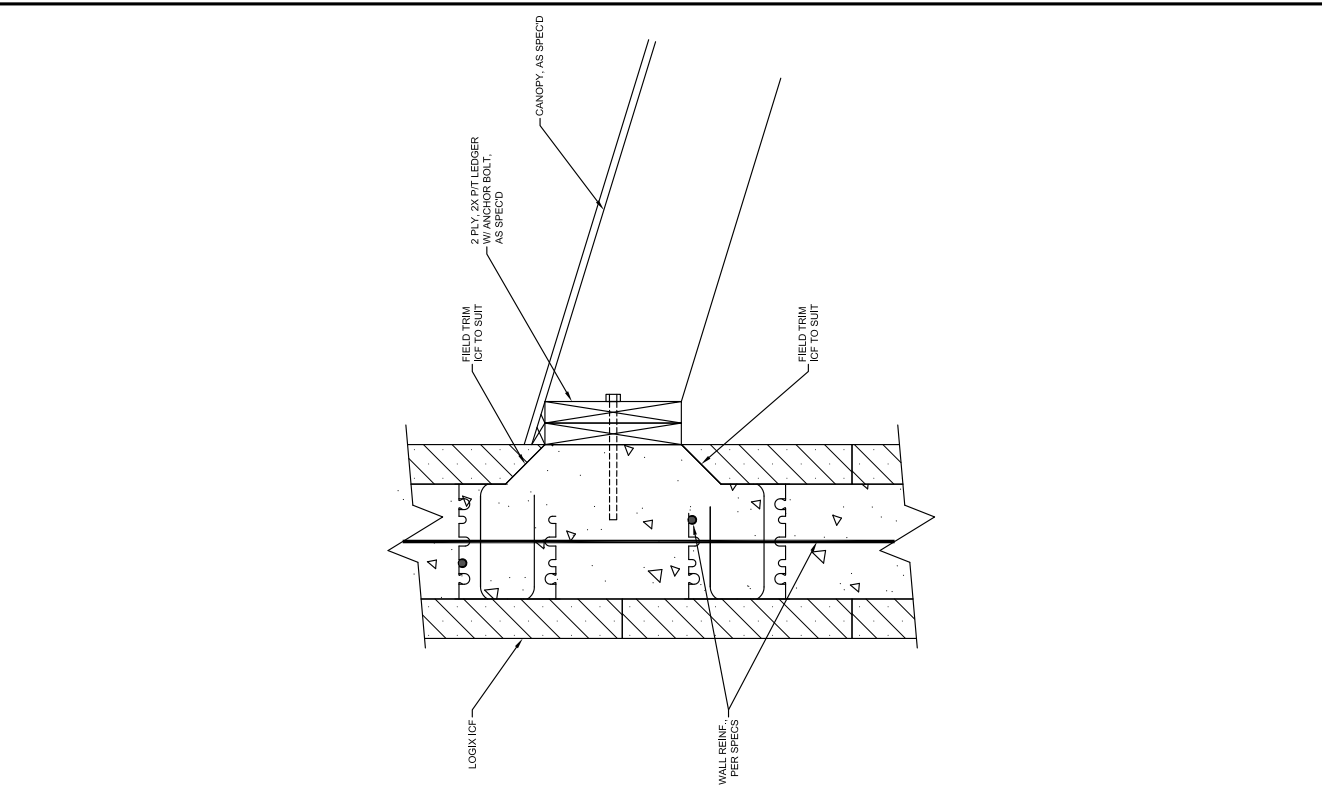
# 5.8 - ROOF & PARAPETS AT EXTERIOR WALL

## 5.8.1 - WOOD

### 5.8.1.2 - GABLE WALL END



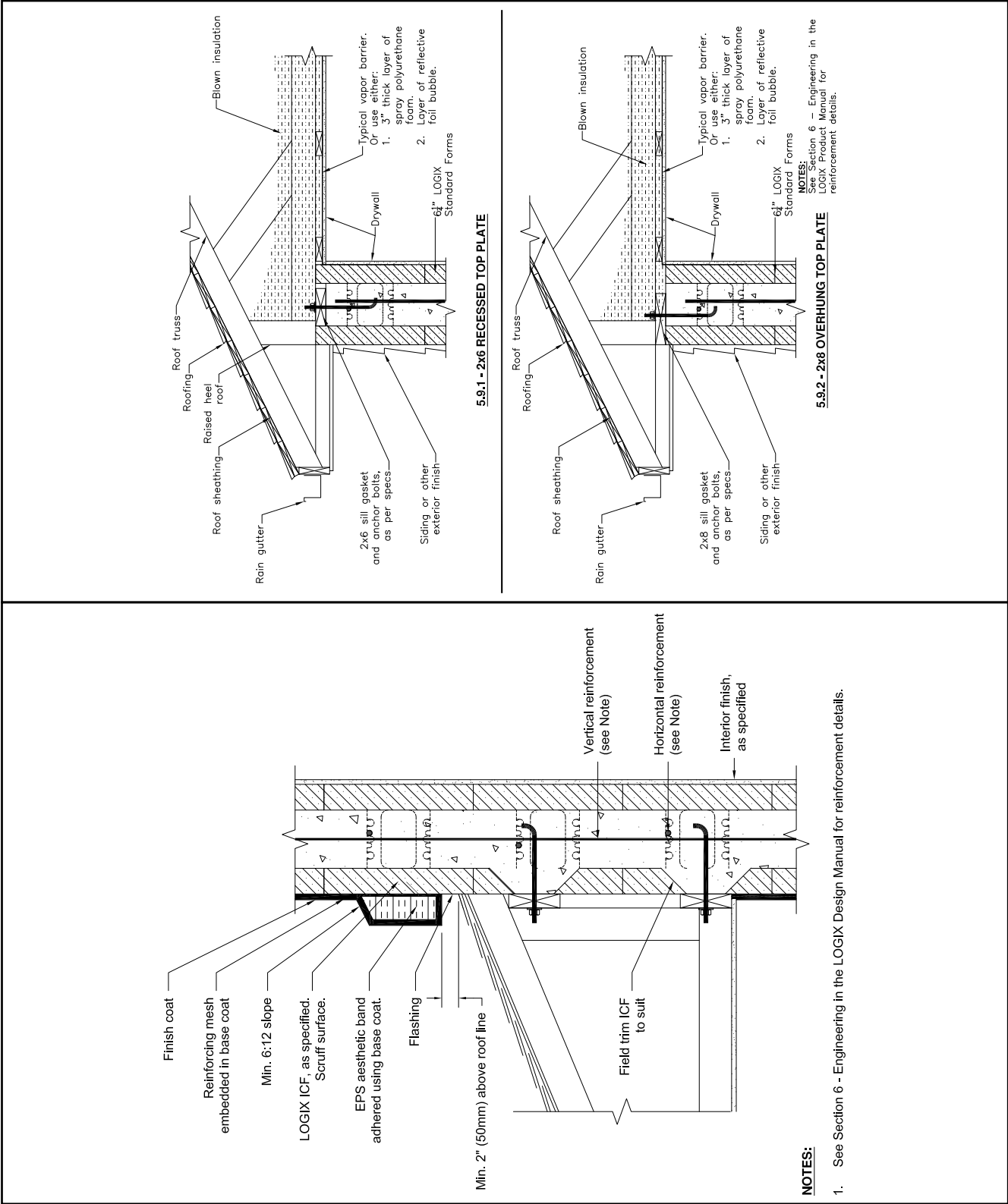
### 5.8.1.1 - CANOPY FRAMING



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

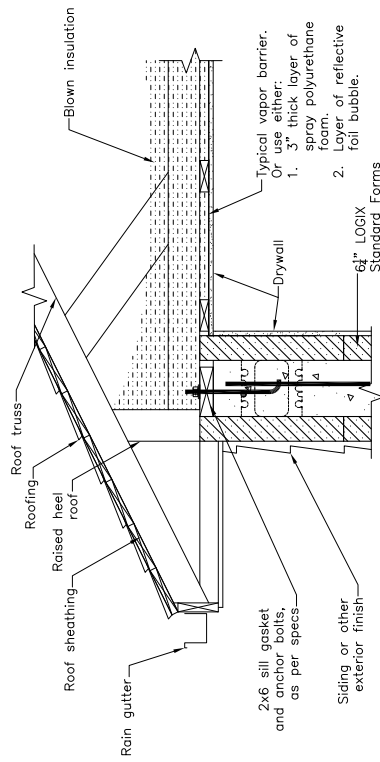
### 5.8.1.3 - SLOPE ROOF/WALL INTERSECTION

### 5.8.1.4 - 2X6 RECESSED TOP PLATE

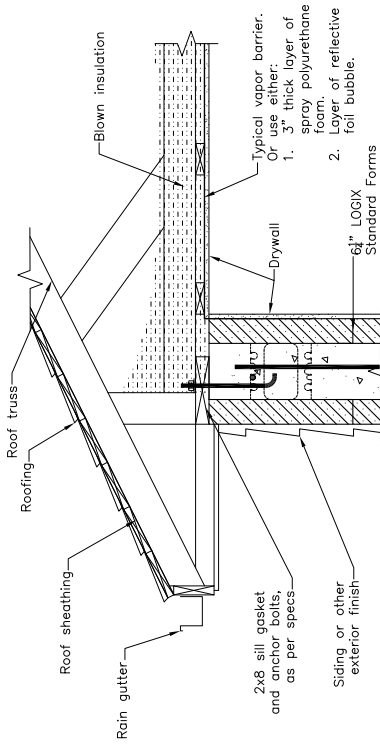


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.8.1.1.5 - 2X8 OVERHUNG TOP PLATE



5.9.1 - 2X6 RECESSED TOP PLATE

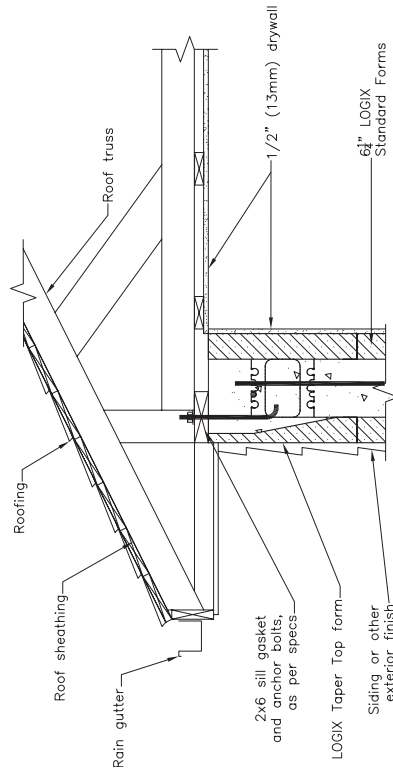


NOTES:  
See Section 6 - Engineering in the LOGIX Product Manual for reinforcement details.

5.9.2 - 2X8 OVERHUNG TOP PLATE

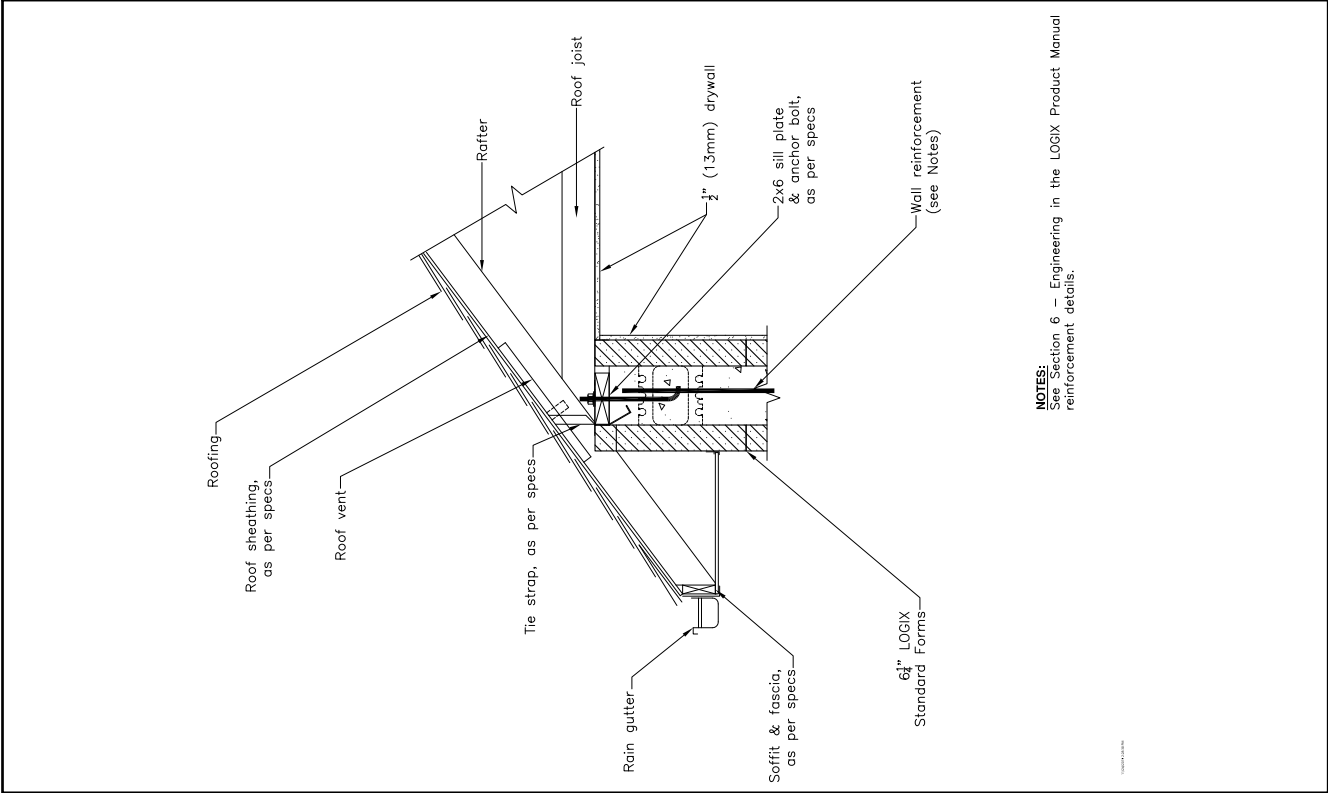
NOTES:  
See Section 6 - Engineering in the LOGIX Product Manual for reinforcement details.

## 5.8.1.1.6 - 2X6 WITH LOGIX TAPER TOP

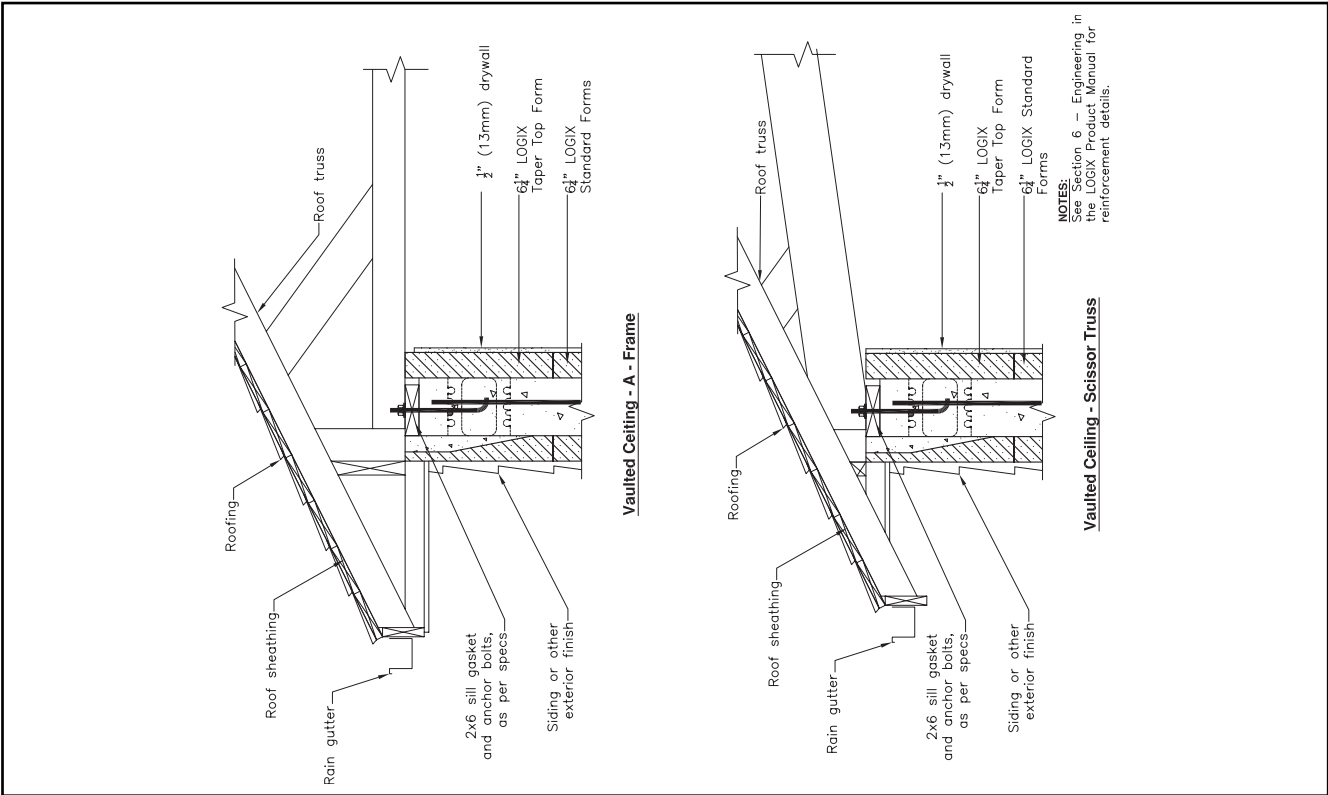


NOTES:  
See Section 6 - Engineering in the LOGIX Product Manual for reinforcement details.

### 5.8.1.7 - HURRICANE TIE DOWN STRAP



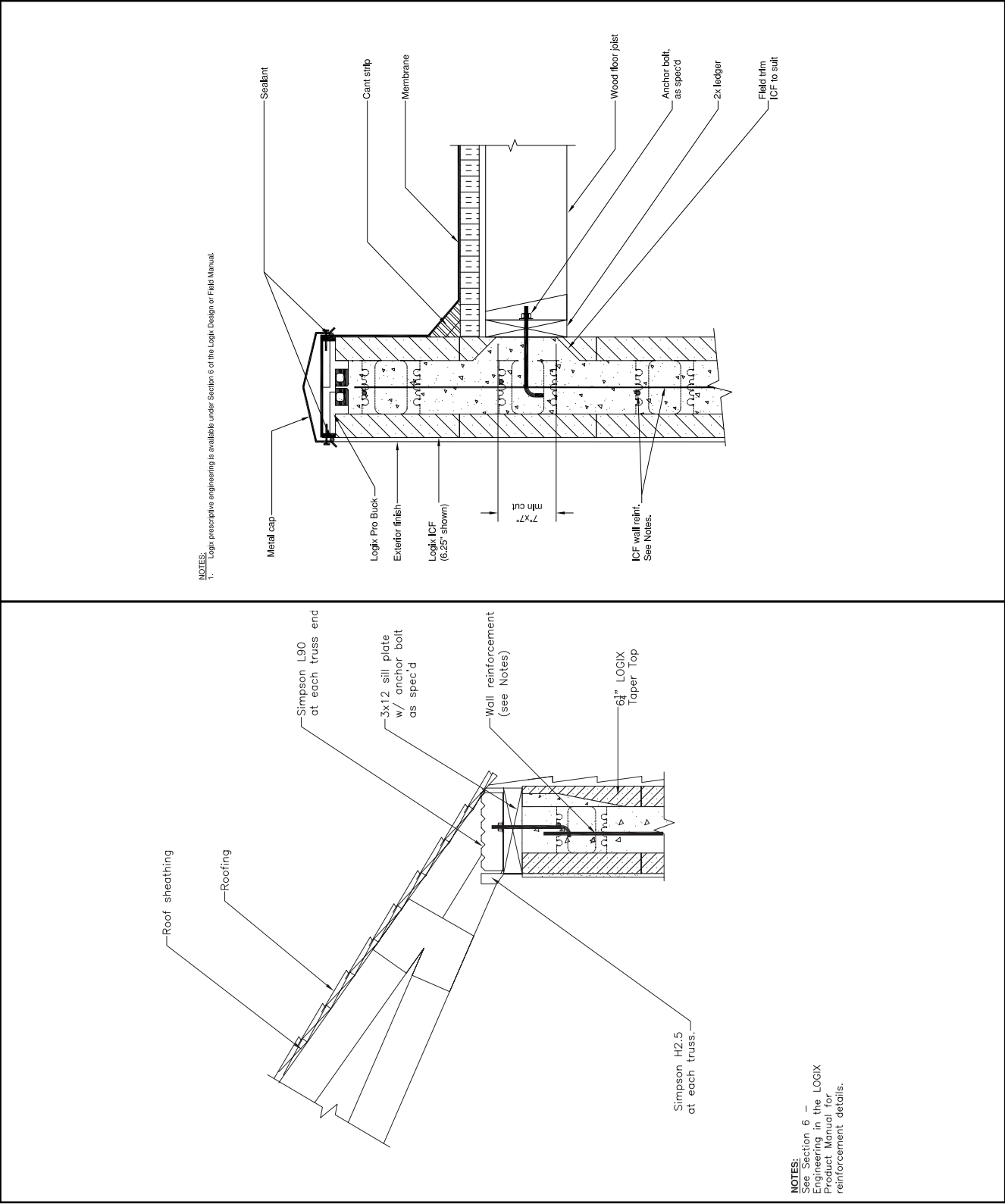
### 5.8.1.8 - VAULTED CEILINGS (1 OF 2)



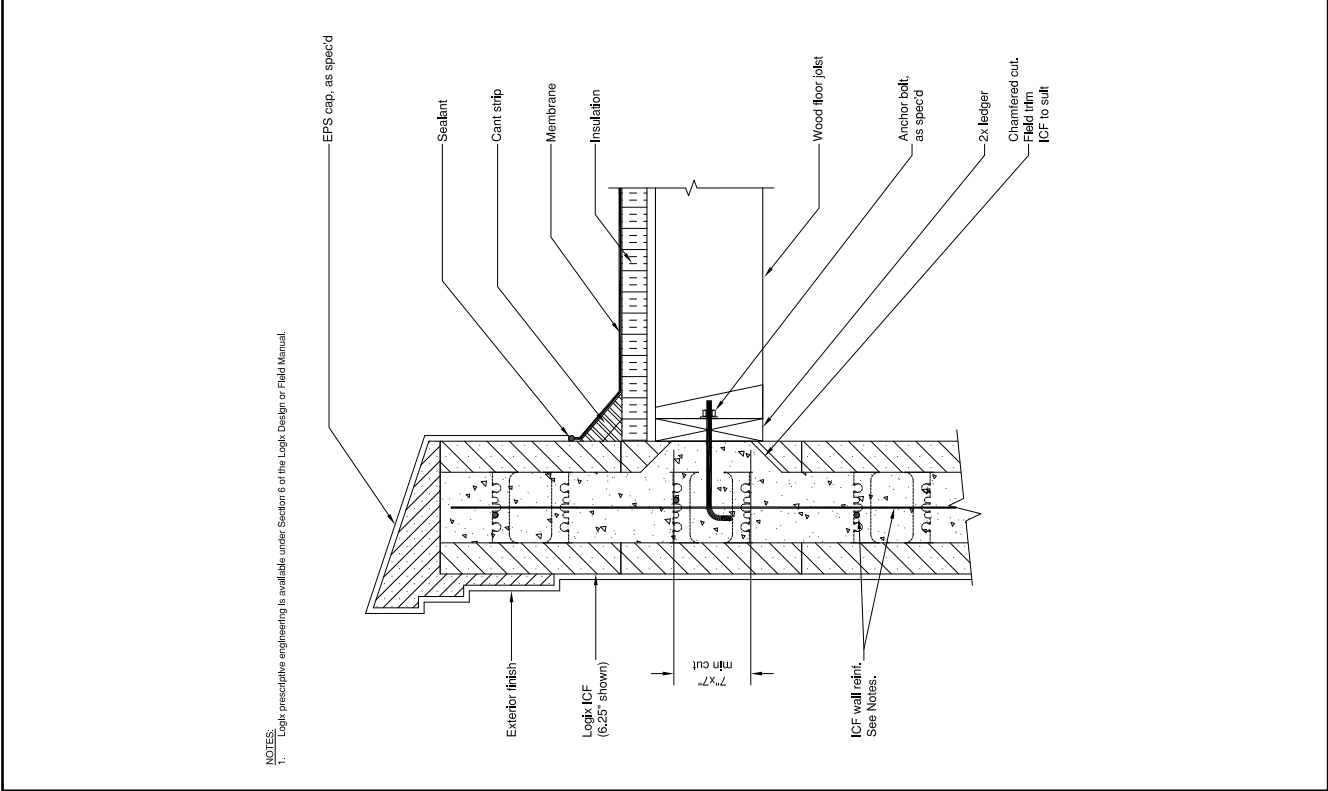
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.8.1.9 - VAULTED CEILINGS (2 OF 2)

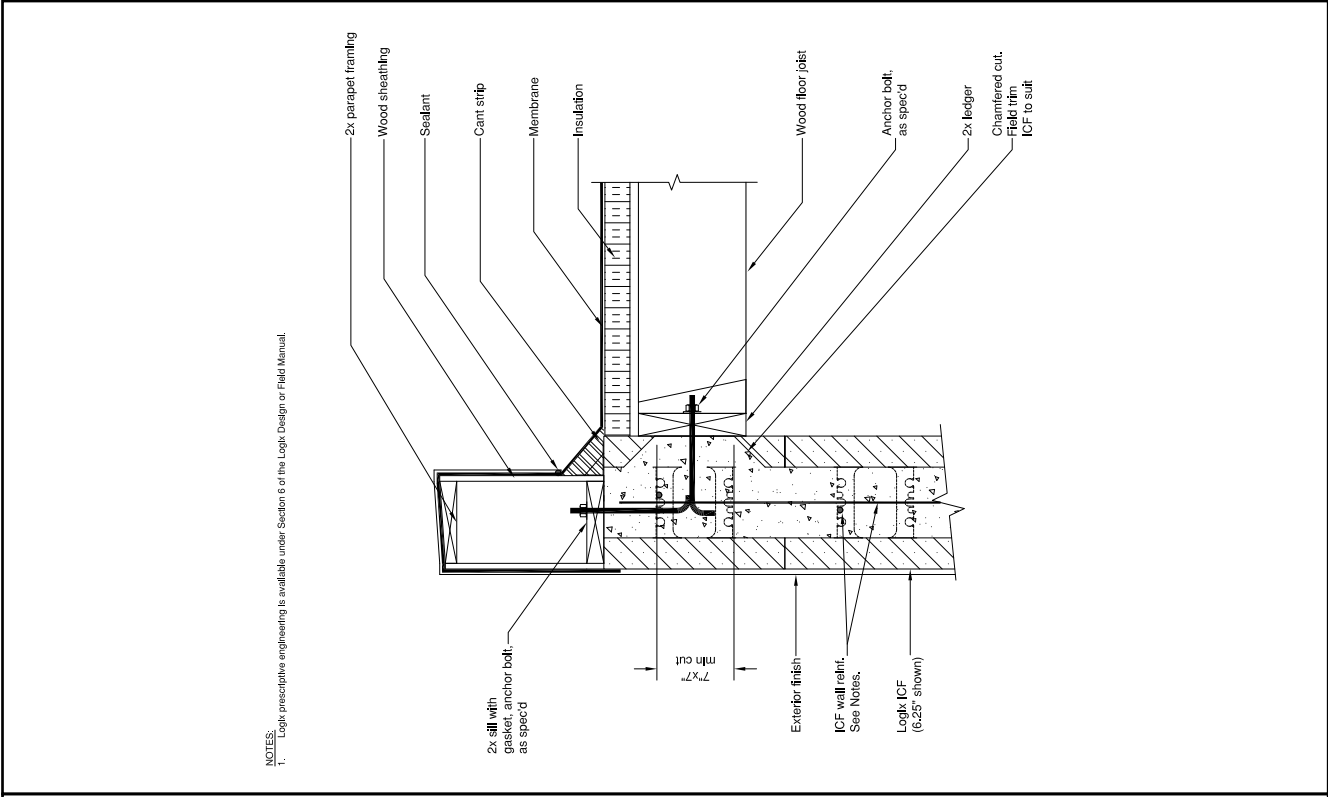
## 5.8.1.10 - ICF PARAPET: FLAT ROOF ON WOOD JOISTS WITH METAL CAP



## 5.8.1.11 - ICF PARAPET: FLAT ROOF ON WOOD JOISTS WITH EPS COPING



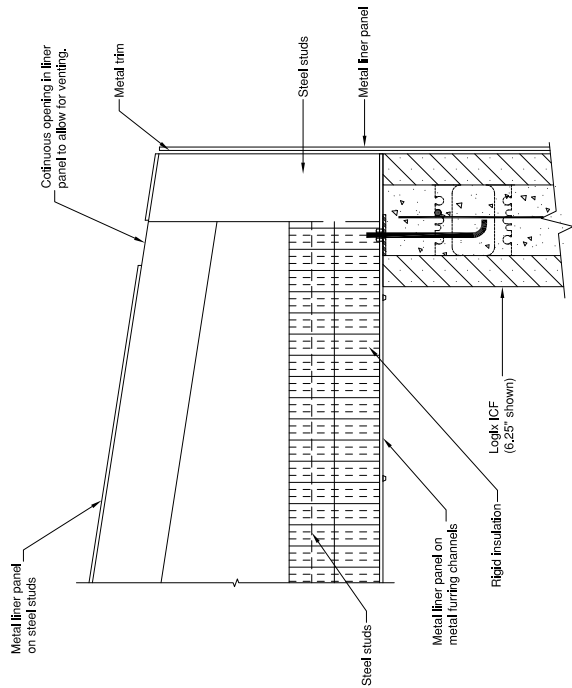
## 5.8.1.12 - WOOD PARAPET ON WOOD JOIST



5.8.2 - STEEL

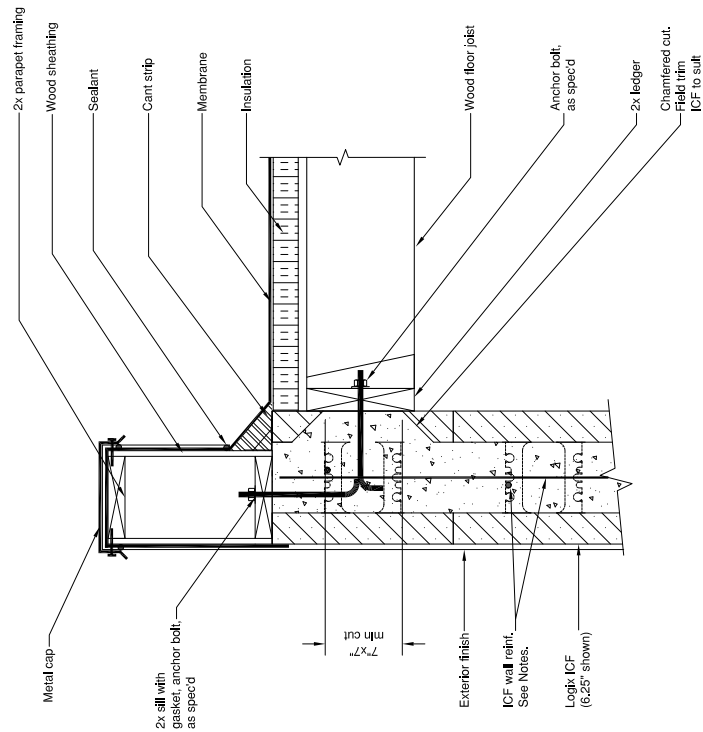
5.8.2.1 - METAL LINER ROOF PANELS

NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.



5.8.1.13 - WOOD PARAPET ON WOOD JOIST WITH METAL CAP

NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.



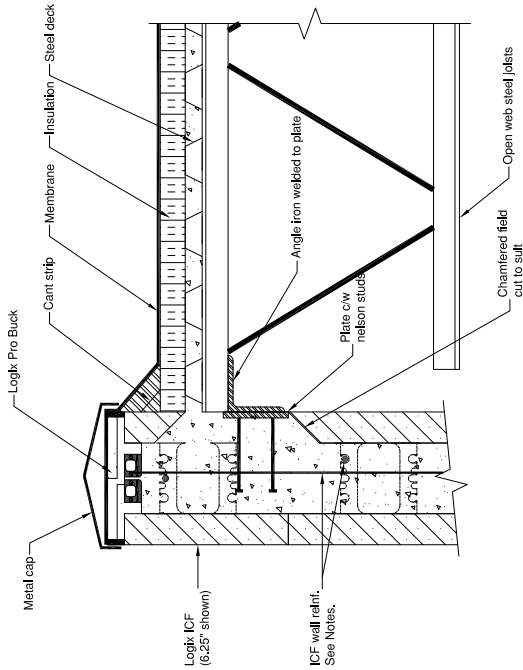
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



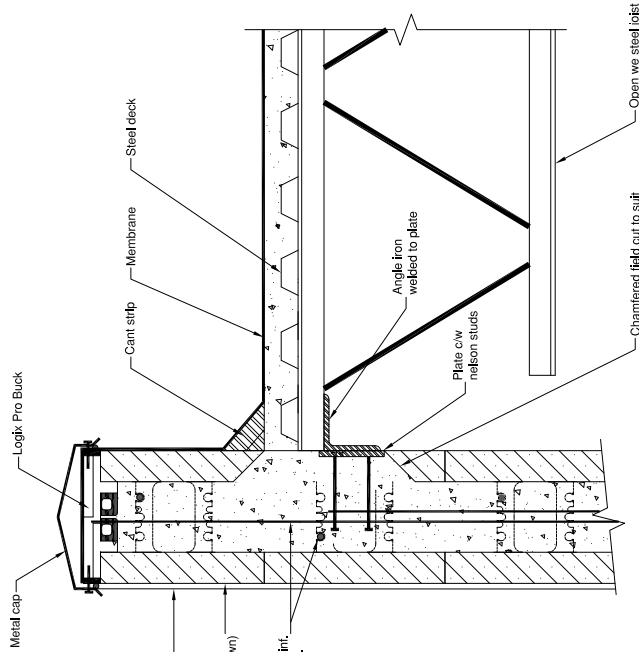
## 5.8.2.2 - OPEN WEB STEEL JOISTS FLAT ROOF

## 5.8.2.3 - ICF PARAPET: FLAT ROOF ON OPEN WEB JOIST

- NOTES:
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.
  2. A protective cover, such as tarp, should be placed over Logix form panels in the vicinity where on-site welding or torch work is conducted.



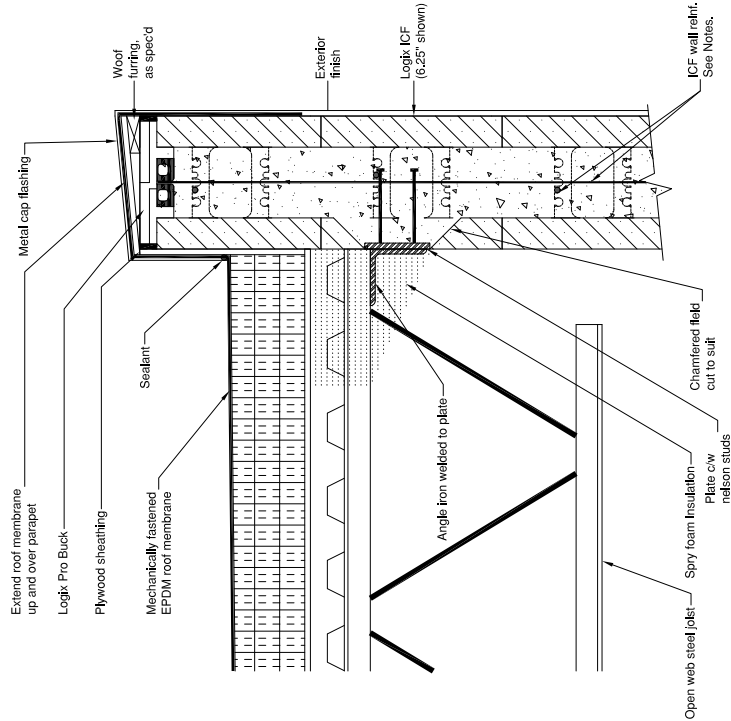
- NOTES:
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.
  2. A protective cover, such as tarp, should be placed over Logix form panels in the vicinity where on-site welding or torch work is conducted.



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

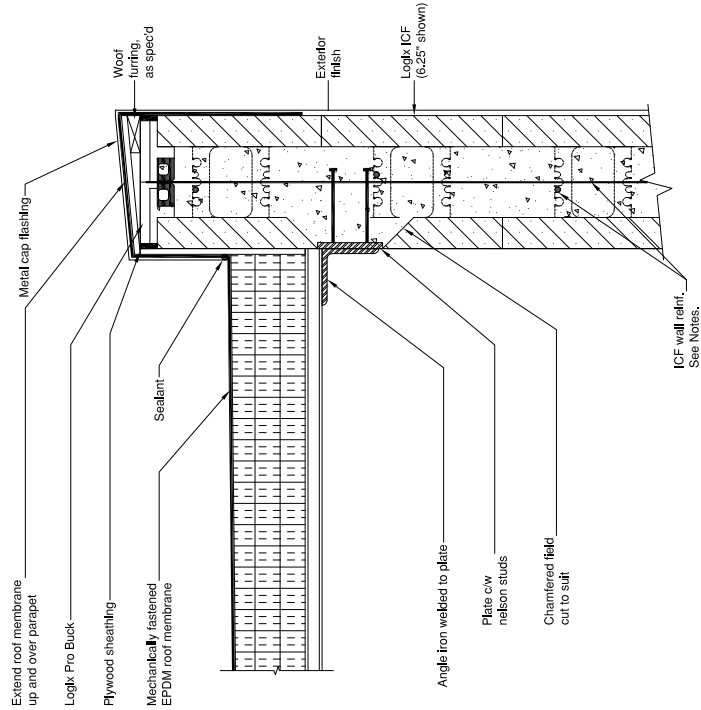
## 5.8.2.4 - ICF PARAPET: FLAT ROOF ON OPEN WEB JOIST WITH INSULATION

- NOTES:**
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.
  2. A protective cover, such as tarp, should be placed over Logix form panels in the Parapet where on-site welding or torch work is conducted.



## 5.8.2.5 - ICF PARAPET: FLAT ROOF WITH ANGLE IRON SUPPORT

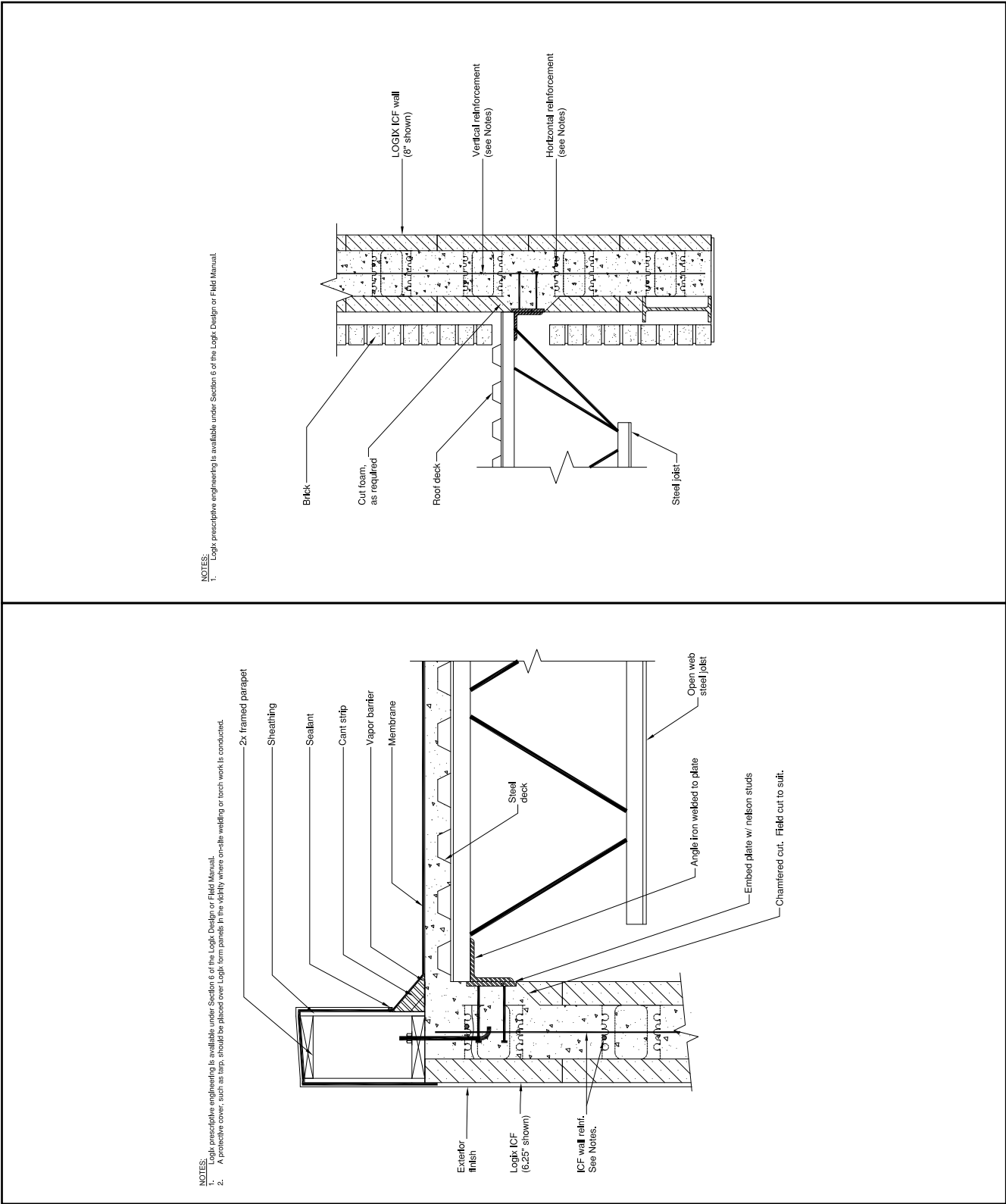
- NOTES:**
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.
  2. A protective cover, such as tarp, should be placed over Logix form panels in the Parapet where on-site welding or torch work is conducted.



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

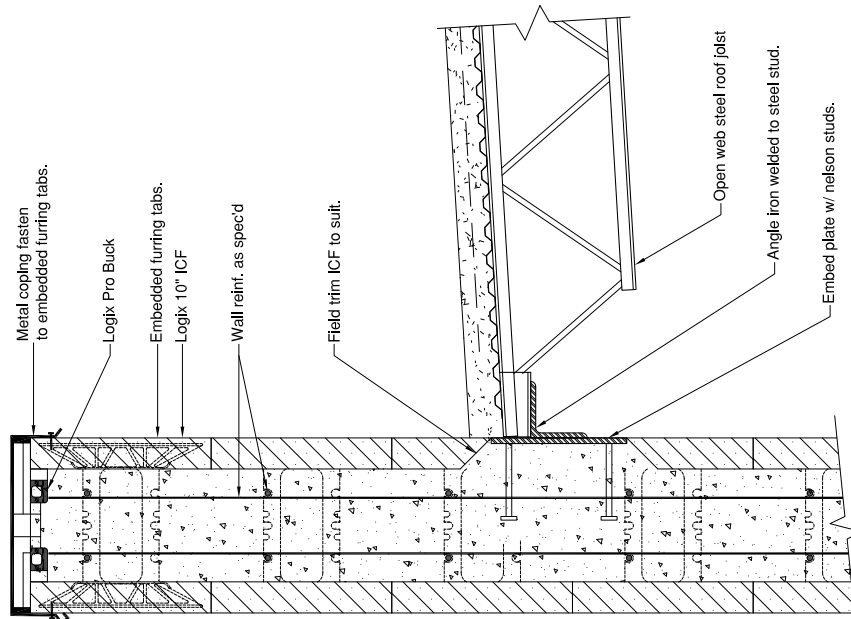
5.8.2.6 - WOOD PARAPET WITH OPEN WEB STEEL JOIST

5.8.2.7 - ROOF DECK ON STEEL JOIST WITH LOGIX TAPER TOP

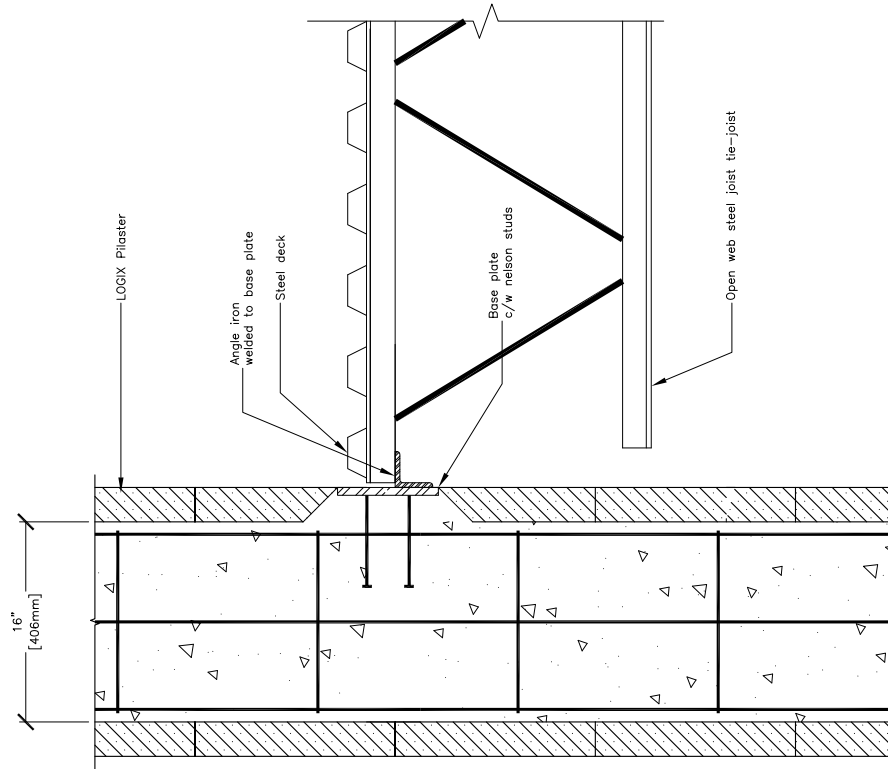


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.8.2.8 - PARAPET WITH SLOPED ROOF



### 5.8.2.9 - STEEL DECK ON OPEN WEB STEEL JOIST AGAINST LOGIX PILASTER

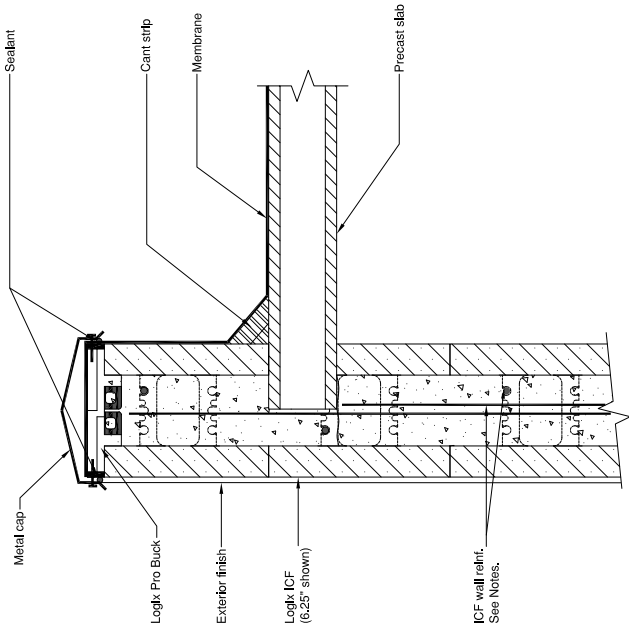


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

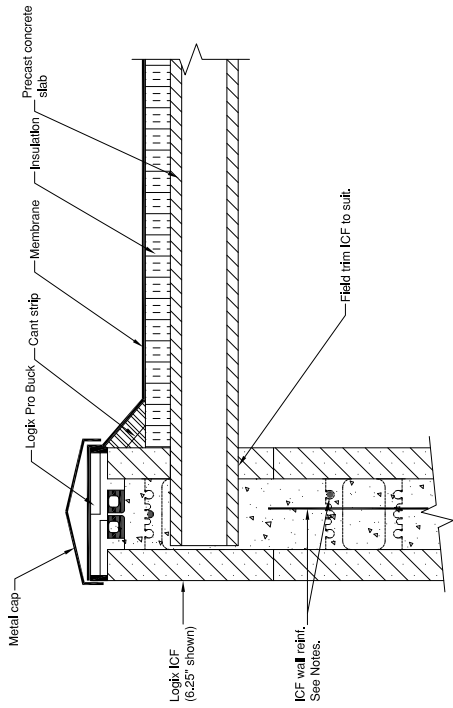
5.8.3.2 - ICF PARAPET: FLAT ROOF WITH  
PRECAST CONCRETE PANEL

5.8.3.1 - PRECAST CONCRETE FLAT ROOF

NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.



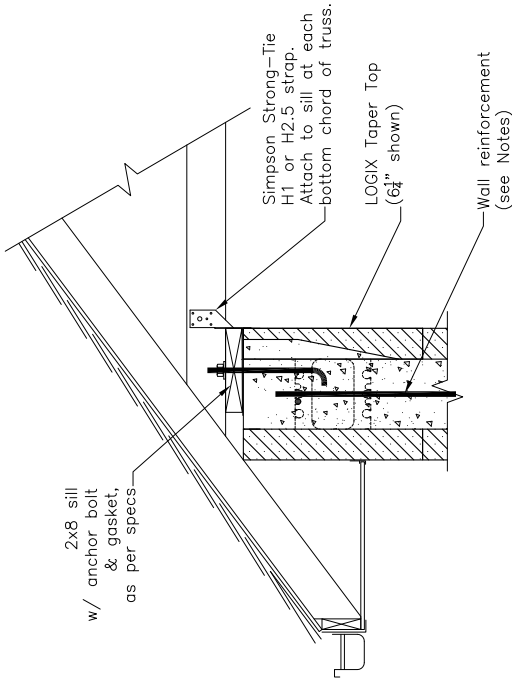
NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

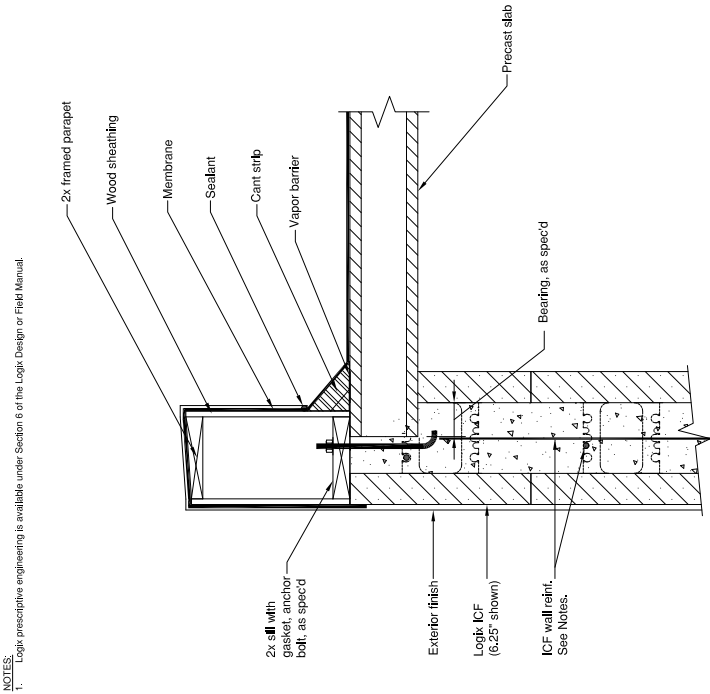
5.8.4 - STRAPS & ANCHORS

5.8.4.1 - SIMPSON H1/H2.5 STRAP



**NOTES:**  
See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

5.8.3.3 - WOOD PARAPET WITH PRECAST  
CONCRETE PANEL ROOF

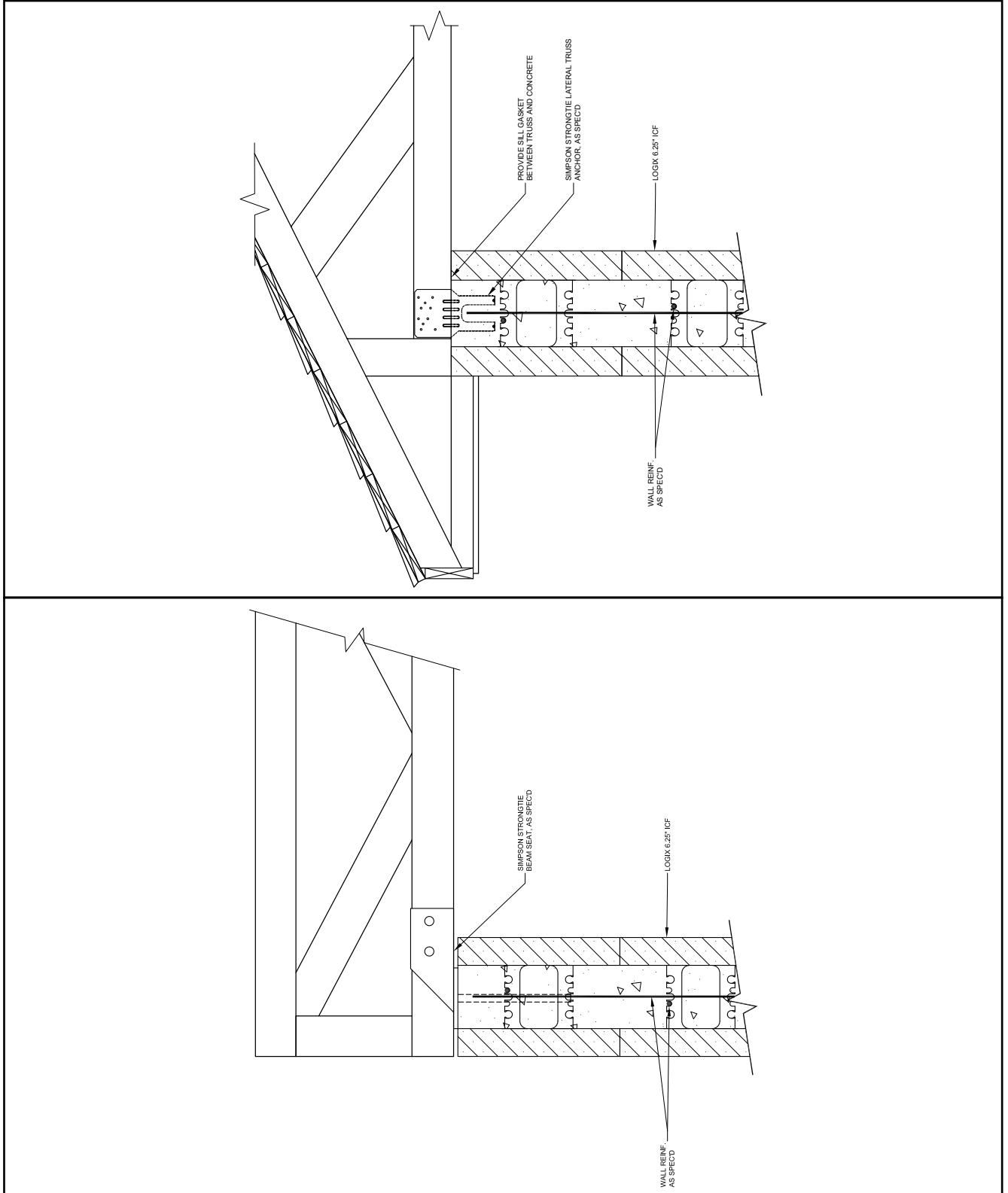


**NOTES:**  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.8.4.2 - SIMPSON ROOF TRUSS BEAM SEAT

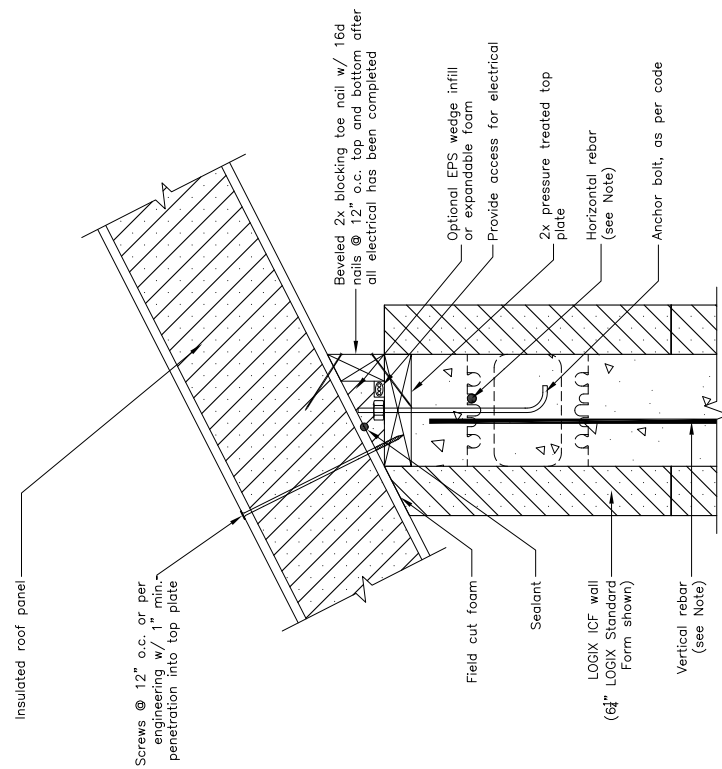
## 5.8.4.3 - LATERAL TRUSS ANCHOR



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.8.5 - STRUCTURAL INSULATED PANELS

### 5.8.5.1 - SIP ROOF



#### NOTES:

1. See Section 6 — Engineering in the LOGIX Product Manual for reinforcement details.
2. Helpful Hint: Wedge behind beveled block can be a good place to run electrical wires after screws are in place.

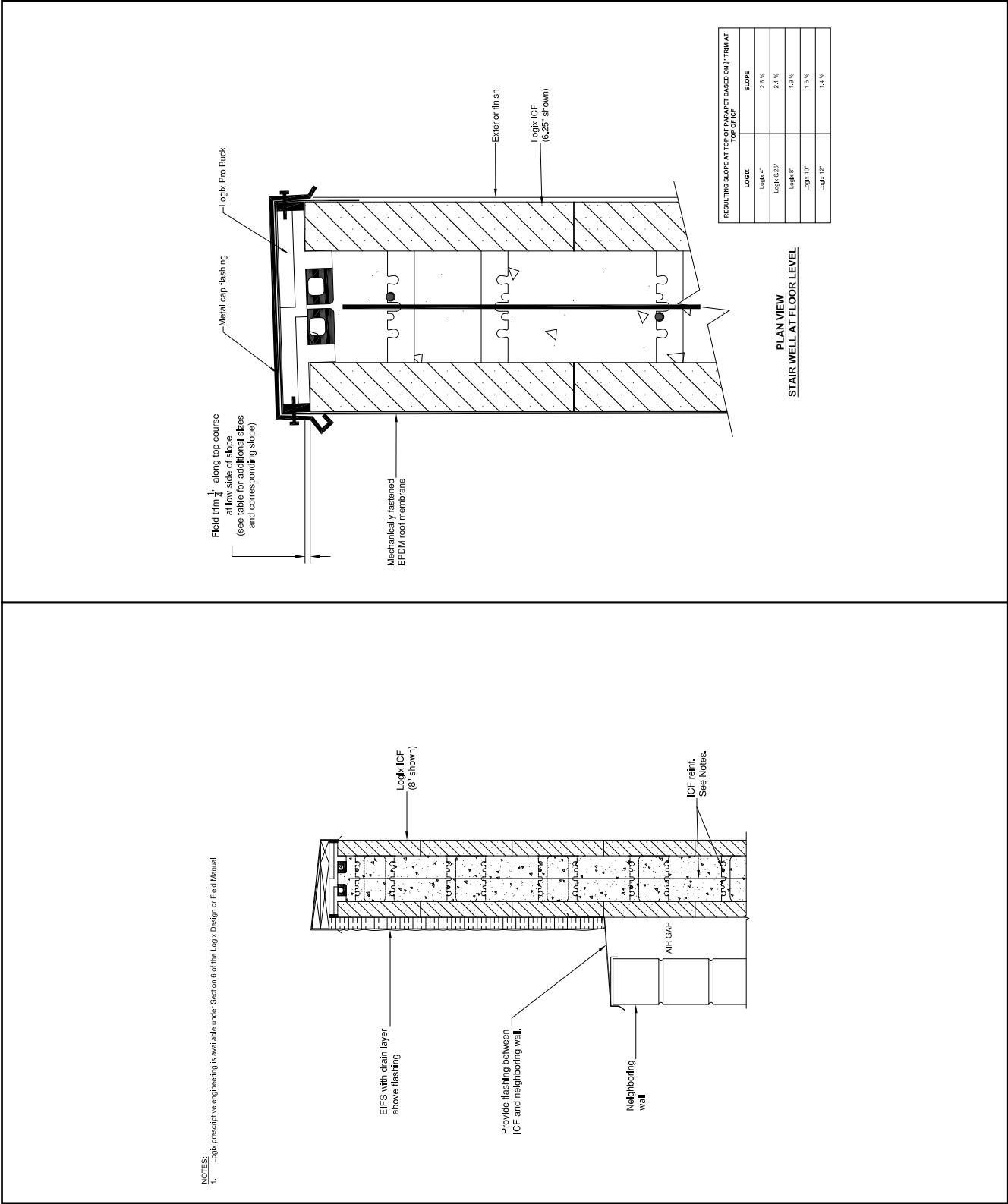
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



5.8.6.1 - FLASHING TO NEIGHBORING WALL

5.8.6.2 - PARAPET SLOPED CAP WITH LOGIX PRO BUCK

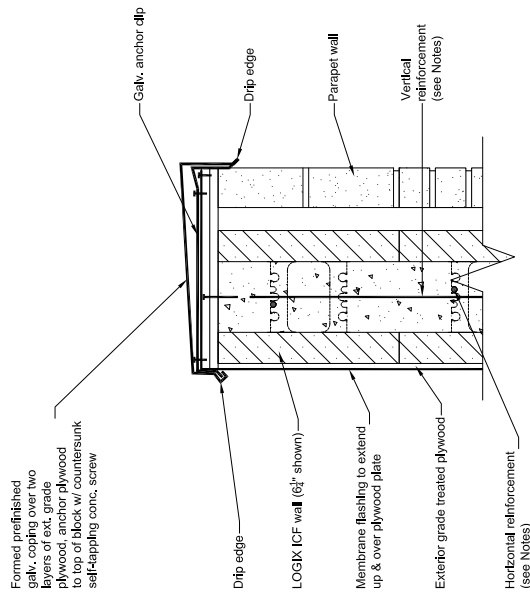
5.8.6 - ADDITIONAL ROOF & PARAPET DETAILS



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

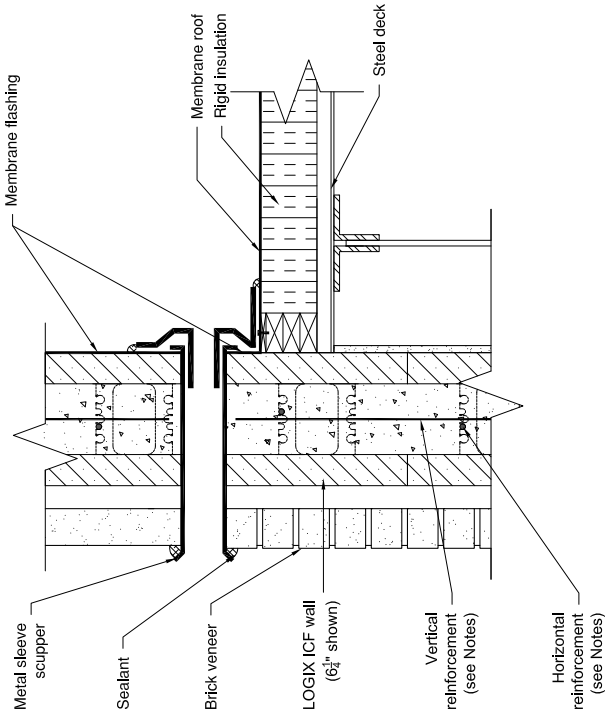
### 5.8.6.3 - PARAPET - METAL COPING WITH BRICK VENEER

NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.



### 5.8.6.4 - SCUPPER DETAIL

NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.

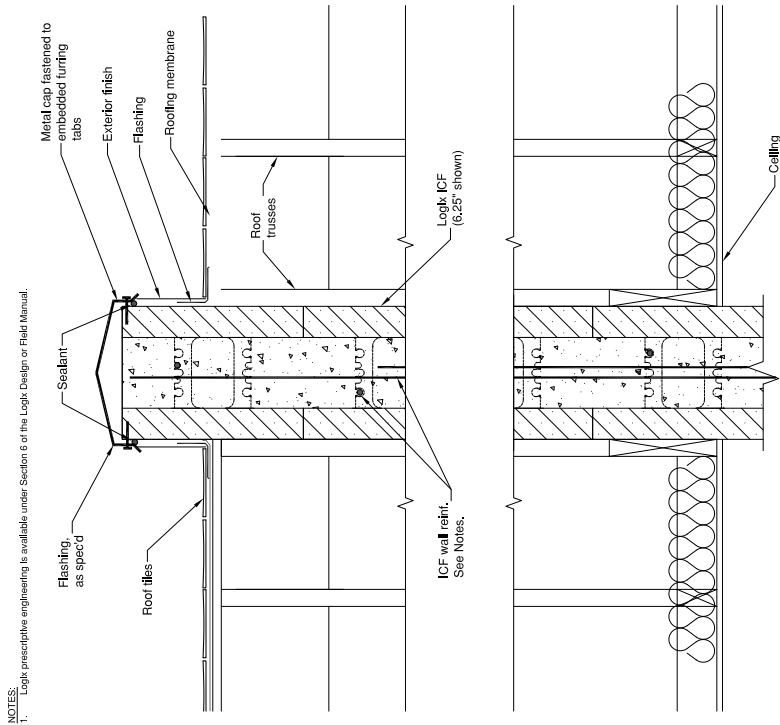


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.9 - ROOF & PARAPETS AT INTERIOR WALL

### 5.9.1 - WOOD

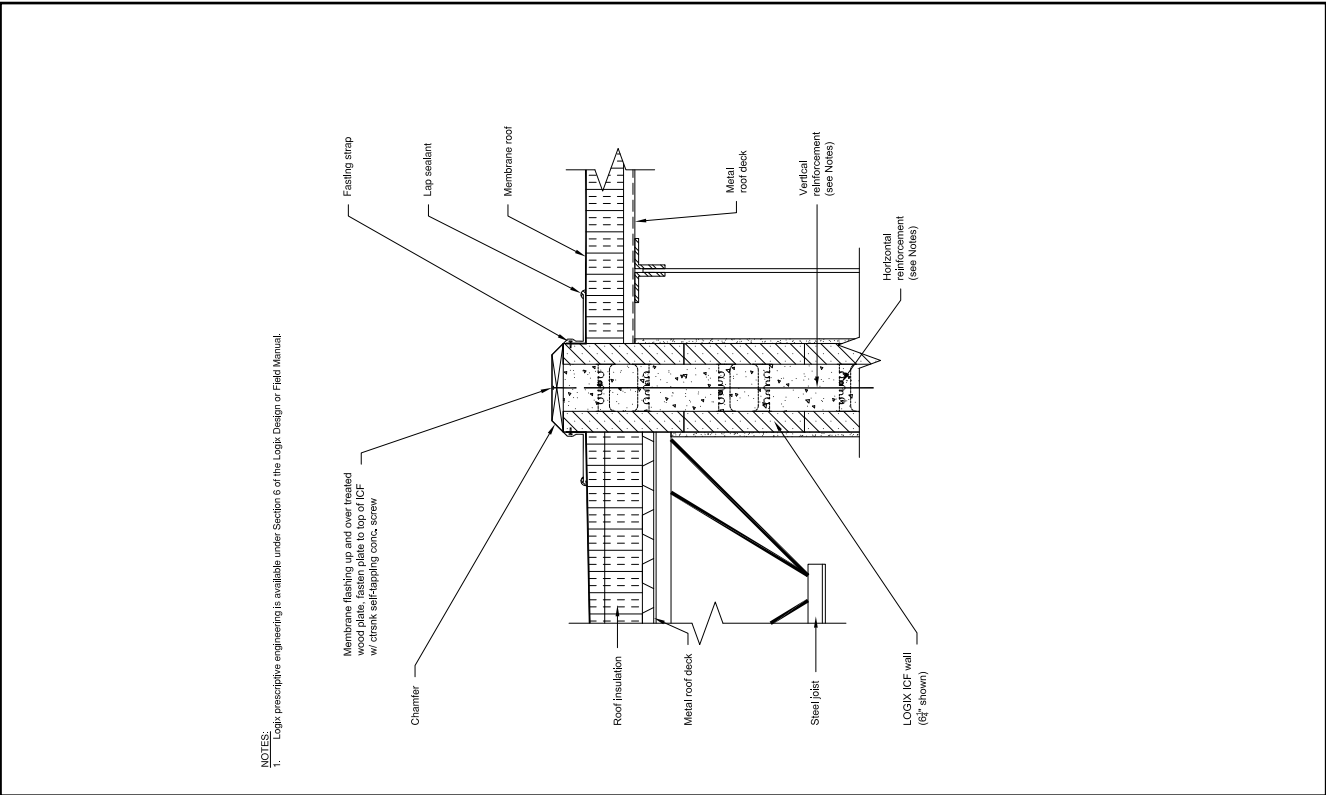
#### 5.9.1.1 - FIRE WALL ABOVE ROOF LINE



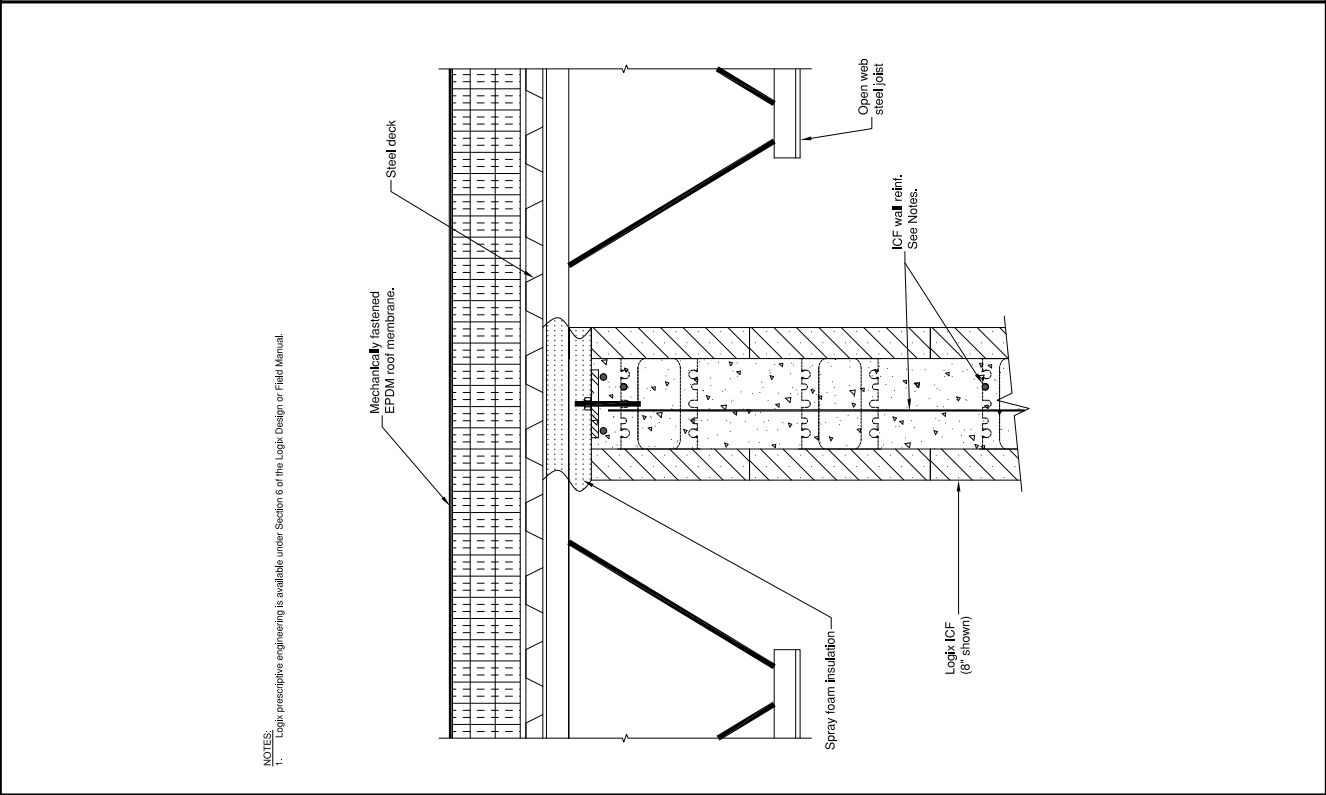
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.9.2 - STEEL

5.9.2.2 - SEPARATION WALL



5.9.2.1 - INTERIOR WALL SUPPORTING OPEN WEB STEEL JOISTS

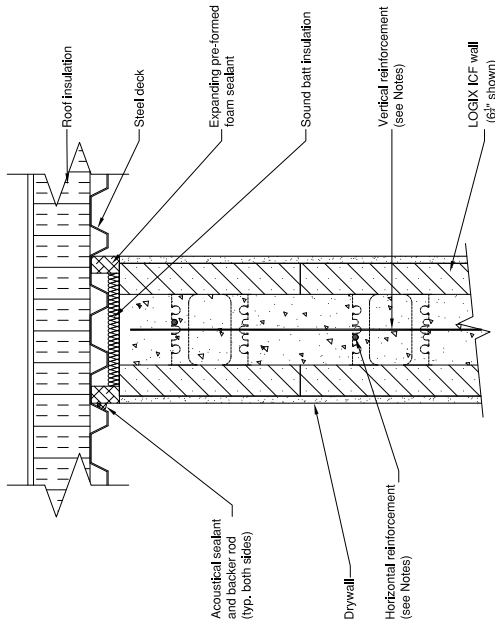


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

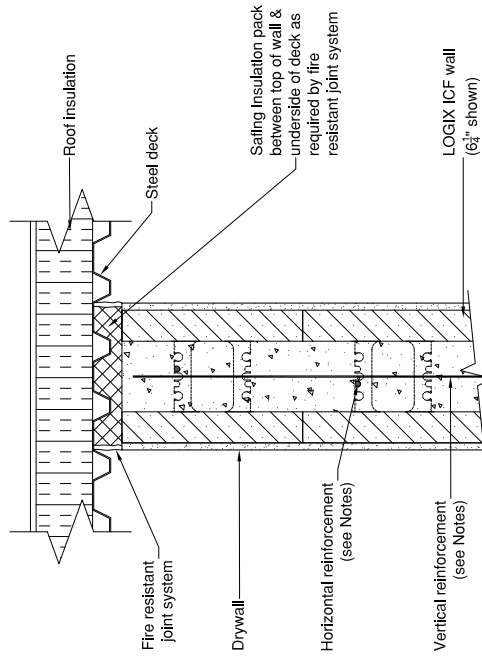
### 5.9.2.2.3 - STEEL DECK ON LOGIX DEMISING WALL

### 5.9.2.2.4 - STEEL DECK ON LOGIX DEMISING WALL WITH FIRE SEALANT

NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.

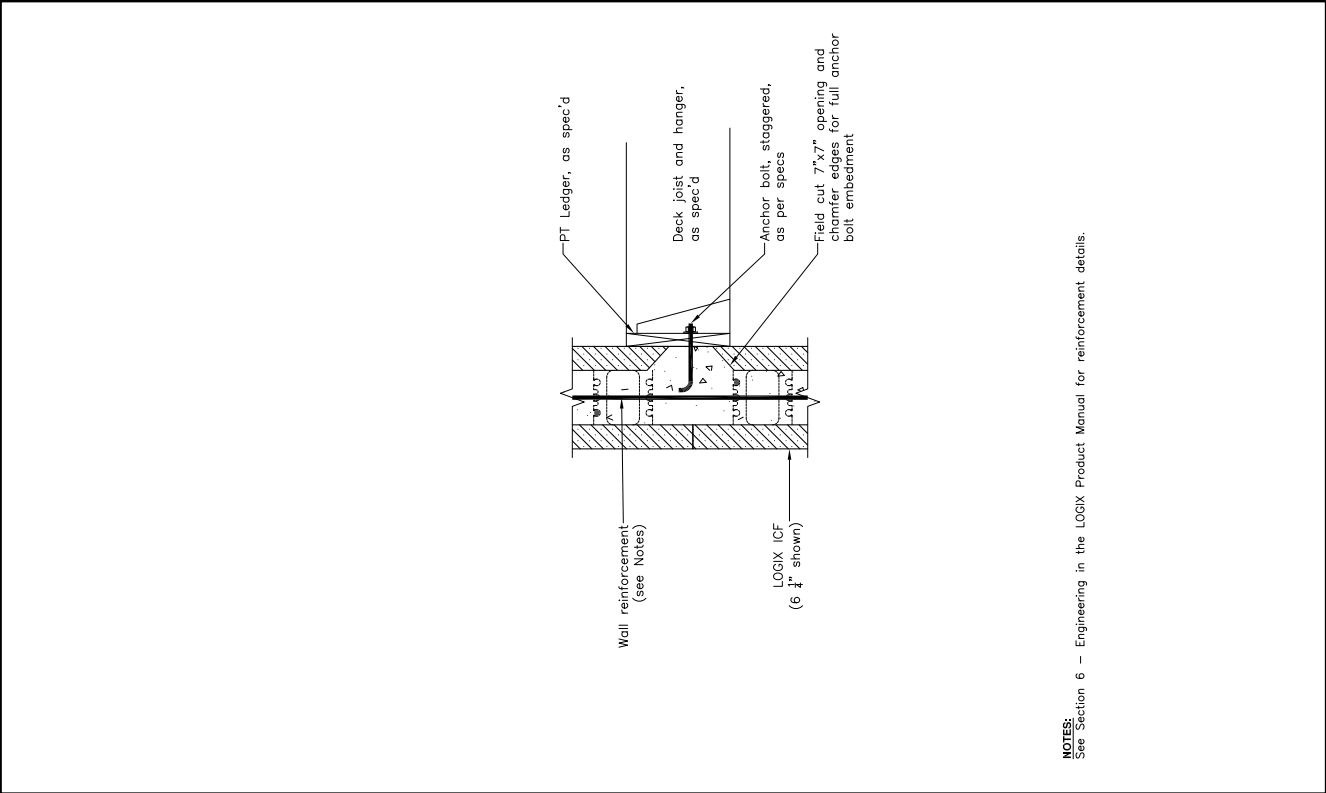


NOTES:  
1. Logix prescriptive engineering is available under Section 6 of the Logix Design or Field Manual.

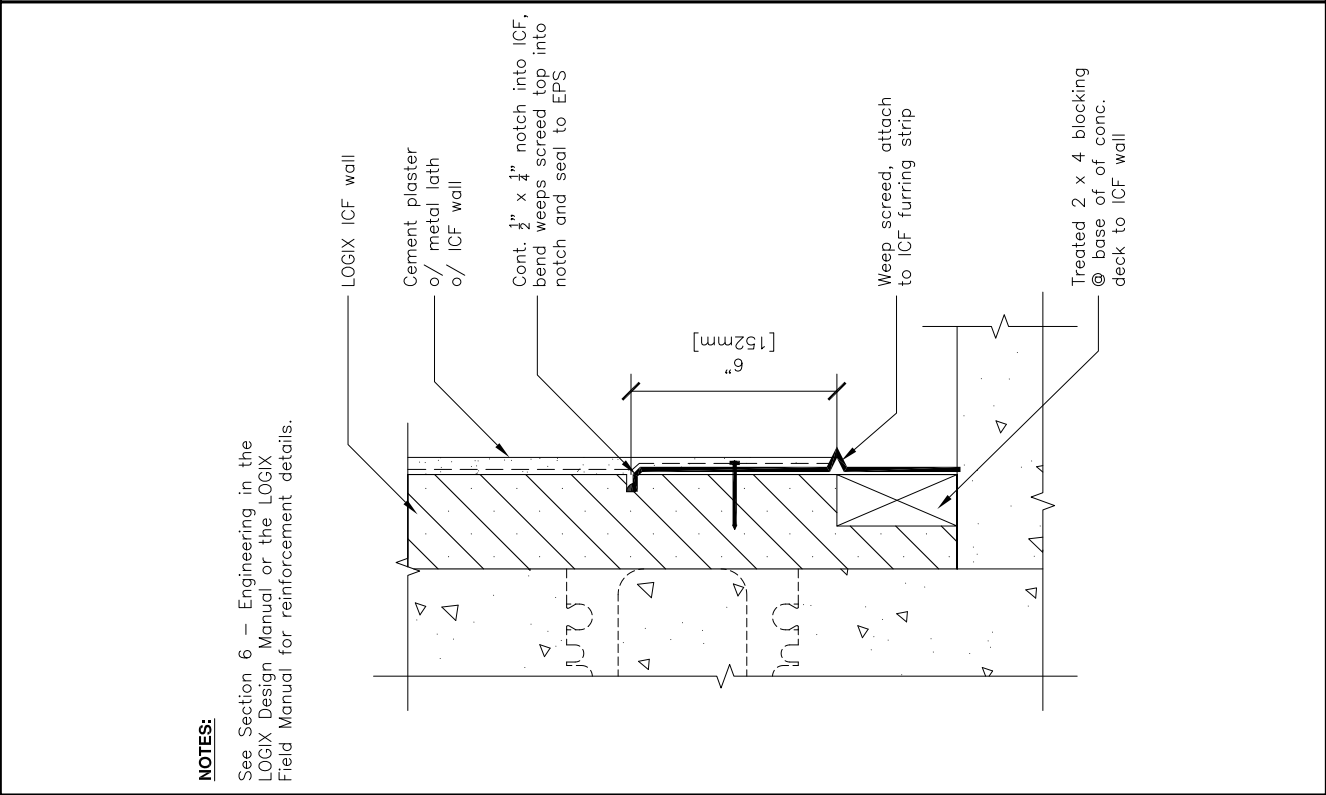


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.10.2 - LEDGER ATTACHMENT

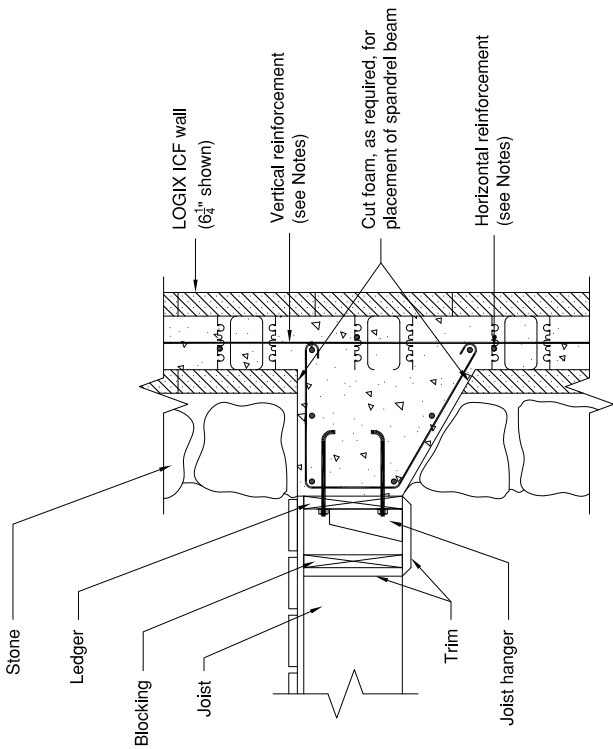


5.10.1 - WEEP SCREED & FLASHING



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

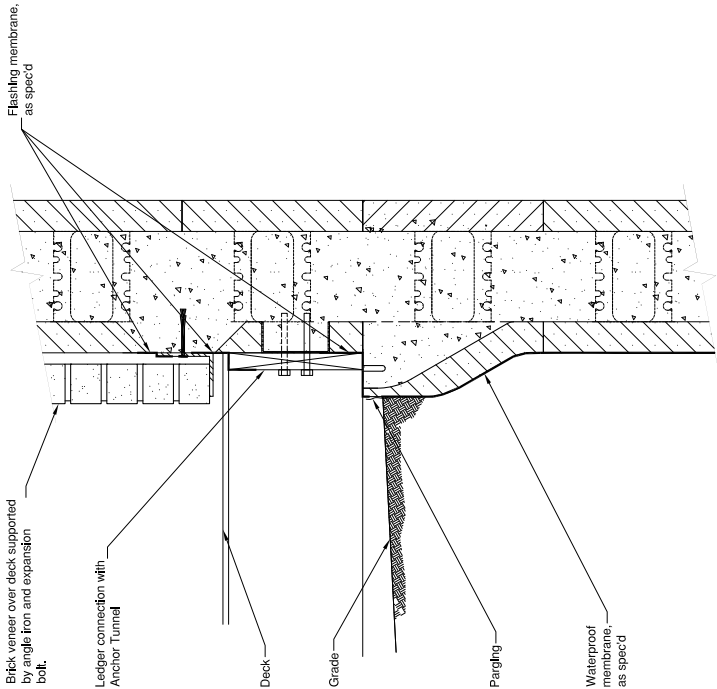
5.10.3 - CORBEL SUPPORTING DECK & STONE VENEER



NOTES:

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

5.10.4 - BRICK LEDGE WITH LEDGER

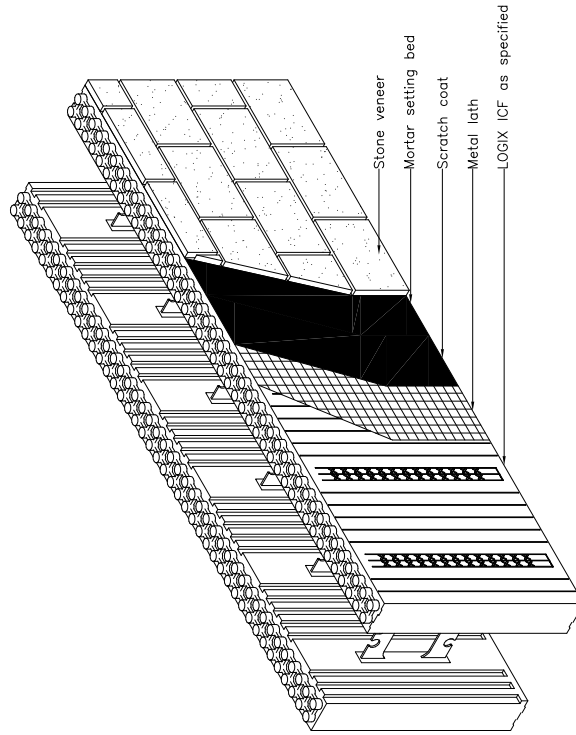


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.11 - EXTERIOR FINISHES & ATTACHMENTS

### 5.11.1 - EXTERIOR FINISHES

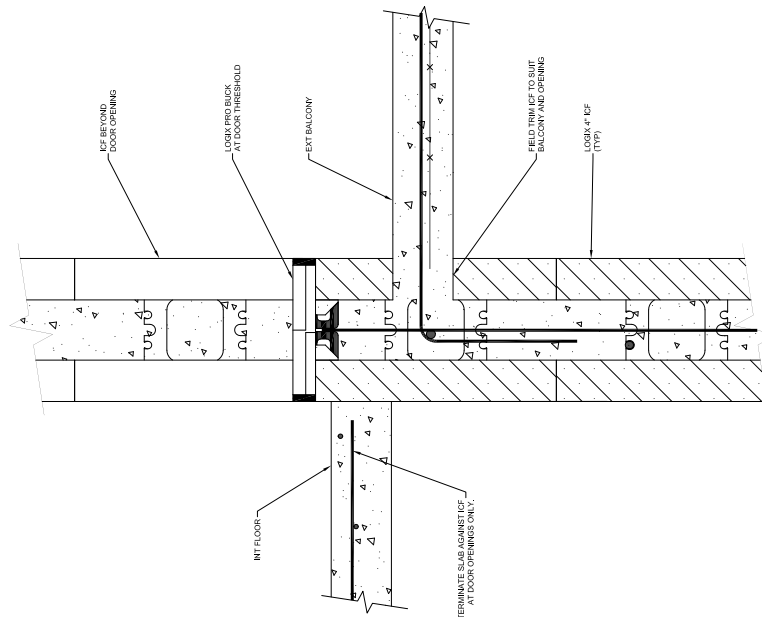
#### 5.11.1.1 - LOGIX ICF WITH STONE VENEER



##### NOTES:

- All fasteners to be attached to the embedded furring tabs.
- Recommended min. fastener spacings:
  - Grabber construction non-corrosive screws: No.8 min. 1.25" long, 8" o.c. horiz., 12" o.c. vert. spacing. (3" head ring shank nails with washers can be used in lieu of No.8 screws)
  - OR
  - Staples 1.59mm 16ga. min. 1.25" long, 8" o.c. horiz., 5" o.c. vert. spacing.
- Always follow manufacturer's instructions or recommendations.

#### 5.10.5 - THERMAL BREAK AT THRESHOLD WITH PRO BUCK

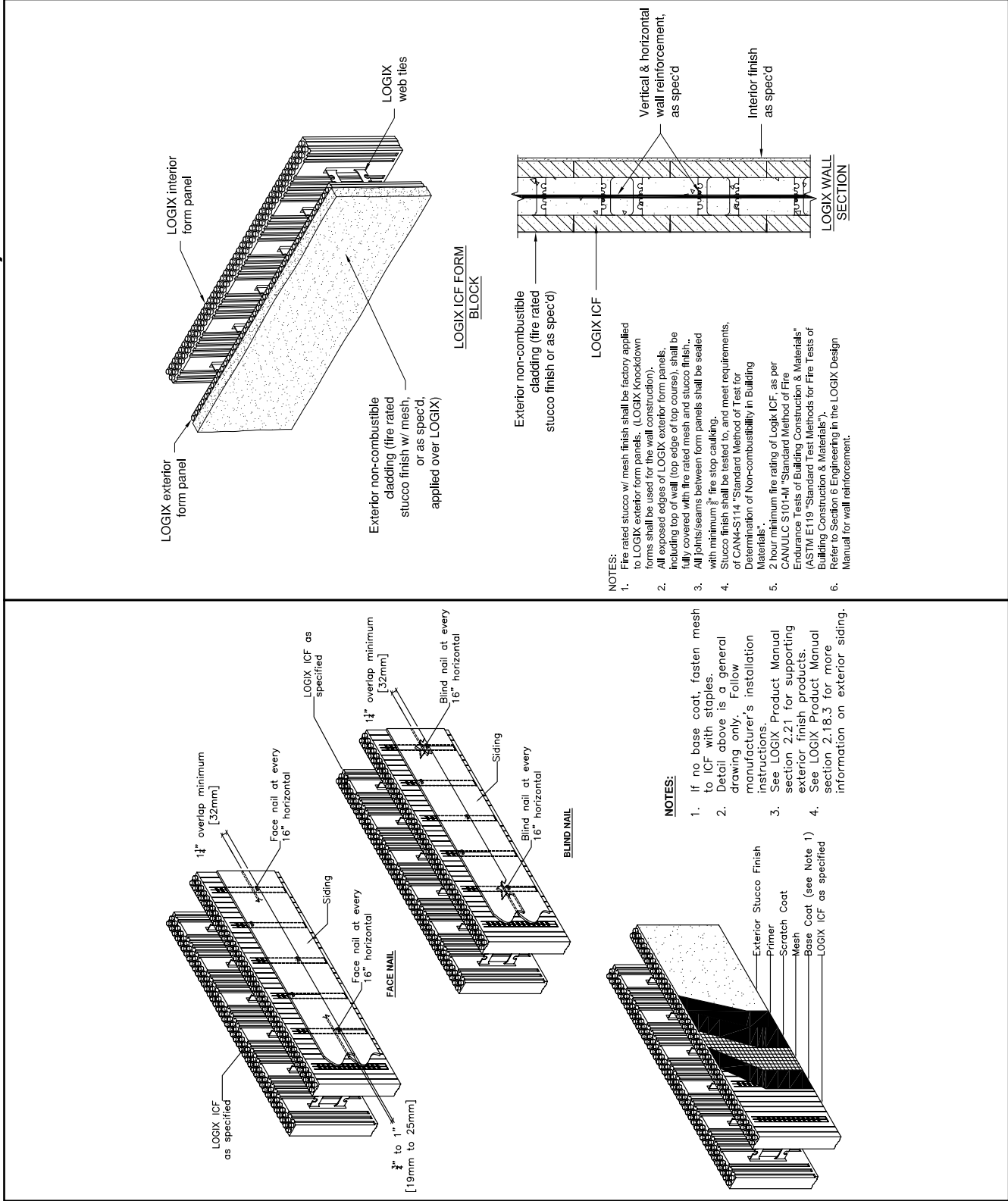


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



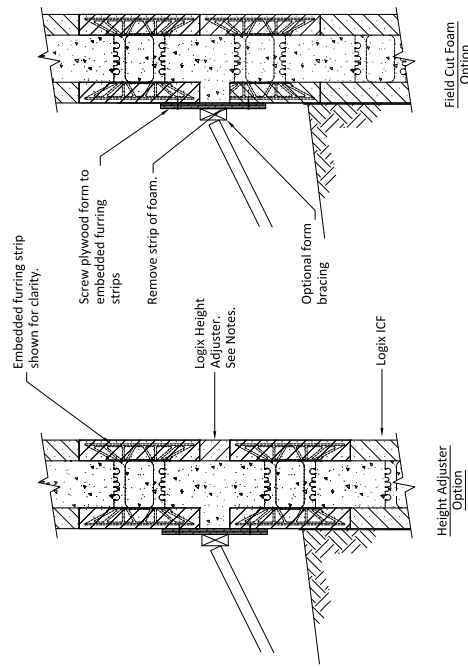
## 5.11.1.2 - SIDING & STUCCO

## 5.11.1.3 - ZERO LOT LINE (NON-COMBUSTIBLE FINISH)



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

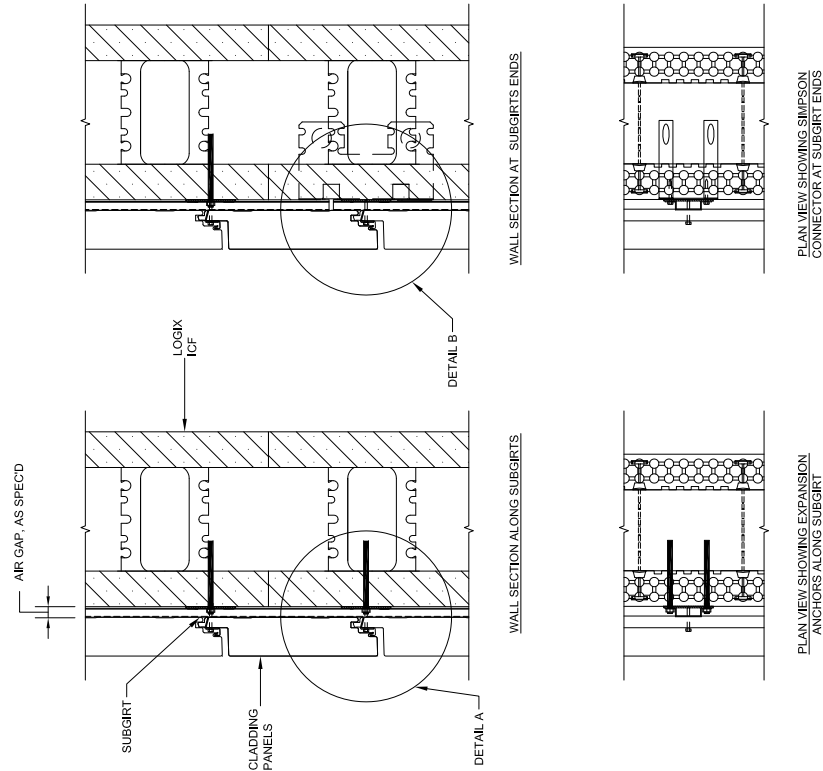
## 5.11.1.4 - TERMITE STRIP



### NOTES:

1. See Section 6 - Engineering in the LOGIX Product Manual for reinforcement details.
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 gung in place Height Adjusters with foam adhesive.

## 5.11.1.5 - CLADDING PANELS



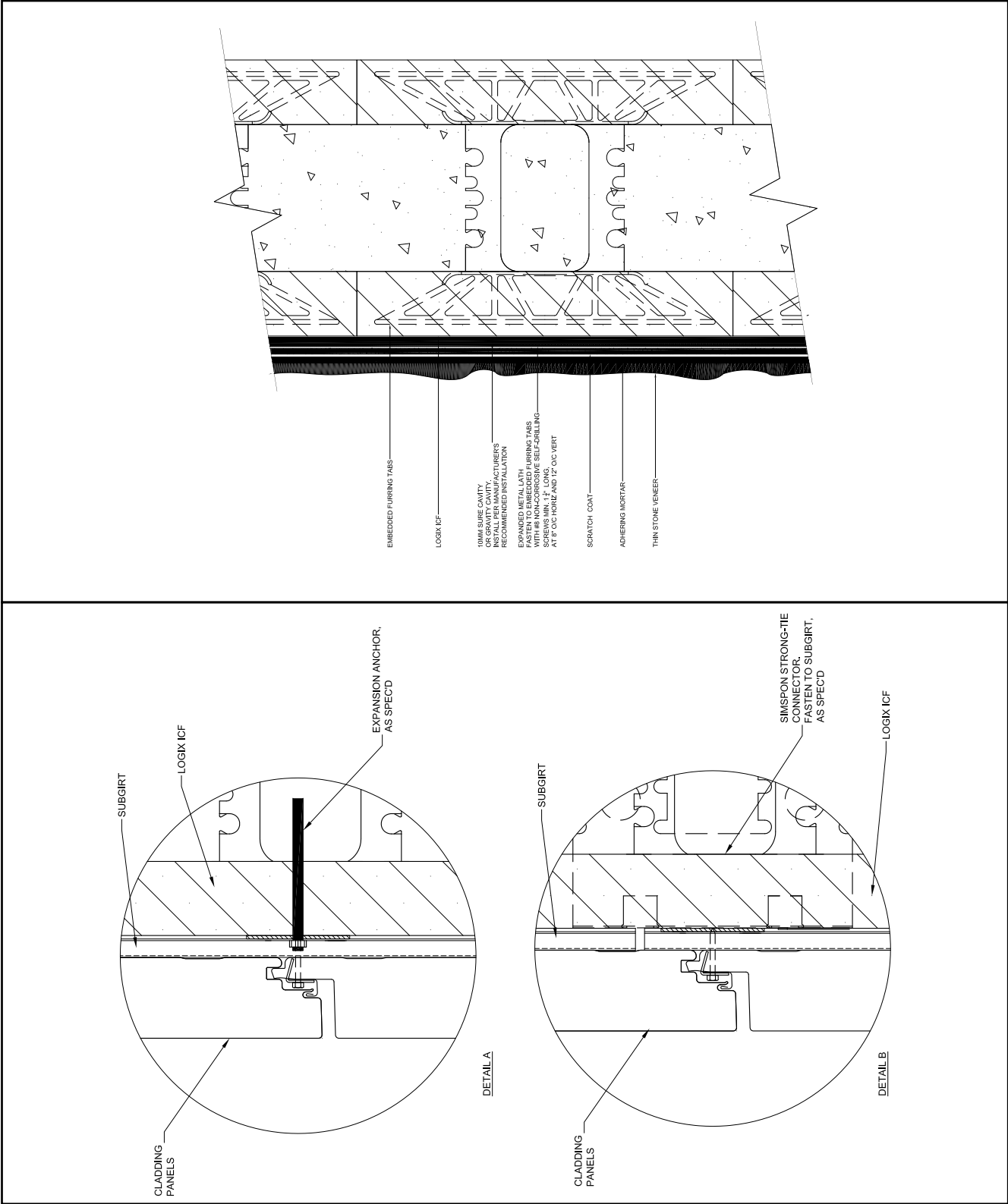
### PLAN VIEW SHOWING SIMPSON CONNECTOR AT SUBGIRT ENDS

### PLAN VIEW SHOWING EXPANSION ANCHORS ALONG SUBGIRT

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.11.1.7 - STONE VENEER APPLICATION WITH DRAINAGE PLANE

5.11.1.6 - CLADDING PANELS CONT'D

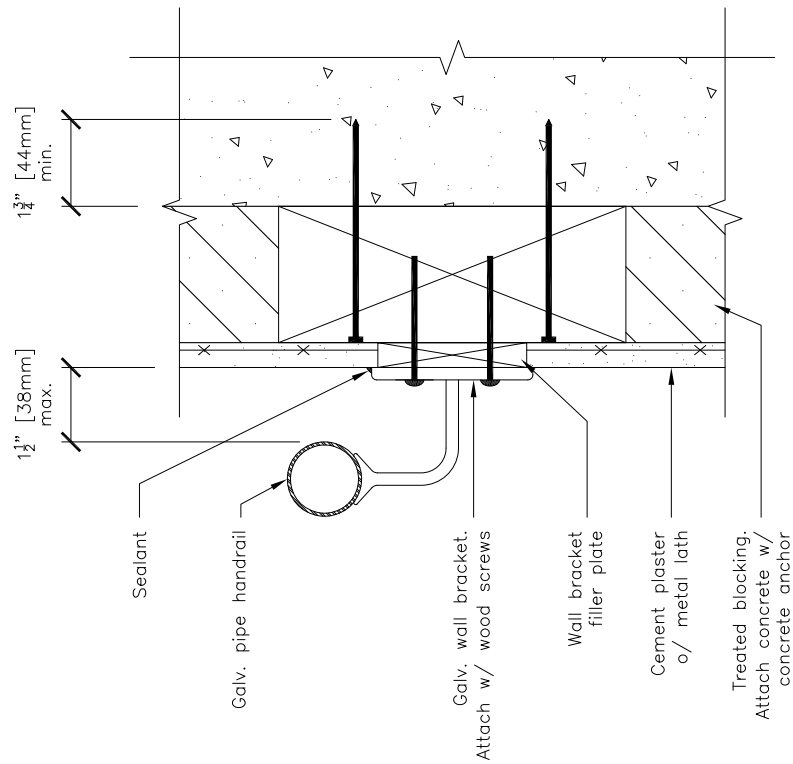


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

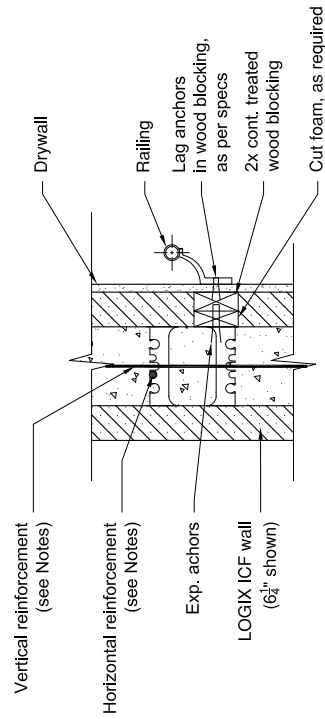
## 5.11.2.1 - METAL HANDRAIL

### NOTES:

See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.



## 5.11.2.2 - HANDRAIL



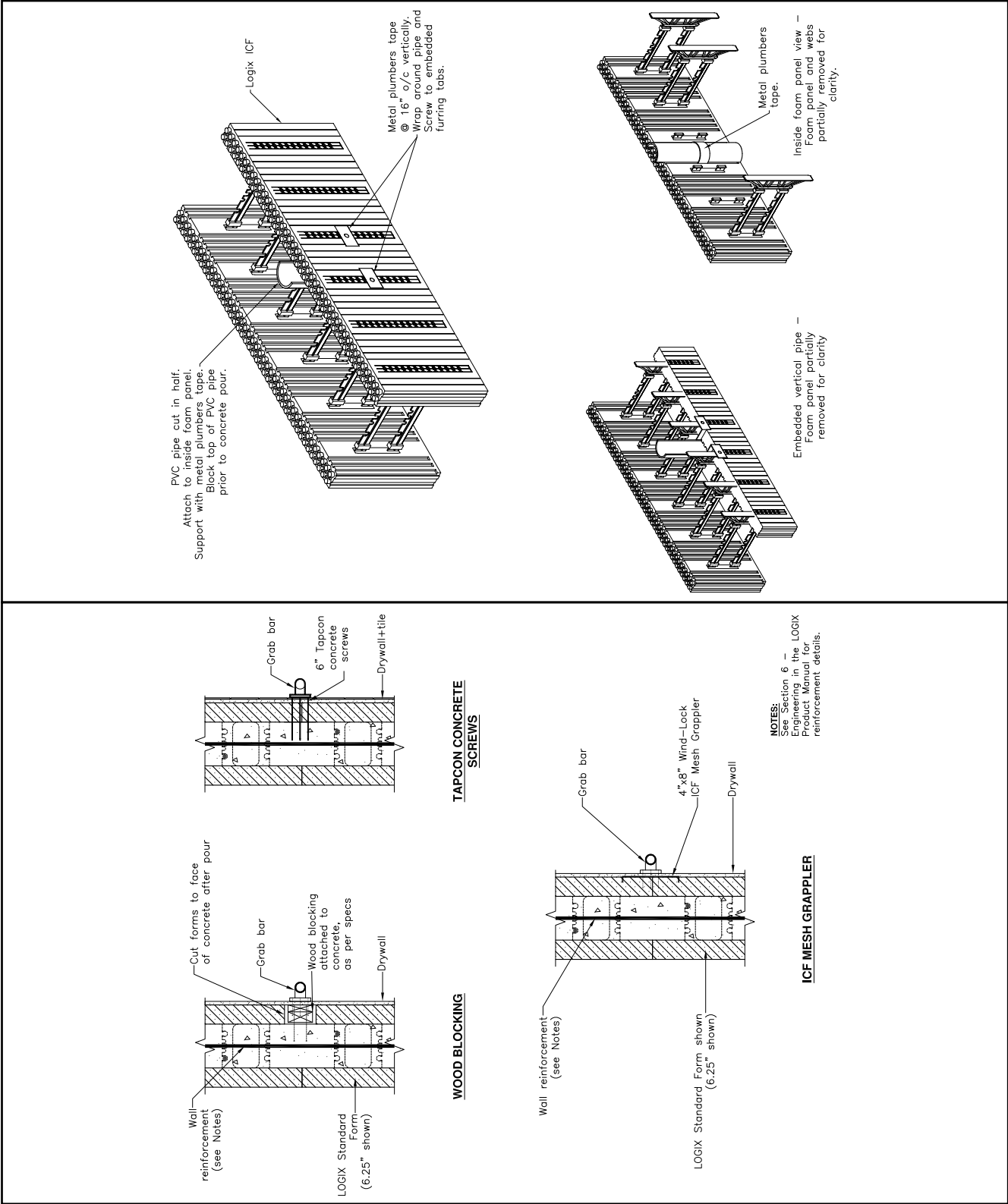
### NOTES:

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

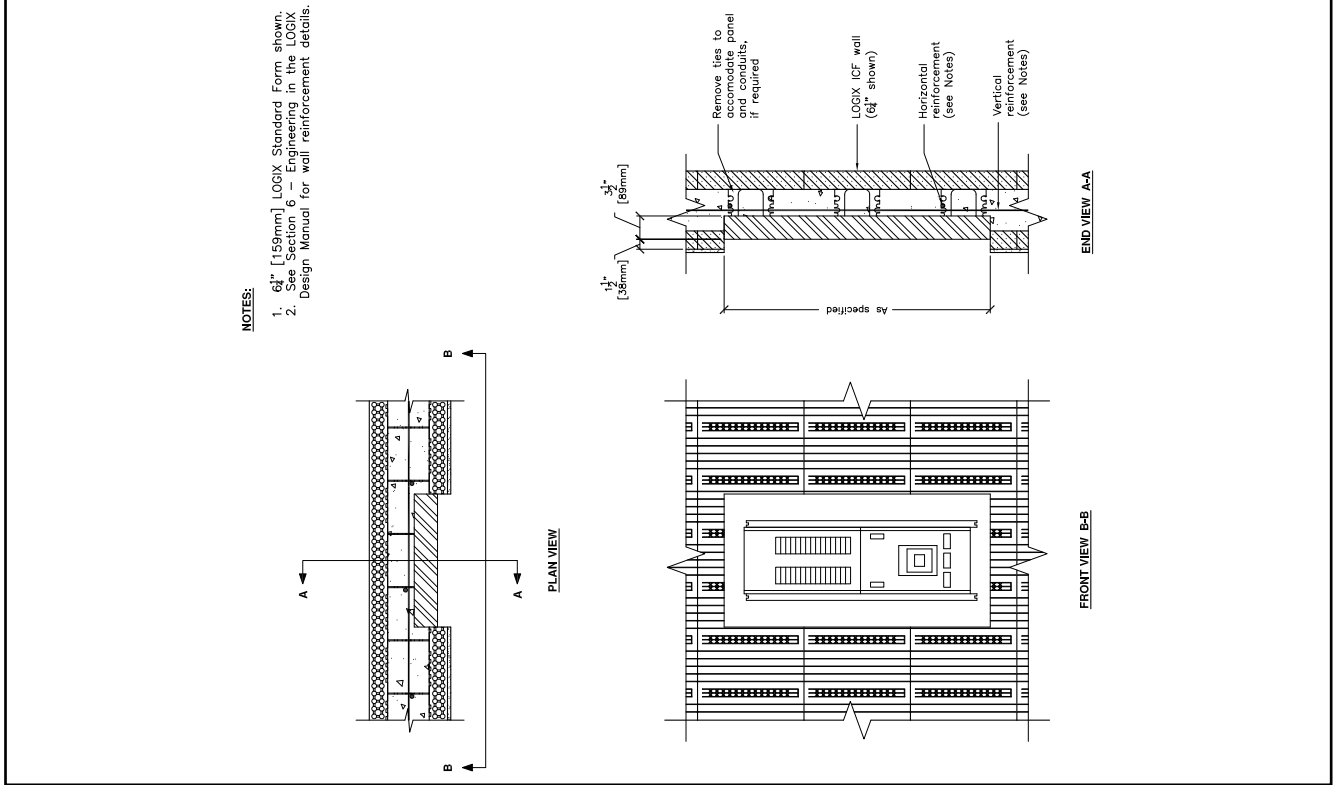
### 5.11.2.3 - GRAB BAR SUPPORT

### 5.11.2.4 - EMBEDDED VERTICAL PIPE

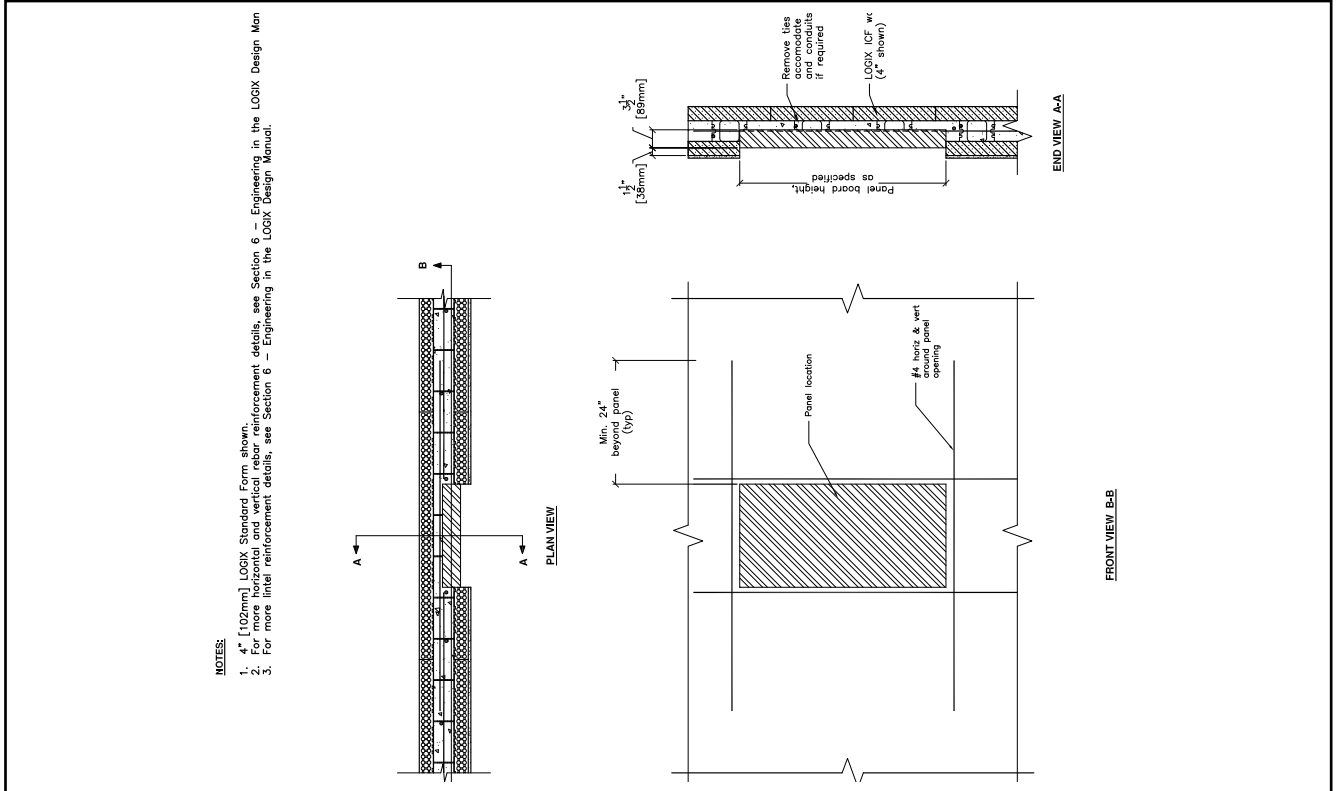


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.11.2.5 - PANELBOARD WITH LOGIX 6.25" & LARGER

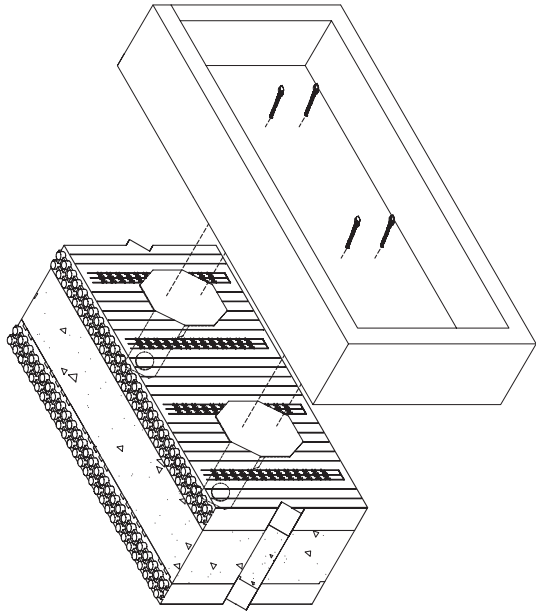


## 5.11.2.6 - PANELBOARD WITH LOGIX 4"



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.11.2.7 - SIMPSON STRONG TIE WITH CABINETS



CABINET INSTALLATION

NOTES:

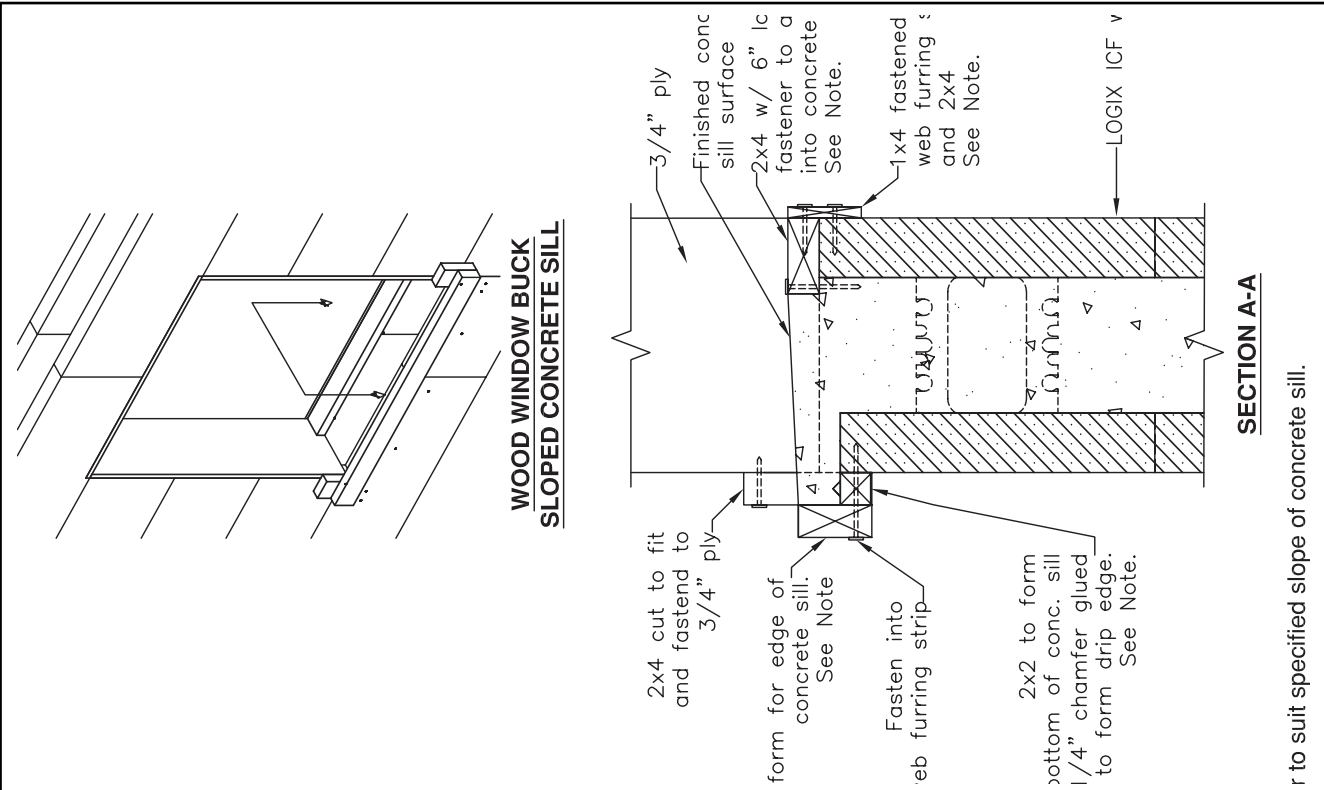
- 1. For more information visit [www.strongtie.com](http://www.strongtie.com).
- 2. Use extra caution when installing Simpson ICF Ledger Connection systems on both sides of a wall. Consult your local Simpson Strongtie rep or call Simpson Strongtie at (800) 999-5099 prior to installation.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

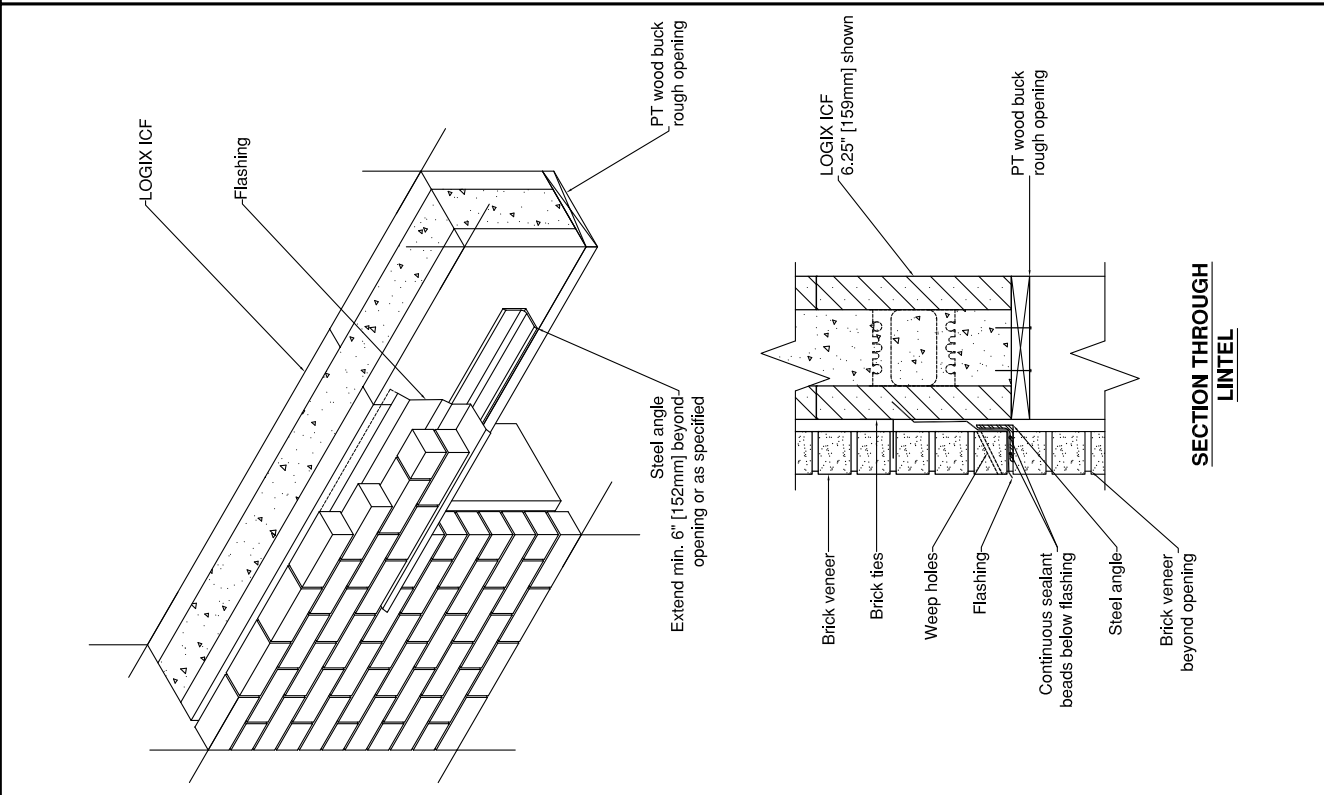
# 5.12 - WINDOW, DOOR & GARAGE OR BAY OPENINGS

## 5.12.1 - WINDOWS

### 5.12.1.2 - SLOPED CONCRETE SILL



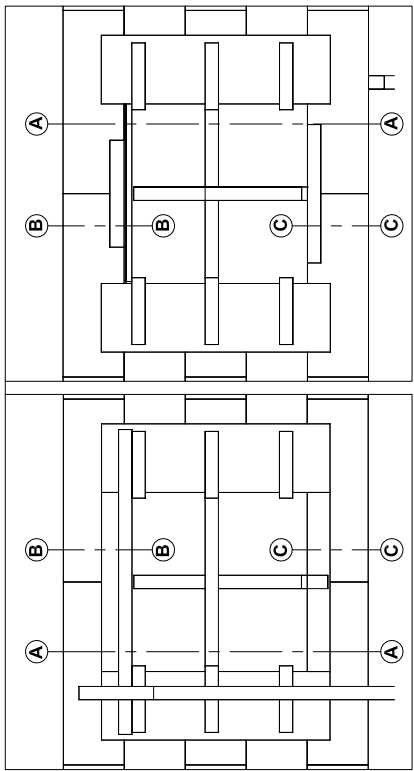
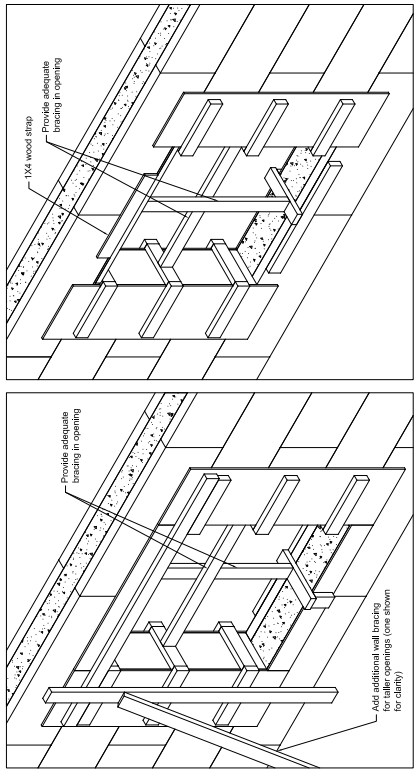
### 5.12.1.1 - STEEL LINTEL SUPPORTING BRICK VENEER



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

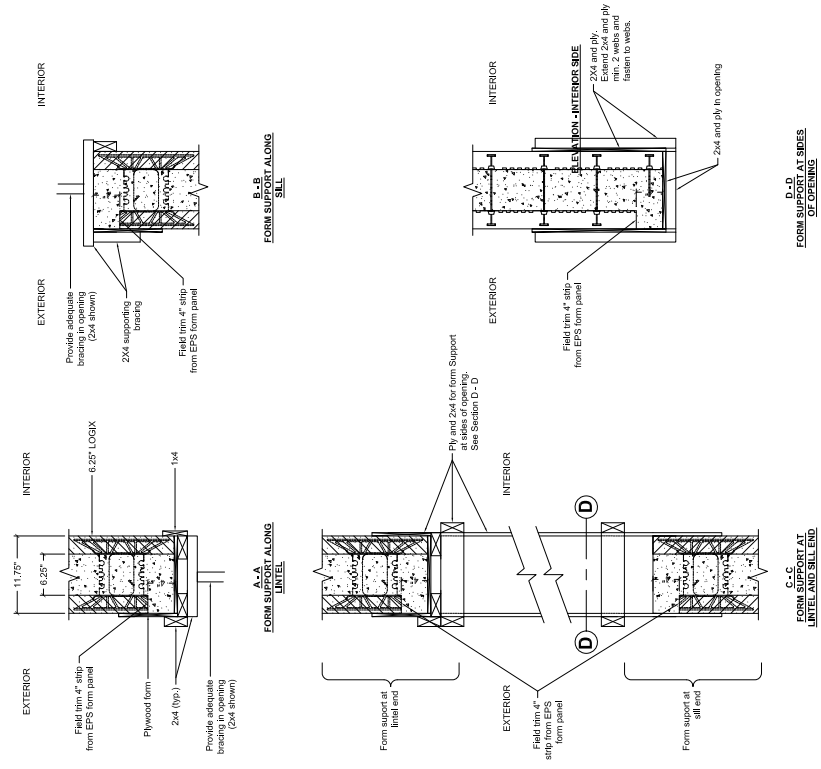


### 5.12.1.3 - TEMPORARY FORM SUPPORT FOR EXPOSED CONCRETE SILL



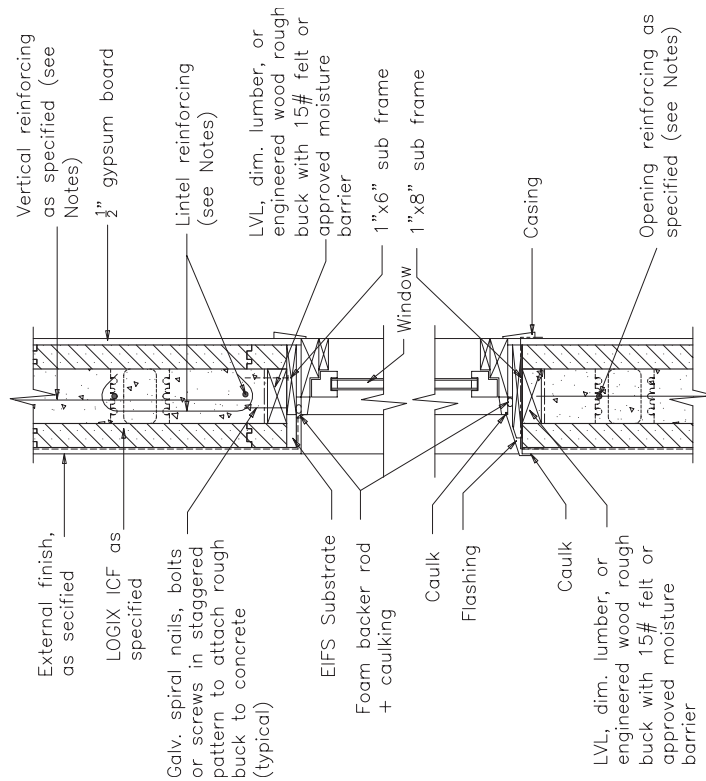
**NOTE:**  
1. For 4" exposed concrete form around opening on the exterior face apply same form support and detail as shown for exterior face details.  
2. Unless otherwise shown, temporary form work material includes 2x4 and plysheets.

### 5.12.1.4 - TEMPORARY FORM SUPPORT FOR EXPOSED CONCRETE SILL CONT'D



**NOTE:**  
1. For 4" exposed concrete form around opening on the exterior face apply same form support and detail as shown for exterior face details.  
2. Unless otherwise shown, temporary form work material includes 2x4 and plysheets.

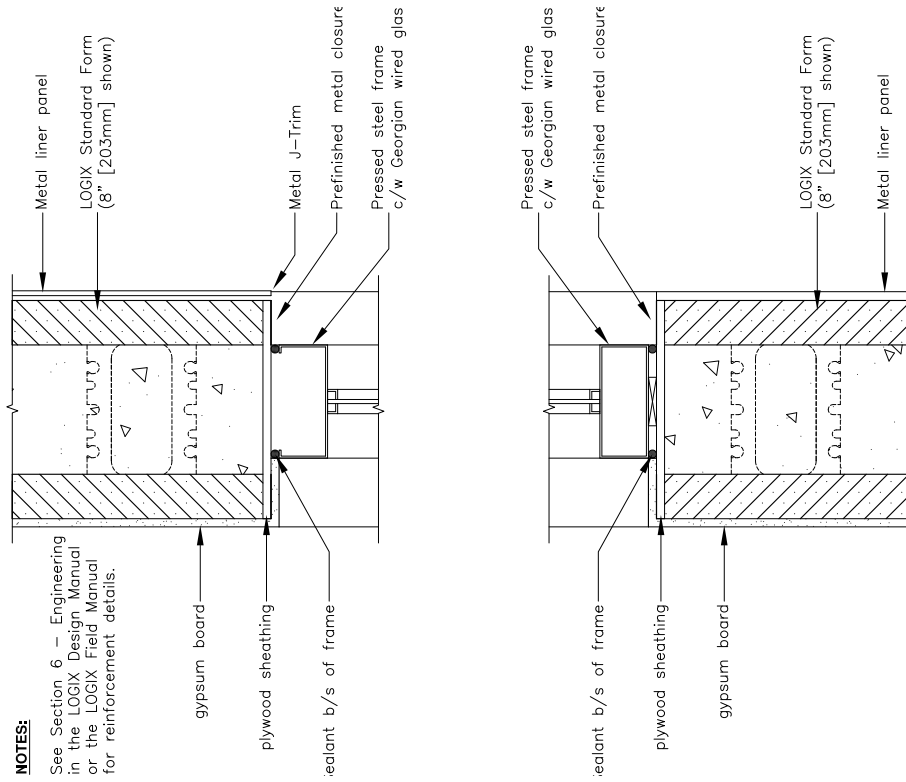
## 5.12.1.5 - WINDOW HEAD / SILL DETAIL



### NOTES:

1. For wall & lintel reinforcement, see LOGIX Product Manual Section 6, Engineering.

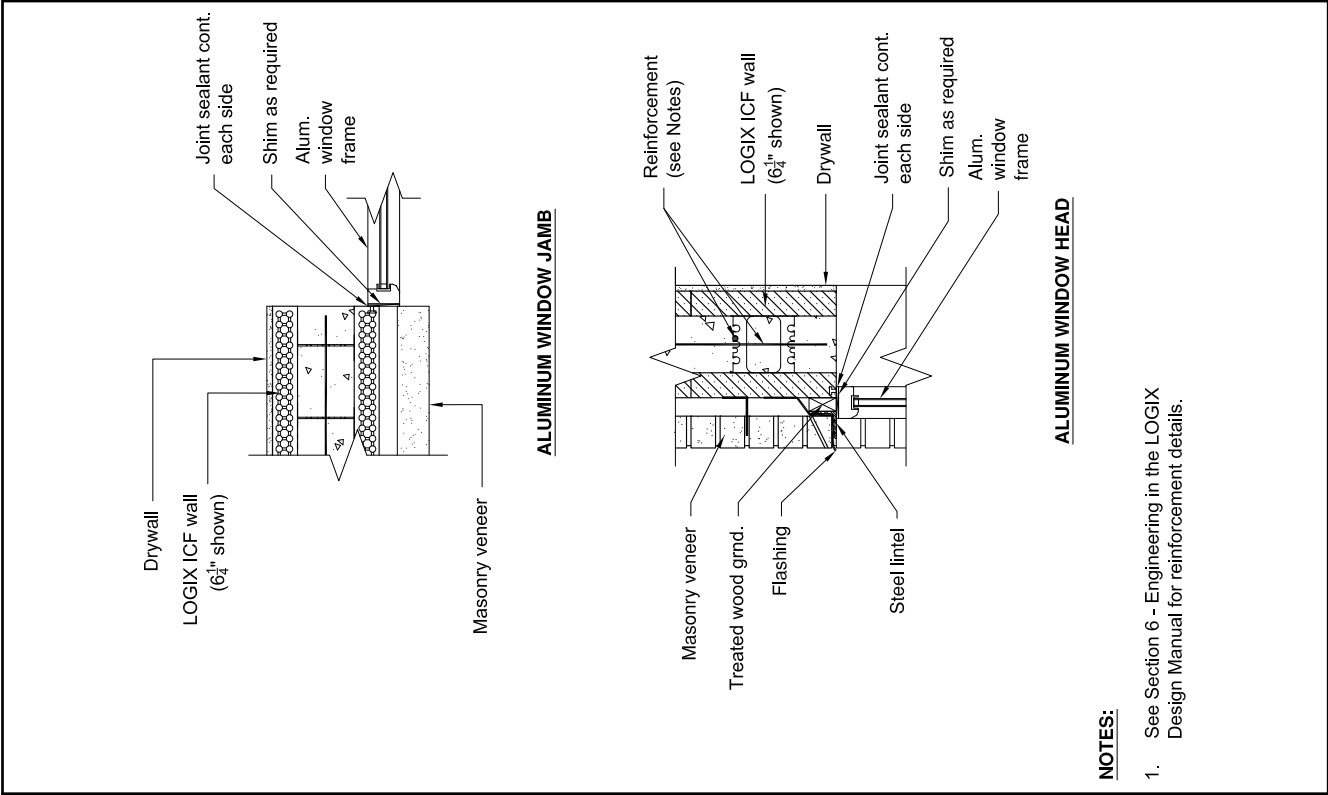
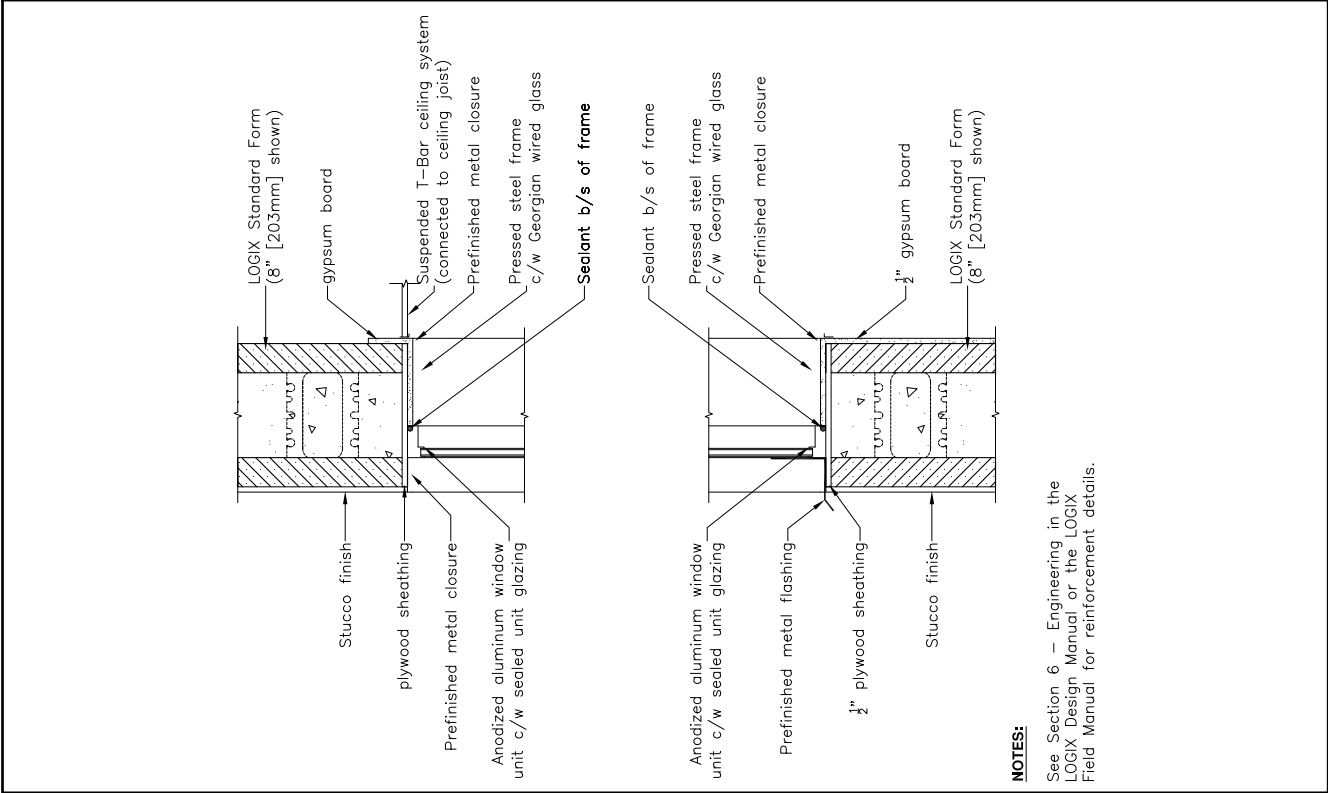
## 5.12.1.6 - WINDOW HEAD / SILL STEEL FRAME



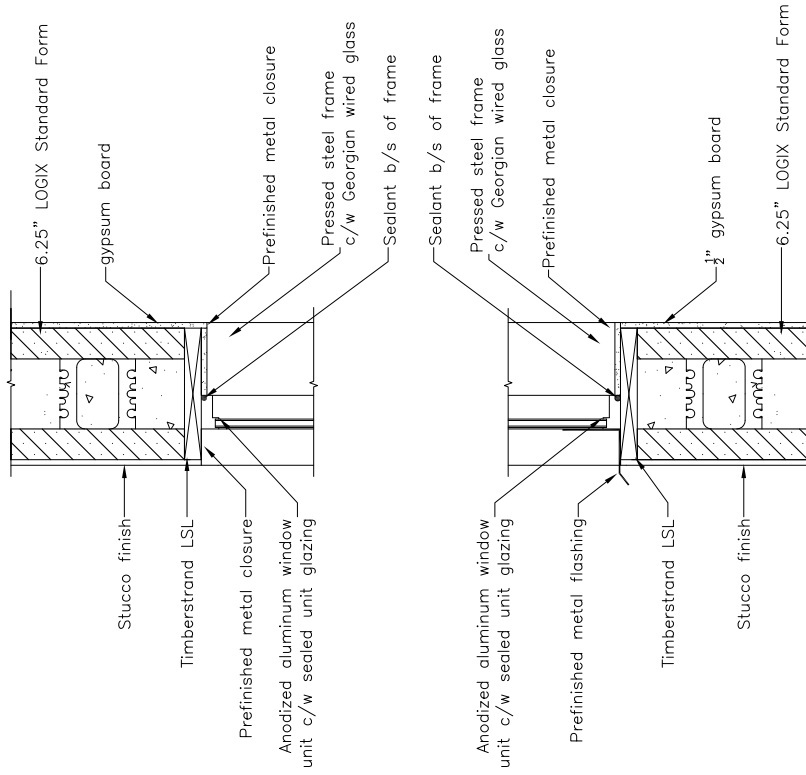
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.12.1.7 - ALUMINUM WINDOW HEAD / SILL

## 5.12.1.8 - ALUMINUM WINDOW FRAME



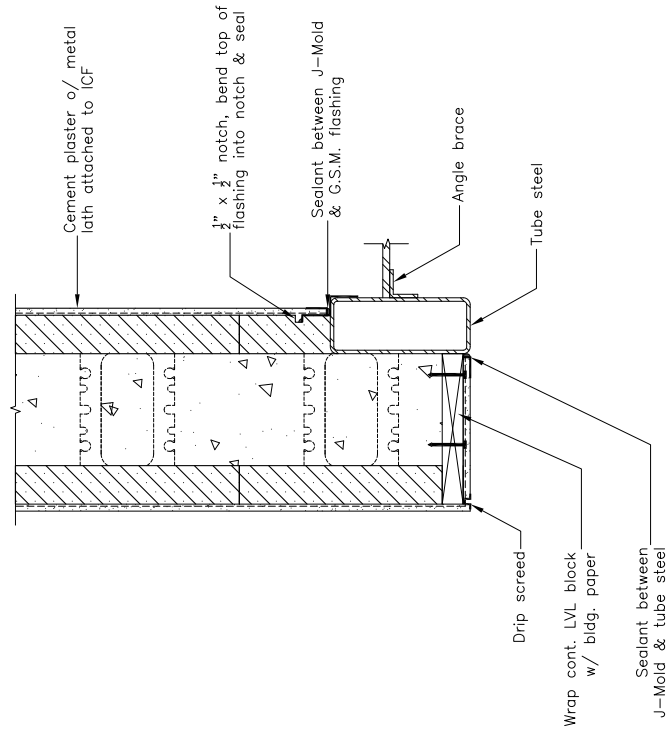
## 5.12.1.9 - ALUMINUM WINDOW HEAD / SILL WITH TIMBERSTRAND LSL



### NOTES:

See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.

## 5.12.1.10 - WINDOW SCREEN



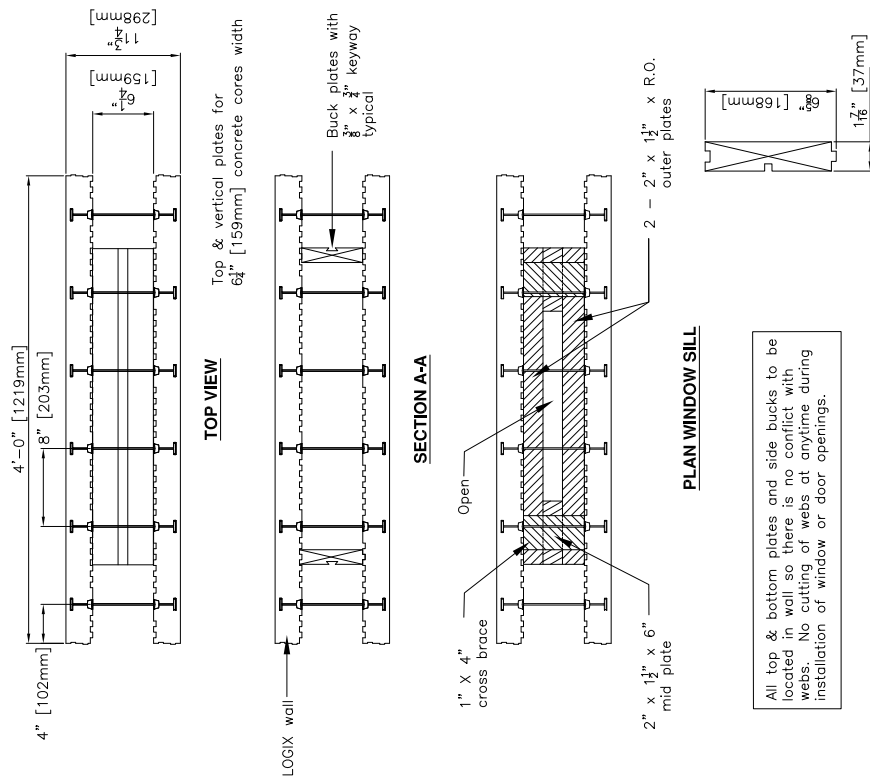
### NOTES:

See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.

### 5.12.1.12 - WINDOW WOOD BUCK DETAILS

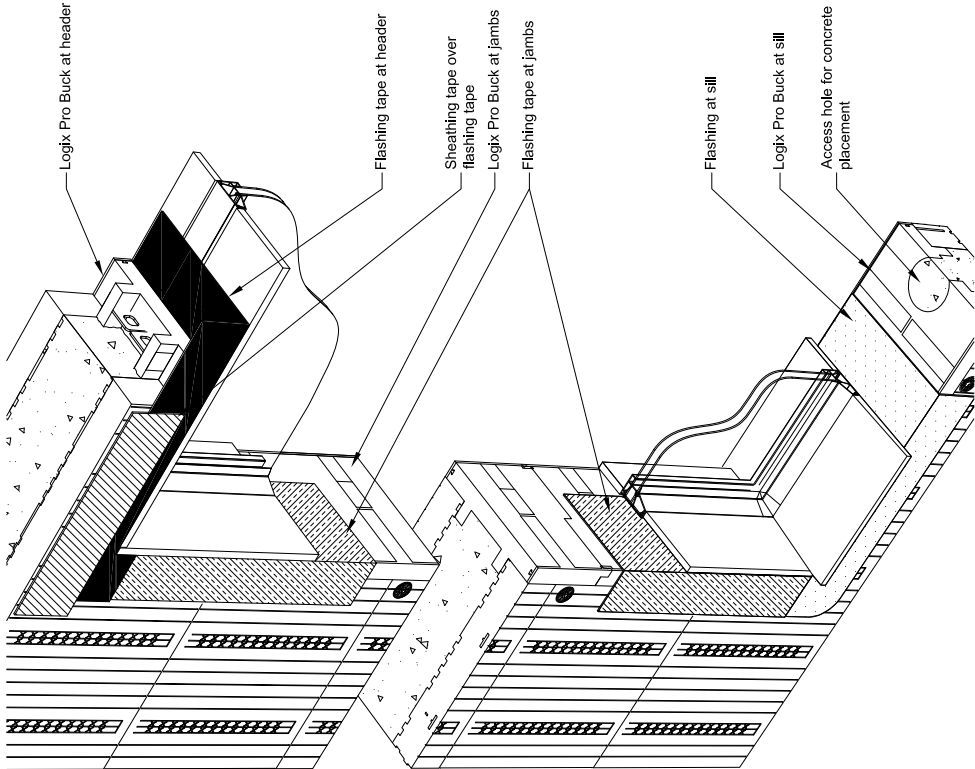


### 5.12.1.14 - D-RV WITH WICK DRAIN

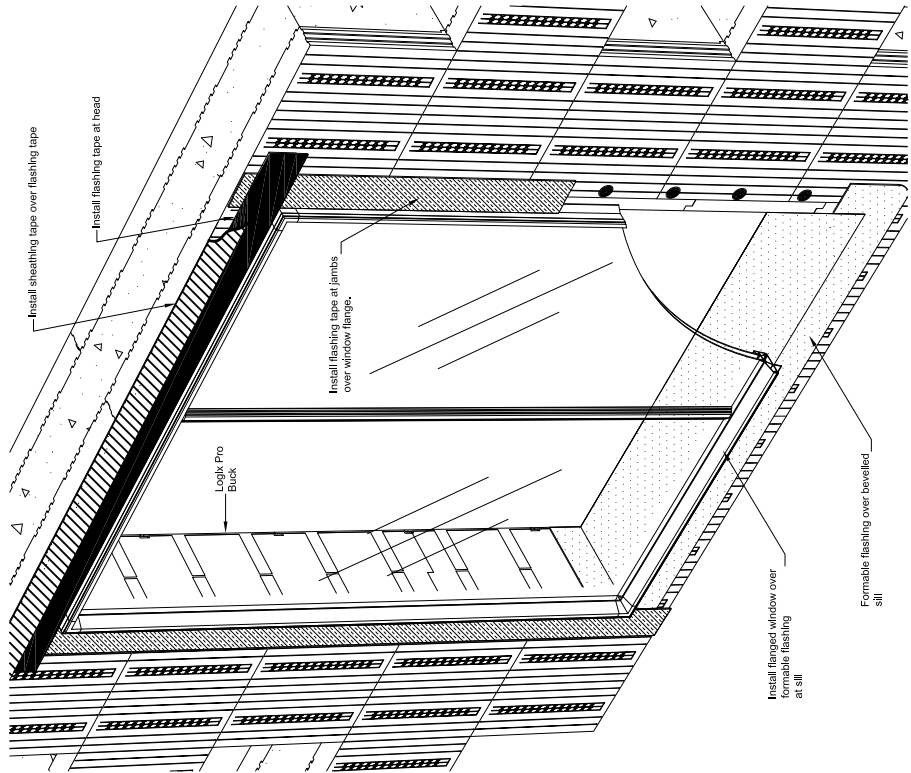


## CAD DRAWINGS - WINDOW, DOOR & GARAGE OR BAY OPENINGS

## 5.12.1.15 - LOGIX PRO BUCK INSET WINDOW FLASHING

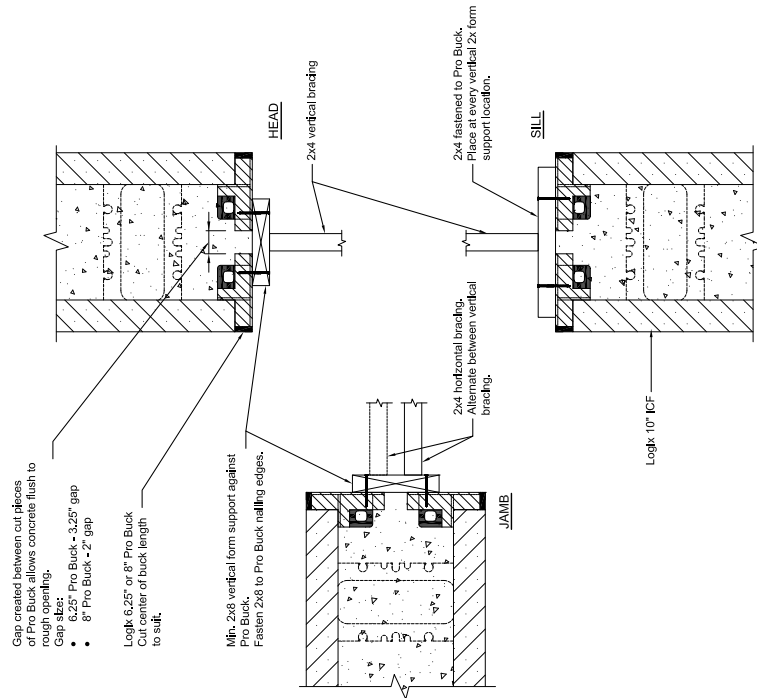


## 5.12.1.16 - LOGIX PRO BUCK FLANGED WINDOW FLASHING



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.12.1.17 - 10" PRO BUCK ASSEMBLY (OPTION 1)

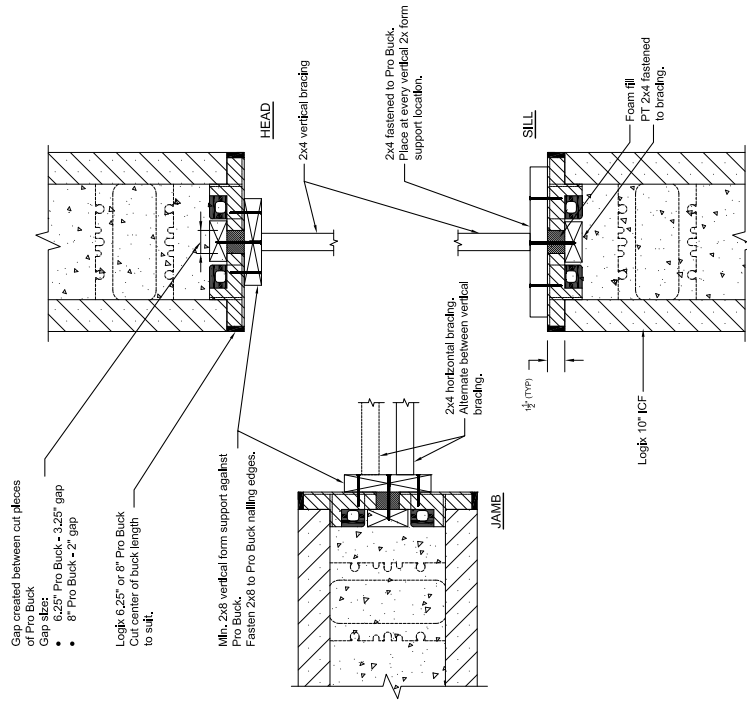


**NOTES:**

1. Refer to the Logix Pro Buck Installation Guide for detailed information.
2. At all locations provide min. 4" diameter access ports to allow for adequate concrete placement and consolidation.

**CONCRETE FLUSH TO ROUGH OPENING**  
OPTION

## 5.12.1.18 - 10" PRO BUCK ASSEMBLY (OPTION 2)



**NOTES:**

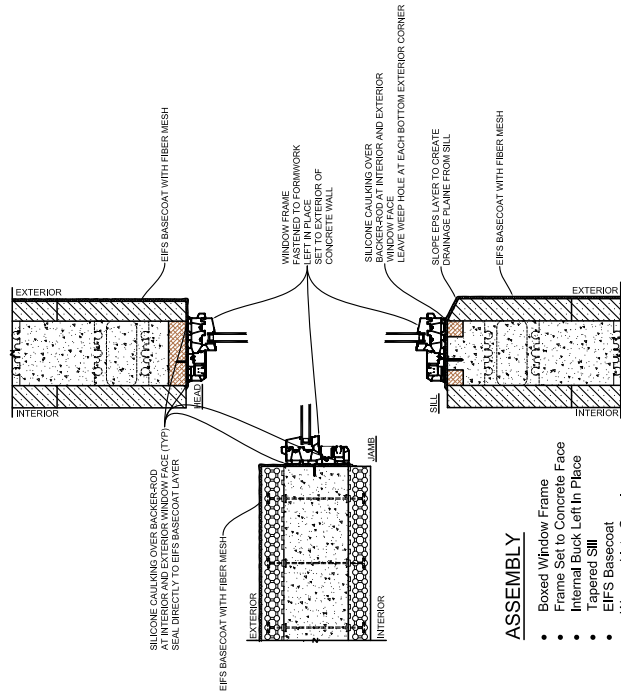
1. Refer to the Logix Pro Buck Installation Guide for detailed information.
2. At all locations provide min. 4" diameter access ports to allow for adequate concrete placement and consolidation.

**PT WOOD AND FOAM FILL**  
OPTION

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



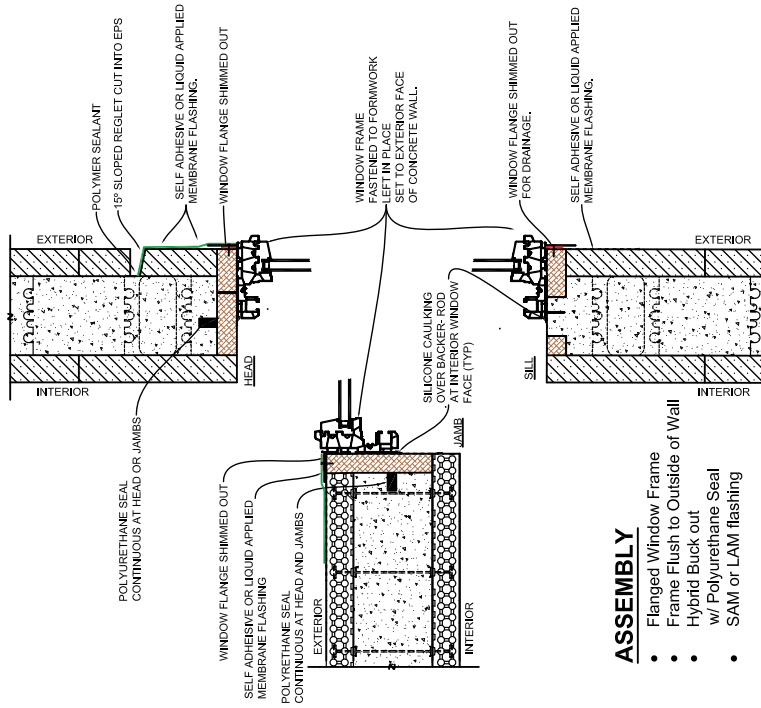
## 5.12.1.19 - EIFS BASECOAT



### ASSEMBLY

- Boxed Window Frame
- Frame Set to Concrete Face
- Internal Buck Left in Place
- Tapered Sill
- EIFS Basecoat
- Wrapped Into Opening

## 5.12.1.20 - EXTERNAL BUCK FLASHING

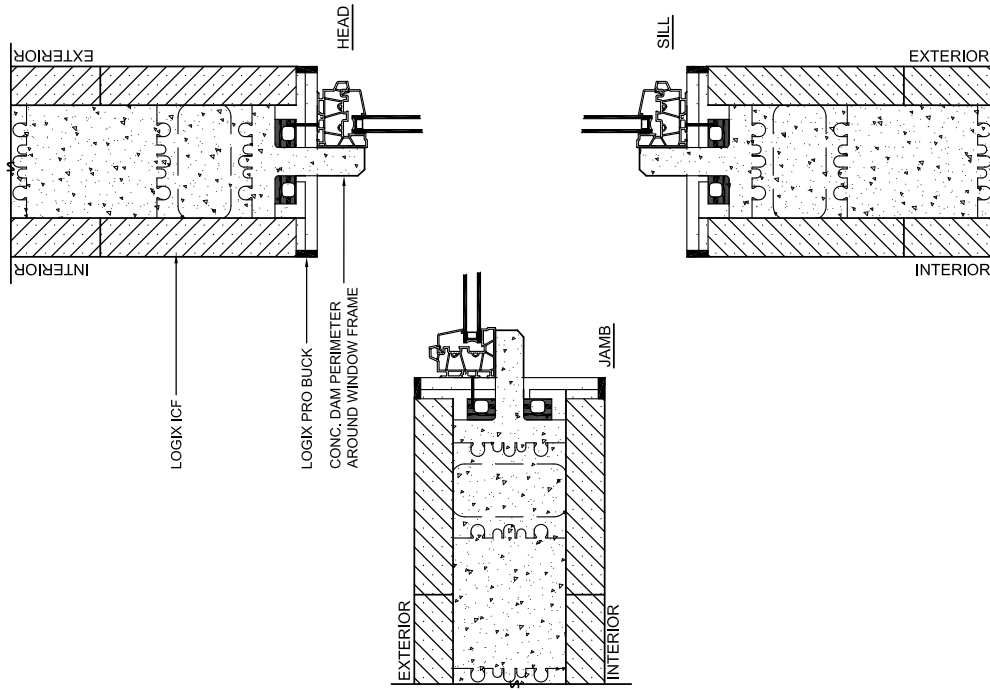


### ASSEMBLY

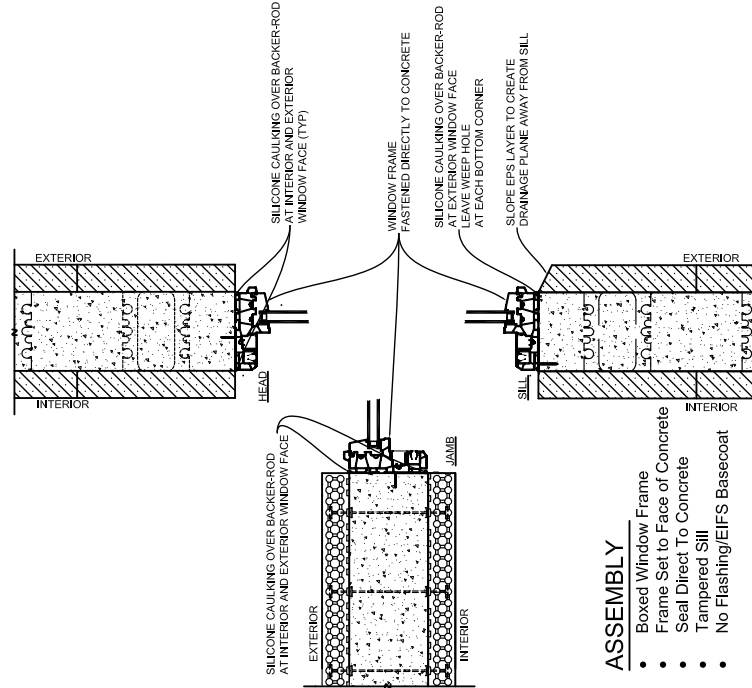
- Flanged Window Frame
- Frame Flush to Outside of Wall
- Hybrid Buck out
- w/ Polyurethane Seal
- SAM or LAM flashing

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.12.1.22 - LOGIX PRO BUCK WITH CONCRETE DAM PERIMETER



## 5.12.1.21 - DIRECT TO CONCRETE



### ASSEMBLY

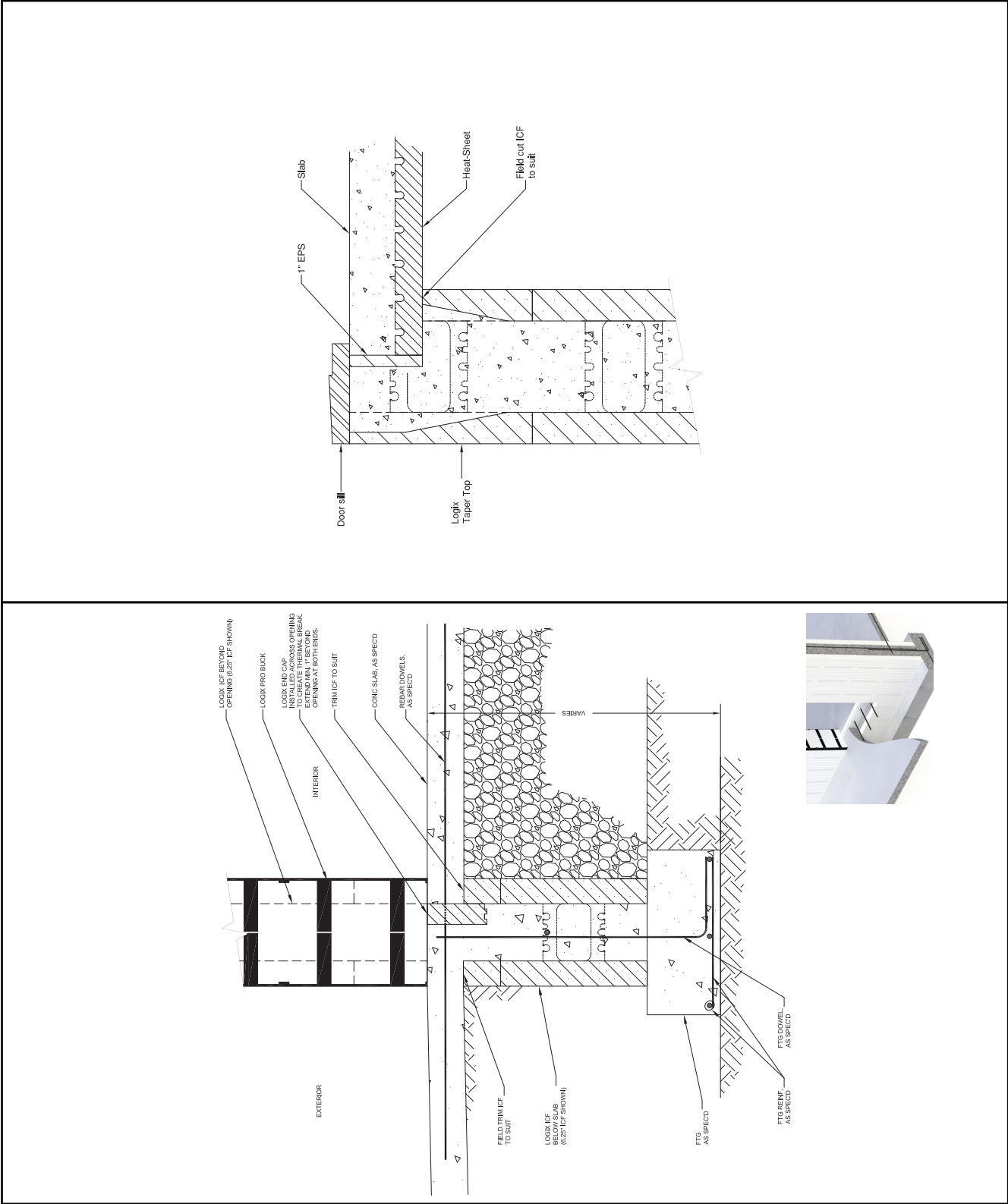
- Boxed Window Frame
- Frame Set to Face of Concrete
- Seal Direct To Concrete
- Tamped Sill
- No Flashing/EIFS Basecoat

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.12.2 - DOORS

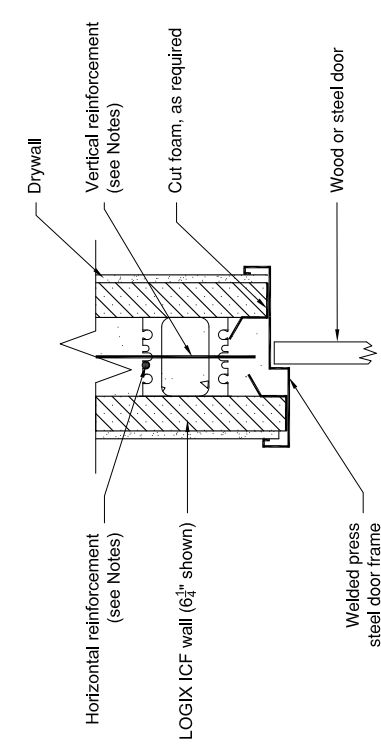
5.12.2.1 - THERMAL BREAK AT THRESHOLD WITH LOGIX END CAP

5.12.2.2 - THERMAL BREAK AT THRESHOLD WITH LOGIX TAPER TOP

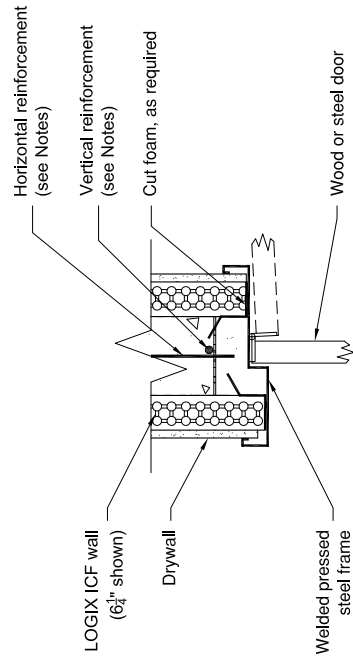


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.12.2.3 - WELDED PRESS STEEL DOOR FRAME - CENTER MOUNTED



**INTERIOR DOOR FRAME - HEAD  
CENTER MOUNTED DOOR**

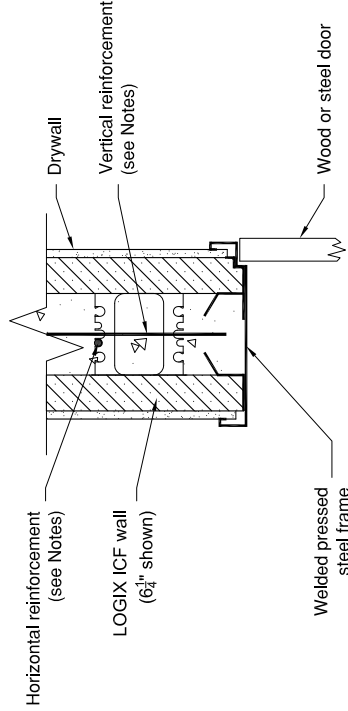


**INTERIOR DOOR FRAME - JAMB  
CENTER MOUNTED DOOR**

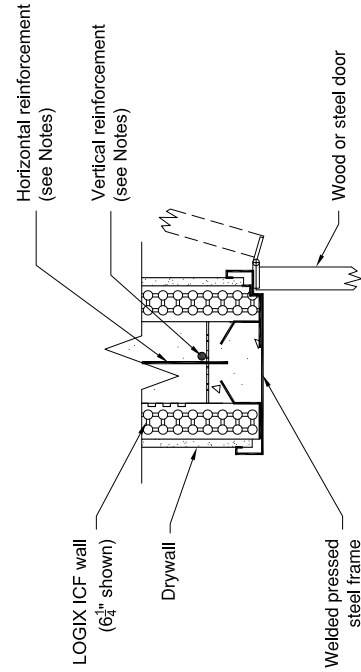
**NOTES:**

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

### 5.12.2.4 - WELDED PRESSED STEEL DOOR FRAME - FLUSH MOUNTED



**INTERIOR DOOR FRAME - HEAD  
FLUSH MOUNTED DOOR**



**INTERIOR DOOR FRAME - JAMB  
FLUSH MOUNTED DOOR**

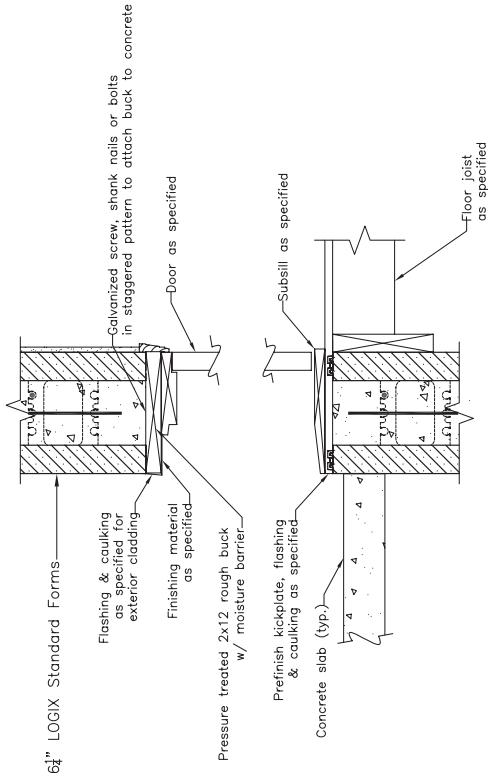
**NOTES:**

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

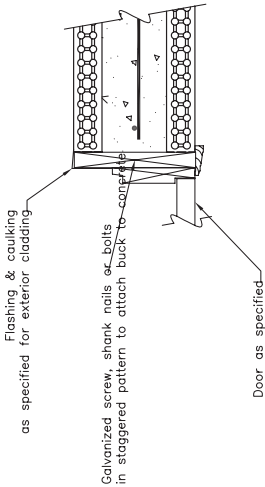
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.12.2.45 - TYPICAL DOOR FRAMING

5.12.2.56 - BRICK VENEER OVER DOOR  
OPENING

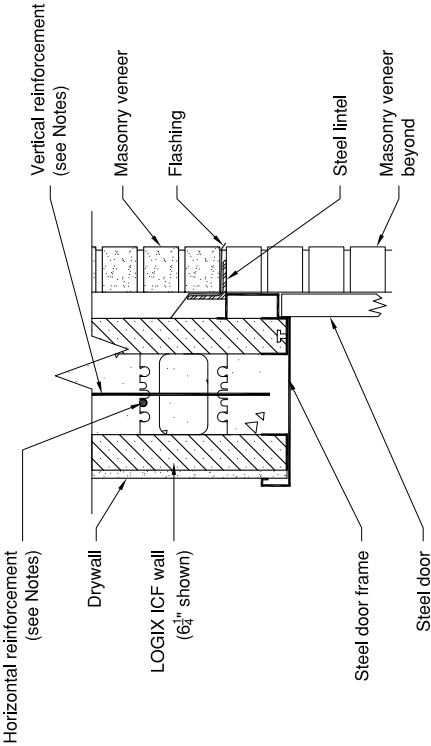


DOOR HEAD & SILL USING WOOD BUCKS



DOOR JAMB USING WOOD BUCKS

NOTES:  
See Section 6 – Engineering in the LOGIX  
Product Manual for reinforcement details.

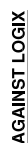


NOTES:

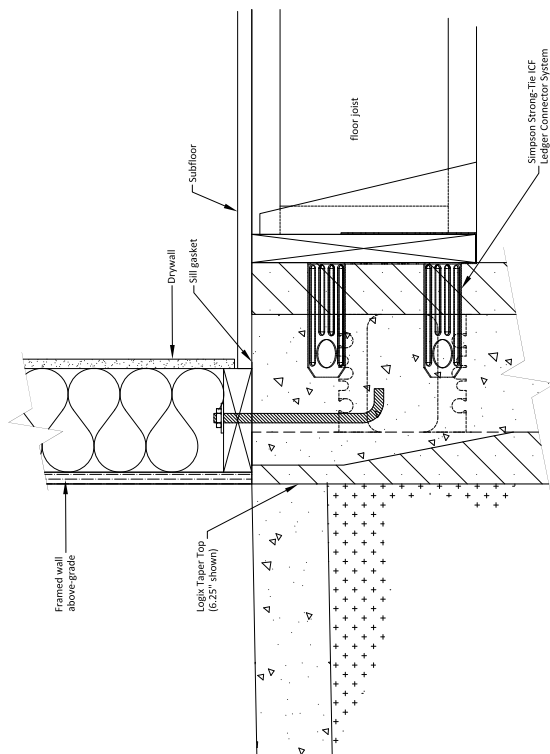
1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.



## 5.12.2.67 - ZERO ENTRY DETAIL



**NOTES:**  
See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.



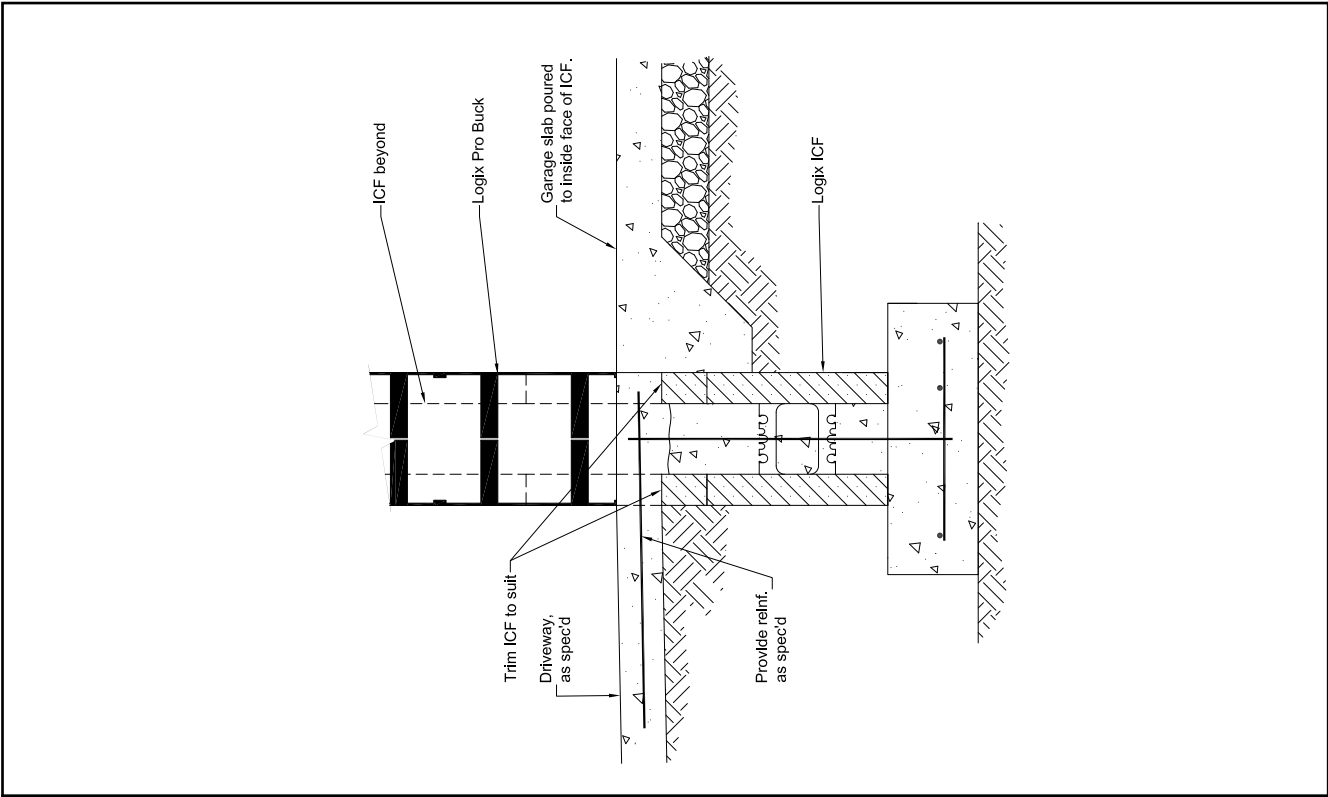
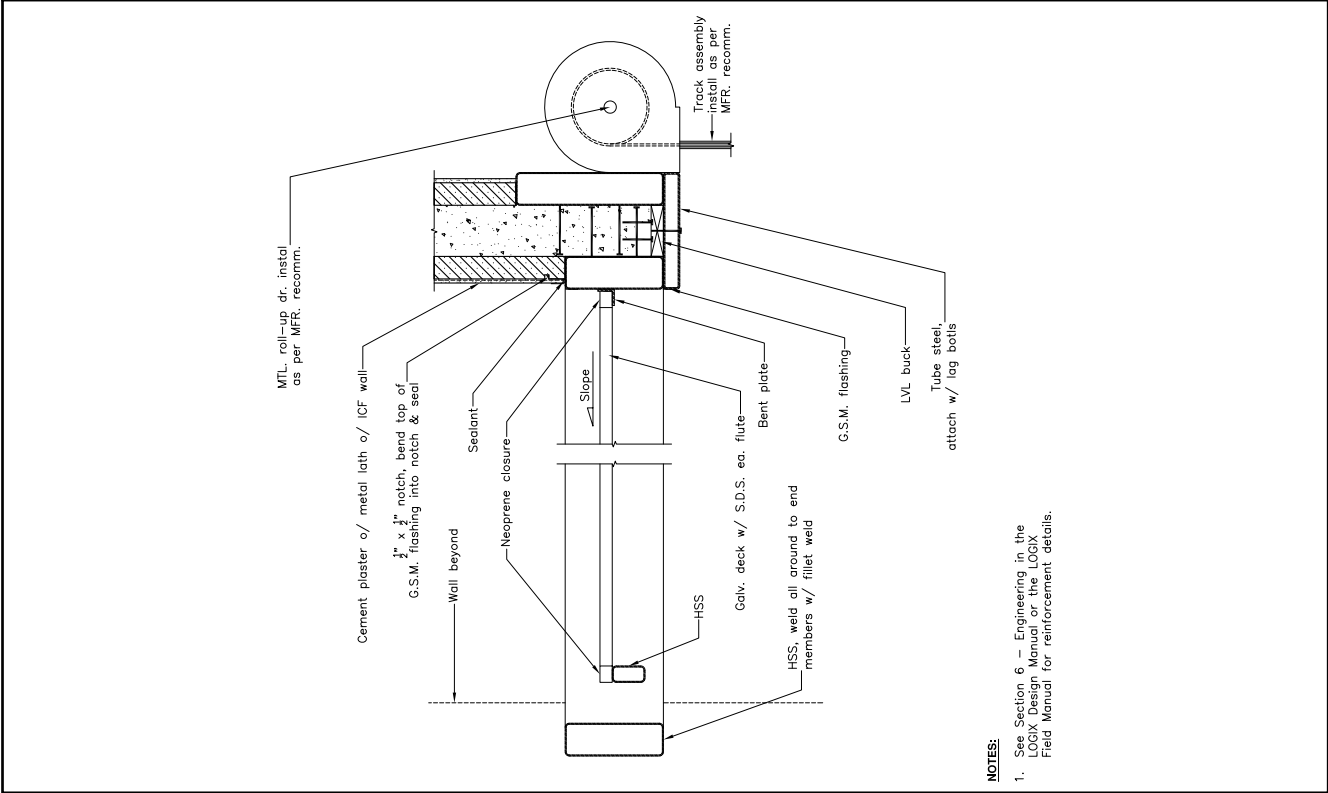
**NOTES:**

1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.
2. For spacing of Simpson Strongtie ICF Ledger Connection Systems refer to Section 2.12.4 of the LOGIX Design Manual.

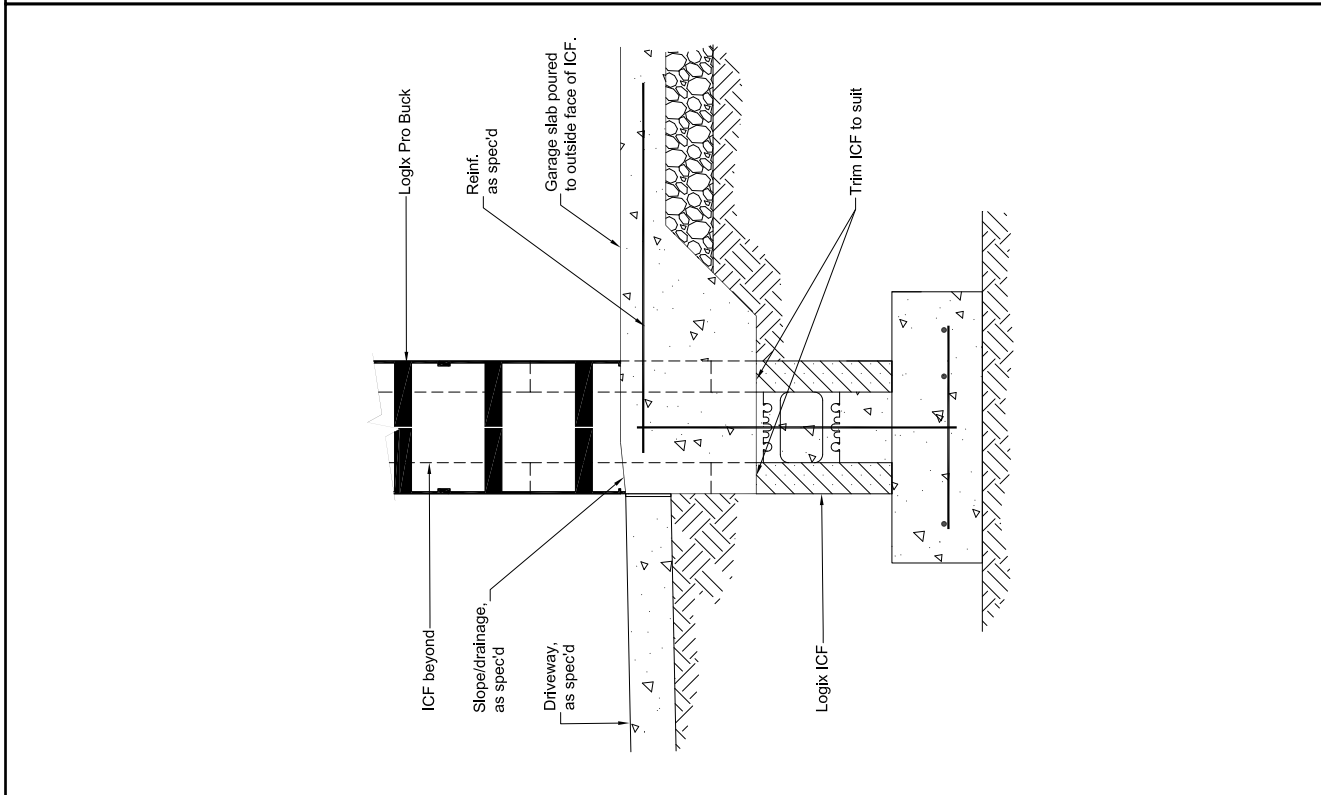
## CAD DRAWINGS - WINDOW, DOOR & GARAGE OR BAY OPENINGS

### 5.12.3.2 - CANOPY & ROLL-UP DOOR

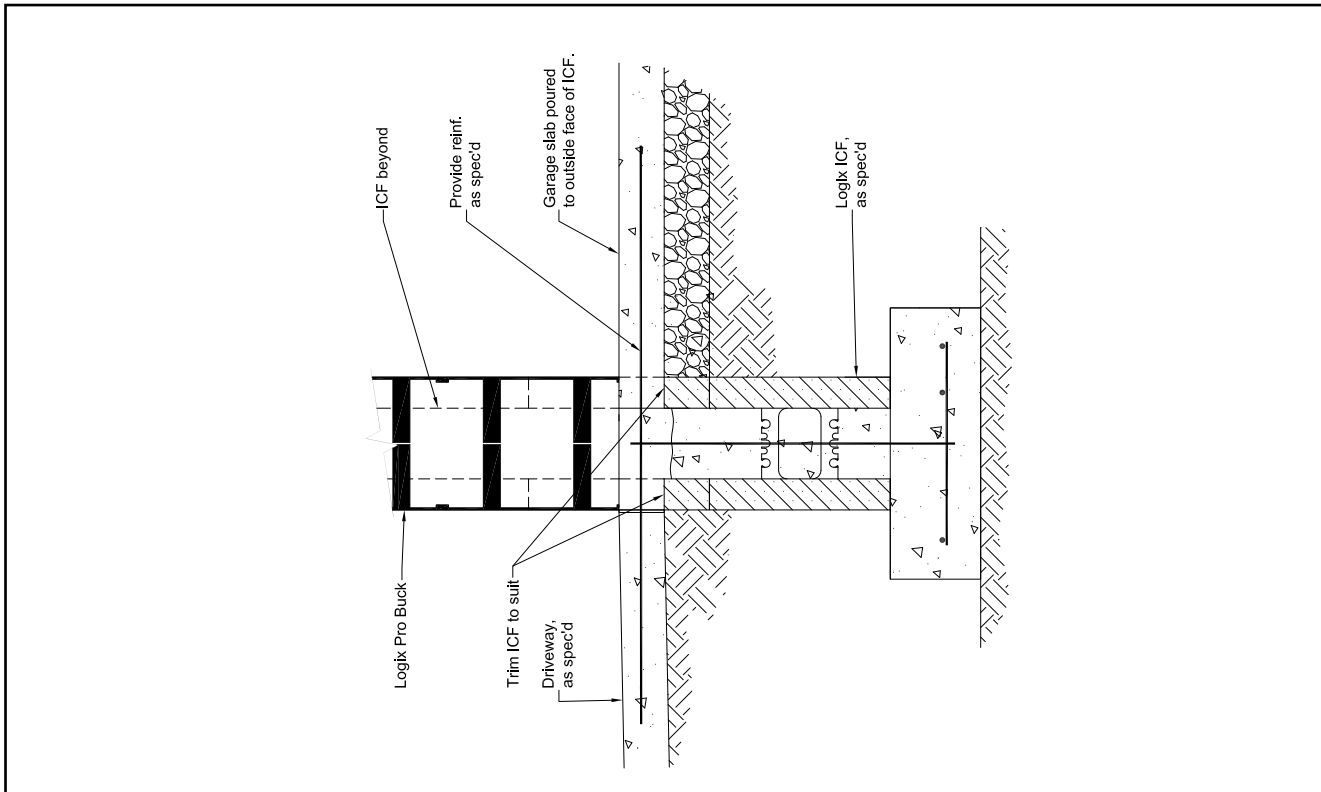
### 5.12.3.3 - GARAGE OPENING DRIVEWAY TIED TO ICF



### 5.12.3.4- GARAGE OPENING THICKENED SLAB TIED TO ICF



### 5.12.3.5 - GARAGE OPENING TIED TO SLAB

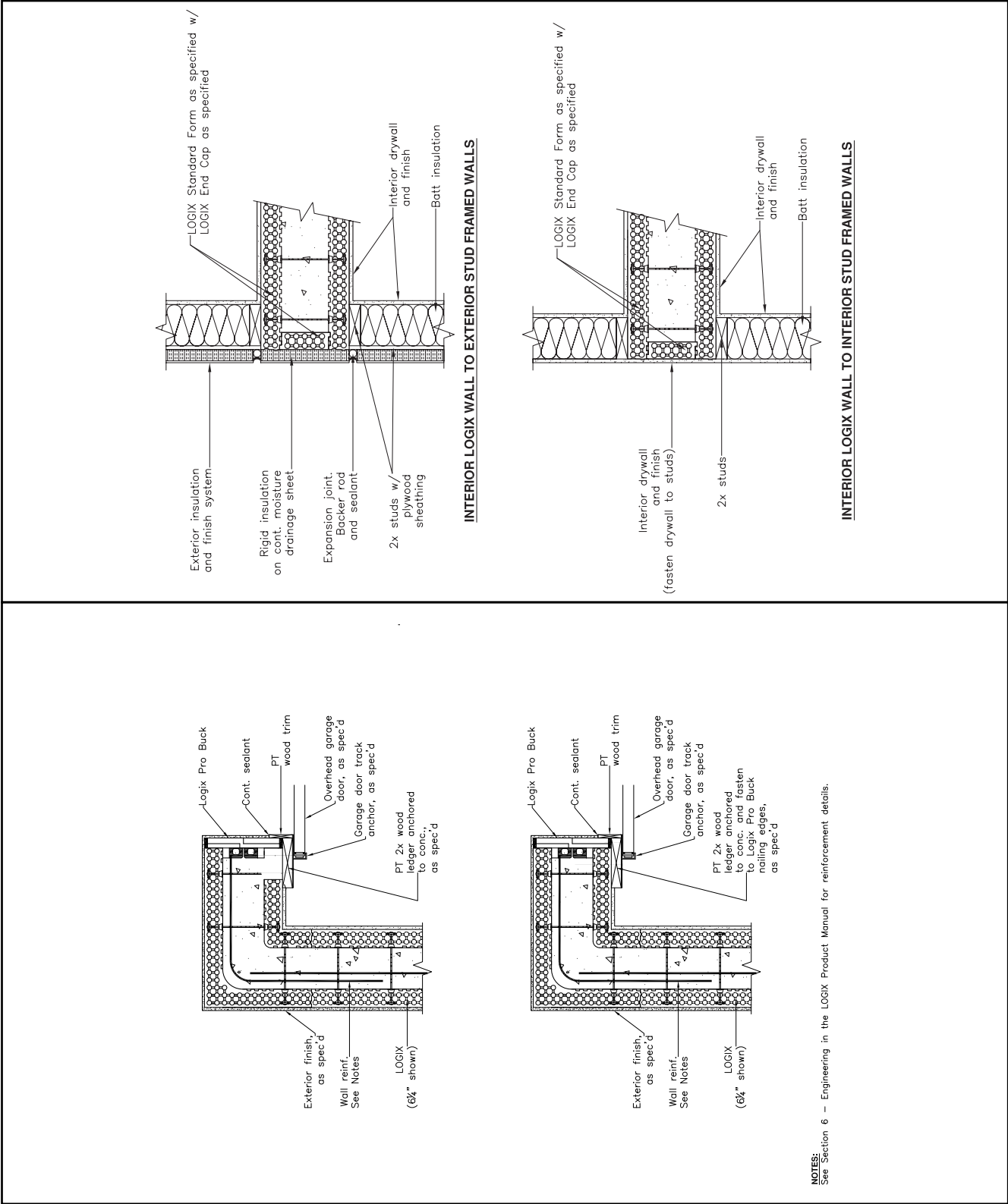


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



5.12.3.6 - OVERHEAD GARAGE DOOR WITH LOGIX PRO BUCK

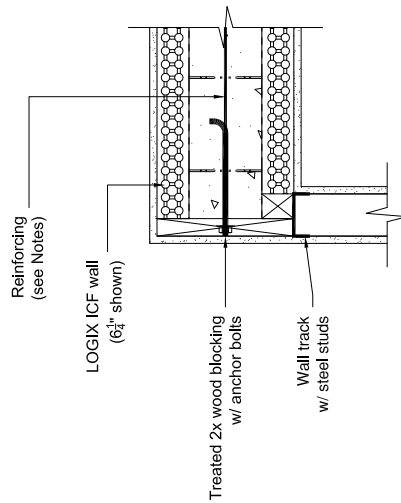
5.13.1.1 - ATTACHMENT TO STUD FRAMED WALLS



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.13.1.2 - FRAMED WALL CLOSURE ATTACHMENT

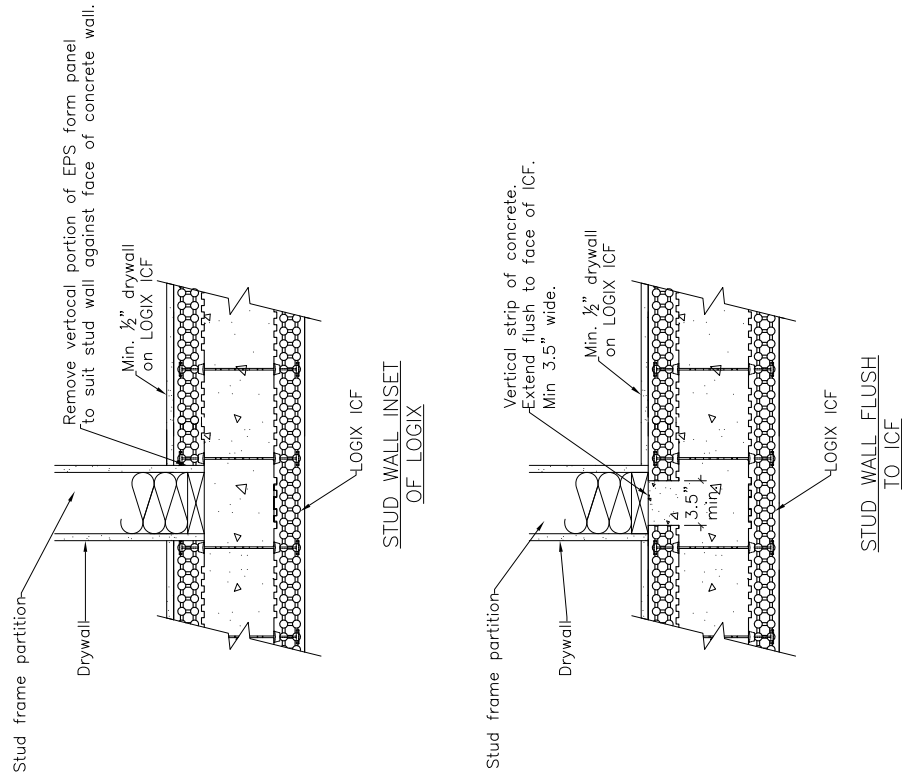
## 5.13.1.3 - 1 HOUR FIRE RATED WALL DETAIL AT PARTITION/ICF WALL JOINT



### NOTES:

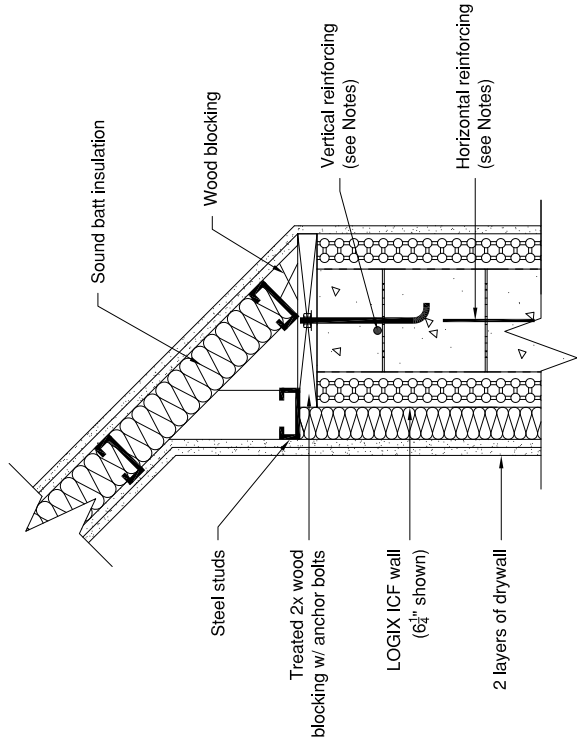
1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

7/6/2013 12:55 PM



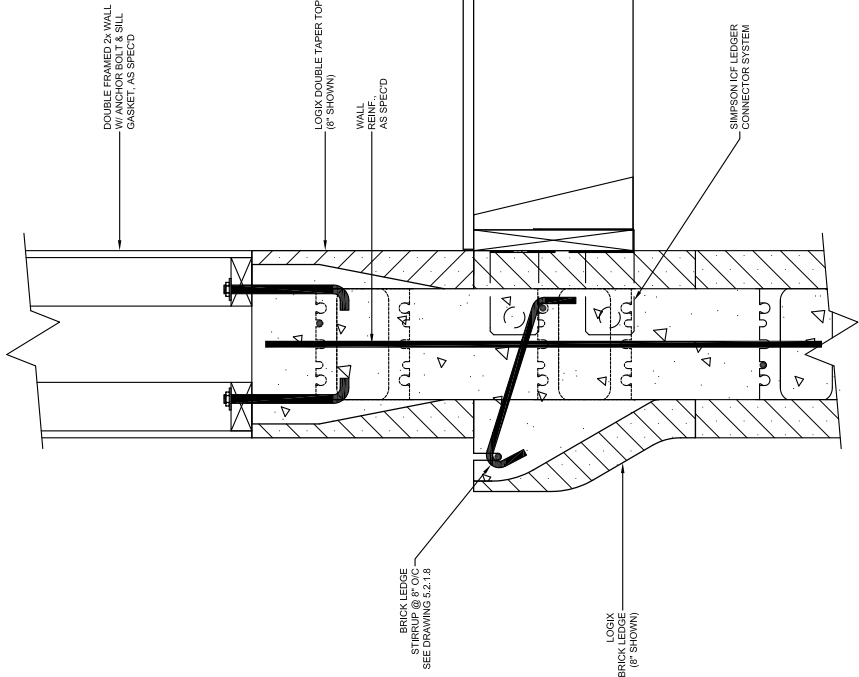
### 5.13.1.4 - ANGLE STUD FRAMED WALL ATTACHMENT

### 5.13.1.5 - DOUBLE FRAMED WALL ON LOGIX ICF WITH BRICK LEDGE



**NOTES:**

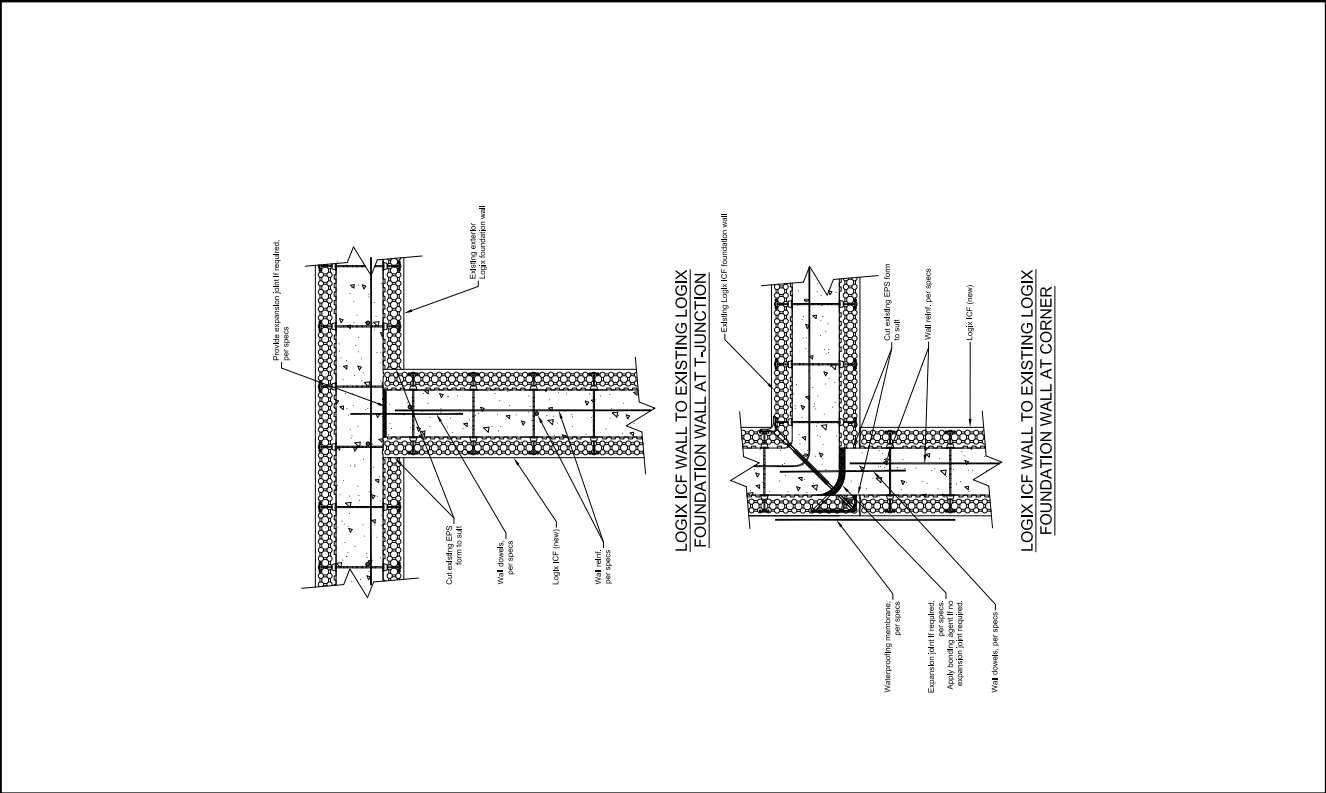
1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.



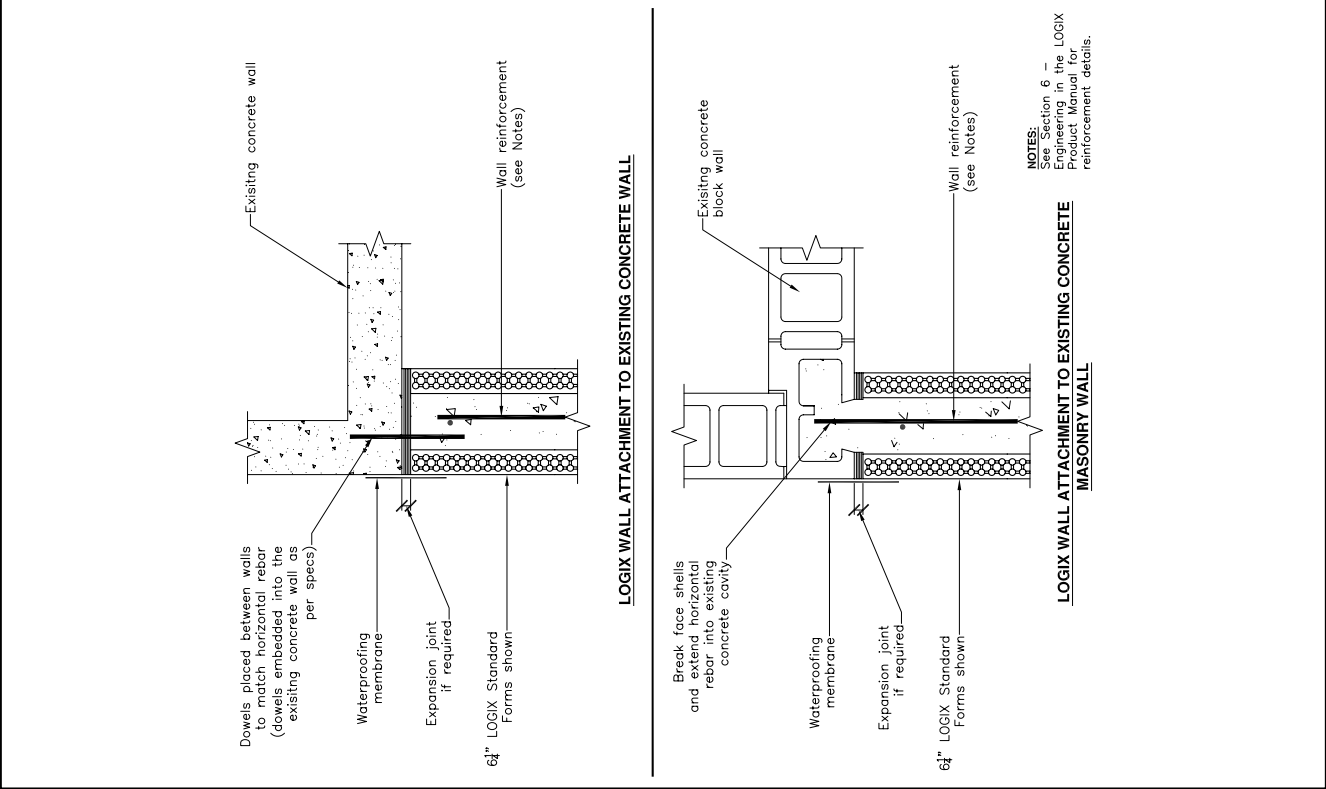
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.13.2 - EXISTING WALLS

5.13.2.2 - LOGIX ICF TO EXISTING LOGIX ICF FOUNDATION



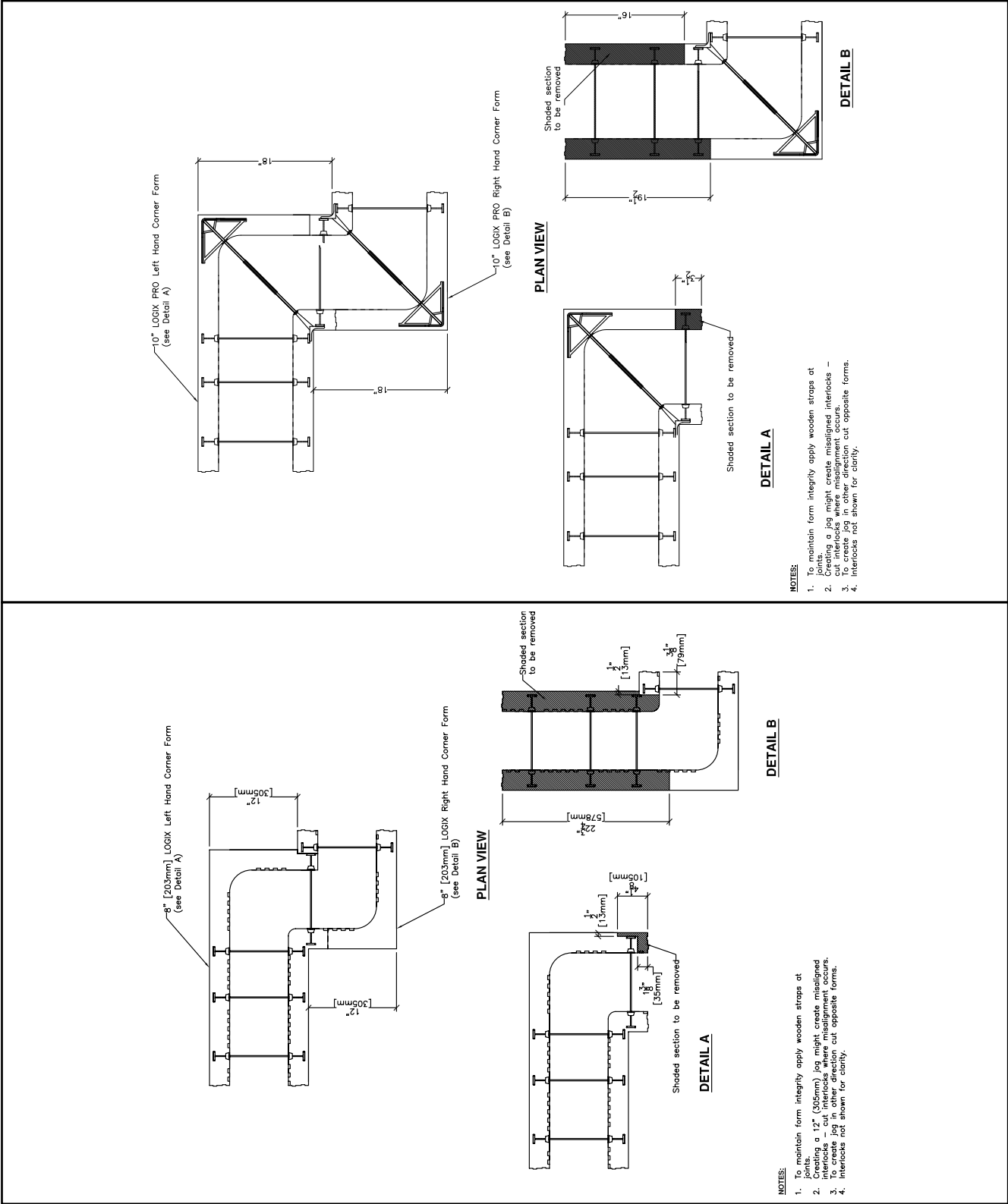
5.13.2.1 - ATTACHING TO EXISTING CONCRETE WALL



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.13.3.1 - 12" WALL JOGS WITH LOGIX 8" ICF

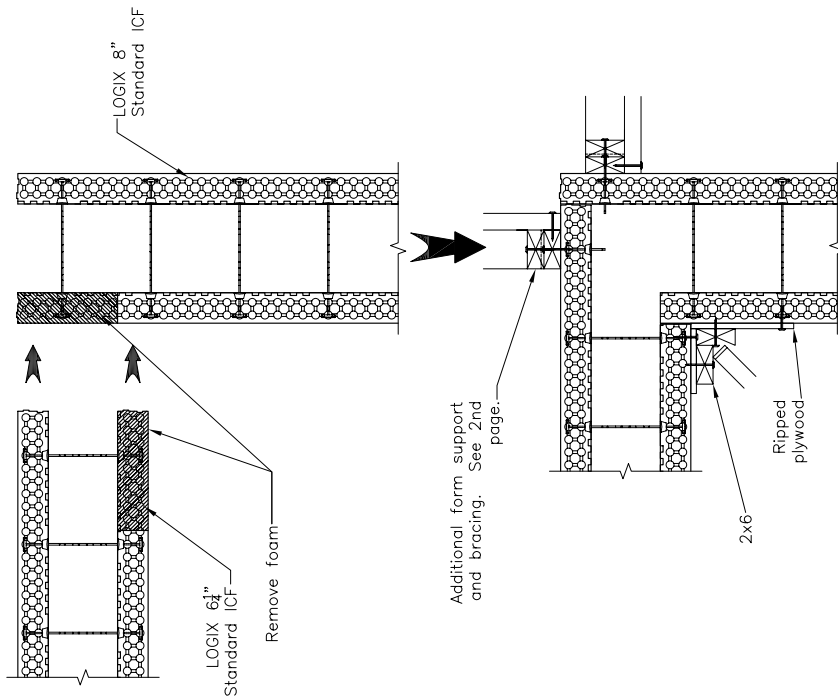
5.13.3.2 - 18" WALL JOGS WITH LOGIX 10" ICF



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

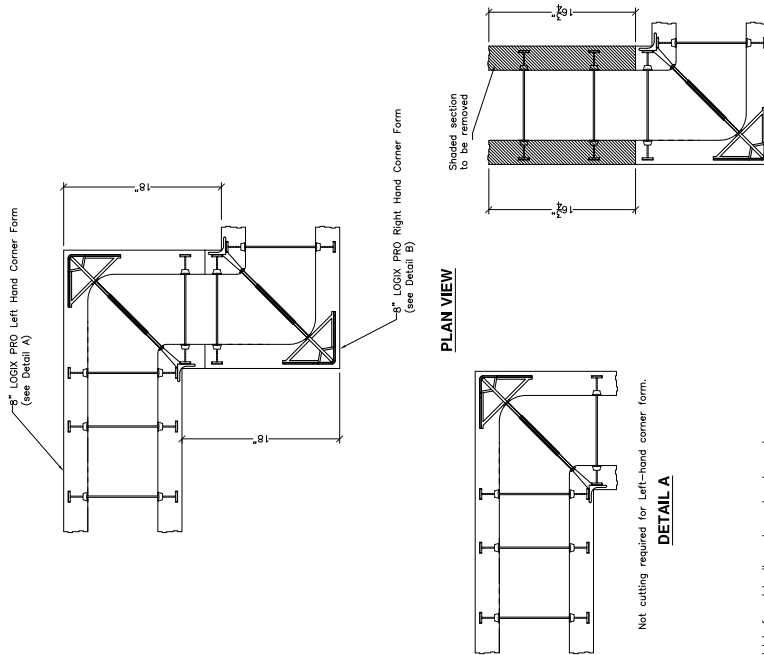
5.13.4 - WALL TRANSITIONS

5.13.4.1 - HORIZONTAL TRANSITION - 6.25" TO 8" CORNER WALLS



- Notes:**
1. These drawings illustrate an example of wall bracing for horizontal wall transitions at corners. The contractor shall practice sound judgement (based on wall structure, pouring sequence and other site conditions) to determine if additional form support and bracing is required.
  2. Avoid placing concrete directly into the corners.
  3. Follow all required national and local wall brace safety regulations.
  4. See page 2 for perspective views.

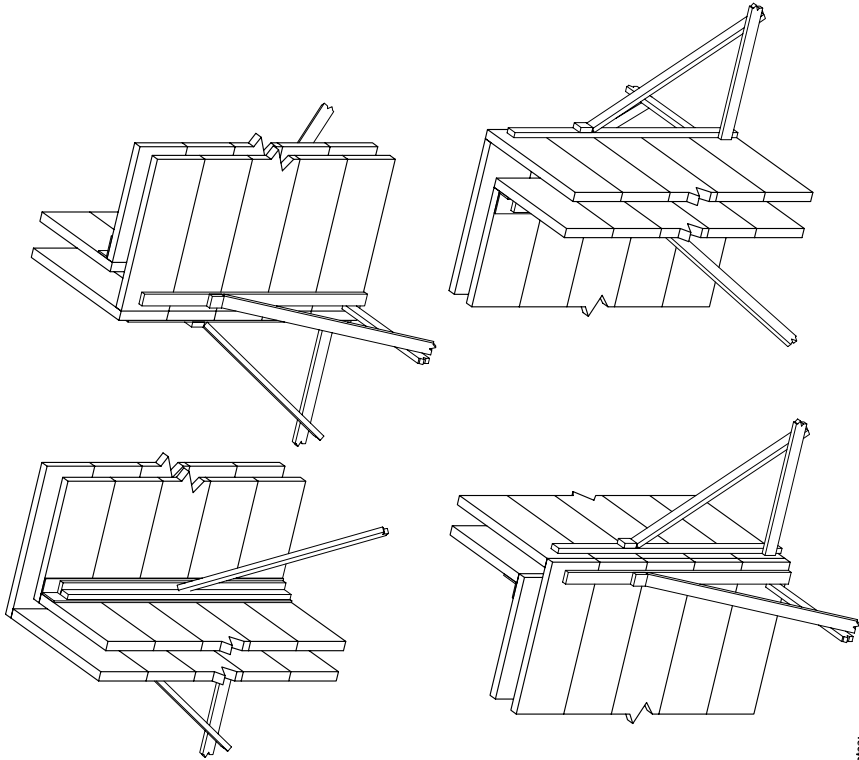
5.13.3.3 - 18" WALL JOGS WITH 8" LOGIX ICF



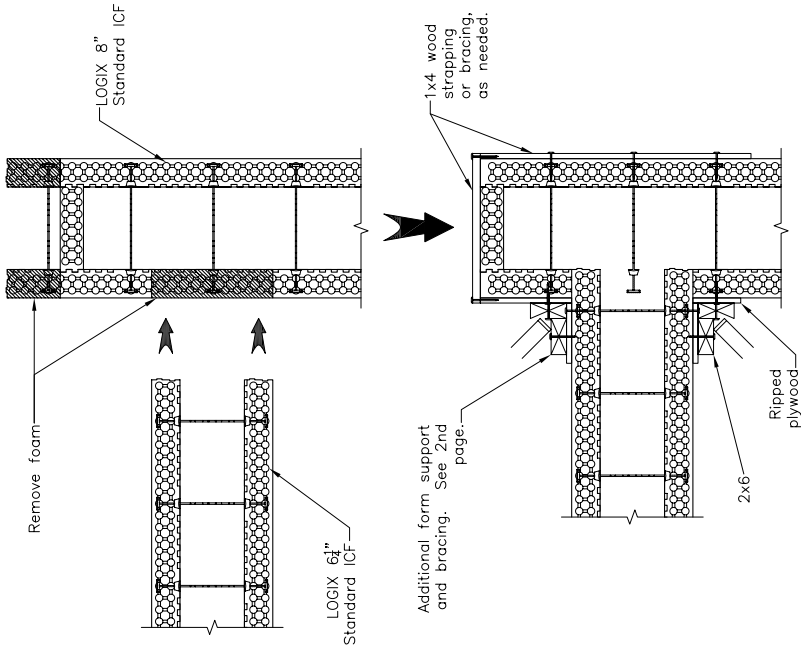
- NOTES:**
1. To maintain form integrity apply wooden straps at
  2. Creating a jog might create misaligned interlocks -
  3. Cut interlocks where misalignment occurs.
  4. Interlocks not shown for clarity.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.13.4.2 - HORIZONTAL TRANSITION - 6.25" TO 8" CORNER WALLS FORM SUPPORT



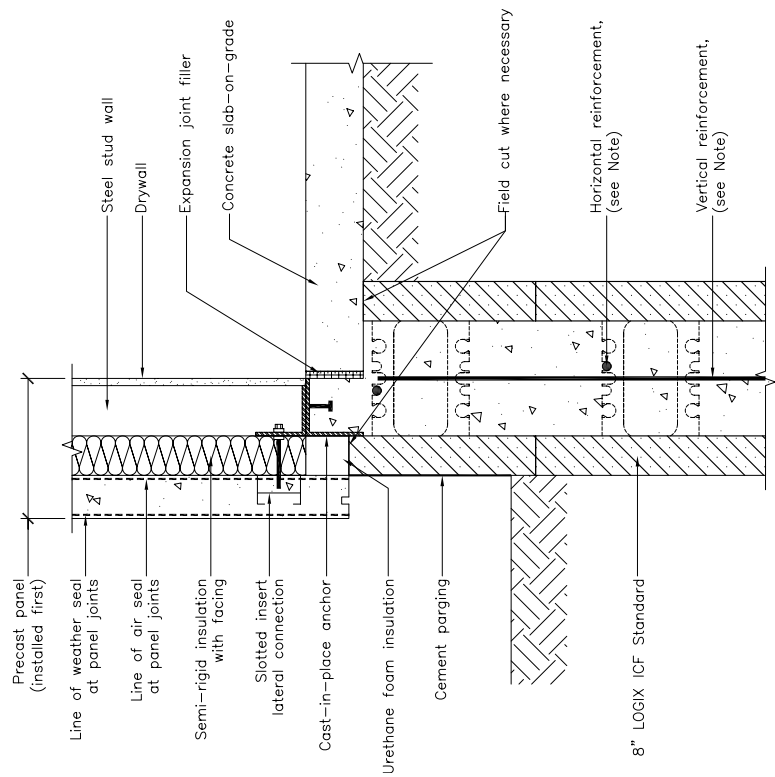
- NOTES:**
1. These drawings illustrate an example of wall bracing for horizontal wall transitions at corners. The contractor shall practice sound judgement (based on wall structure, pouring sequence and other site-conditions) to determine if additional form support and bracing is required.
  2. Avoid placing concrete directly into the corners.
  3. Follow all required national and local wall brace safety regulations.



- NOTES:**
1. These drawings illustrate an example of wall bracing for horizontal wall transitions at corners. The contractor shall practice sound judgement (based on wall structure, pouring sequence and other site-conditions) to determine if additional form support and bracing is required.
  2. Avoid placing concrete directly into the corners.
  3. Follow all required national and local wall brace safety regulations.
  4. See page 2 for perspective views.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

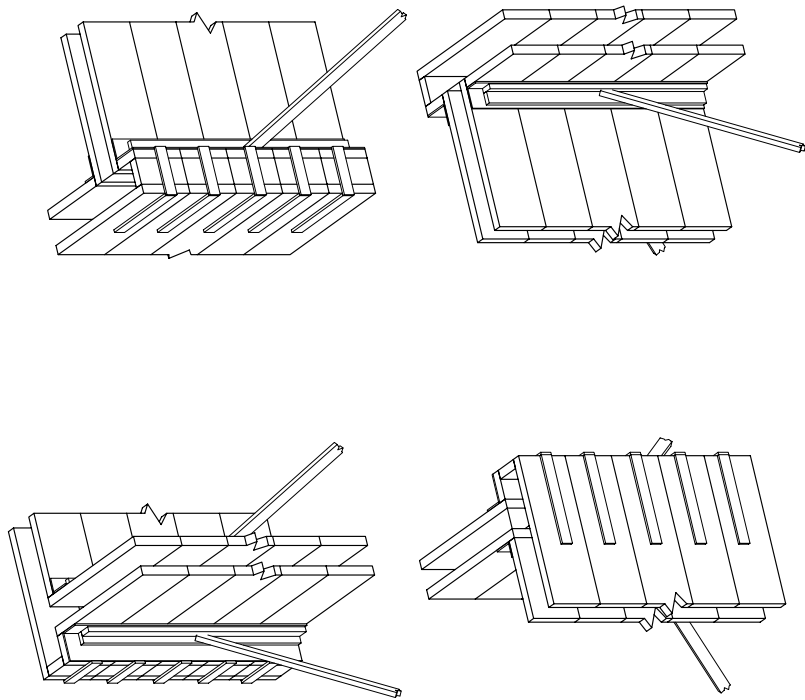
5.13.5.1 - PRE-CAST PANEL WALL



NOTES:

See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

5.13.4.4 - HORIZ TRANSITION - 6.25" TO 8" T-WALL W/ END CAP FORM SUPPORT



Notes:

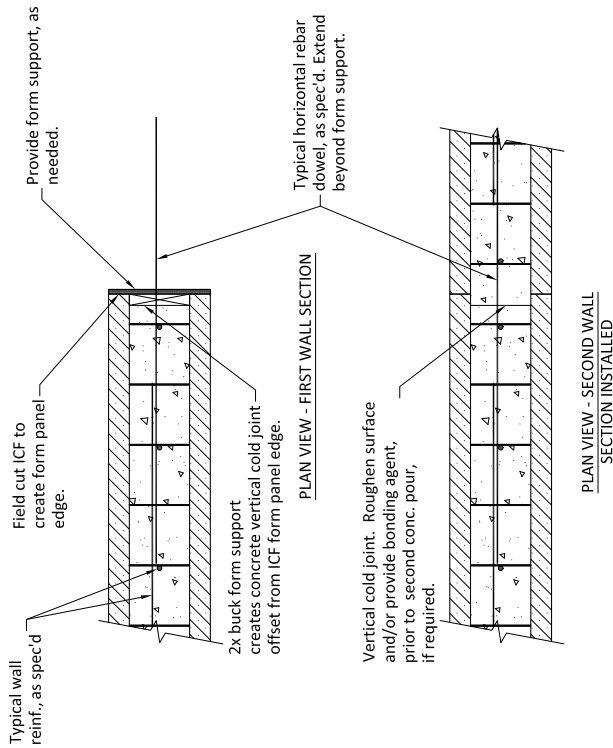
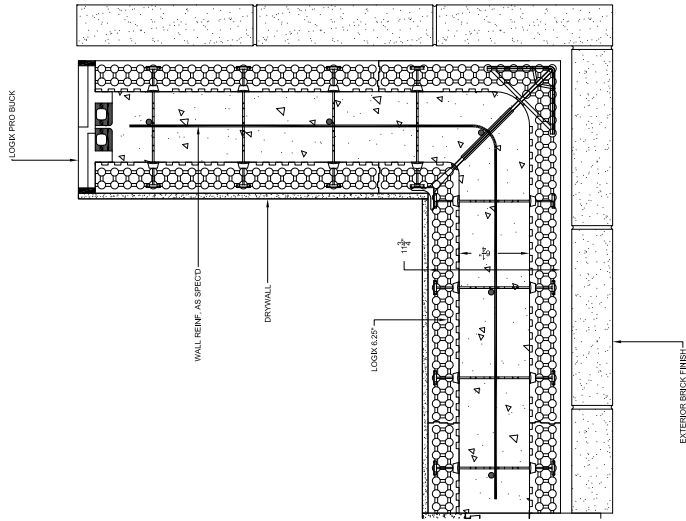
1. These drawings illustrate an example of wall bracing for horizontal wall transitions at corners. The contractor shall practice sound judgement (based on wall structure, pouring sequence and other site-conditions) to determine if additional form support and bracing is required.
2. Avoid placing concrete directly into the corners.
3. Follow all required national and local wall brace safety regulations.
4. See page 2 for perspective views.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



### 5.13.5.2 - END WALL WITH PRO BUCK

### 5.13.5.3 - VERTICAL JOINT



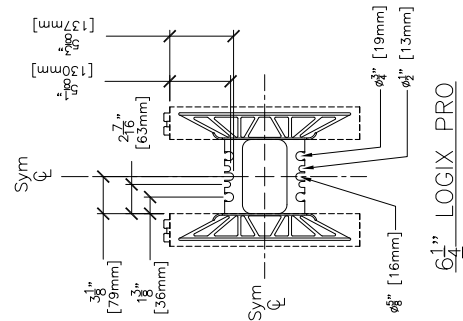
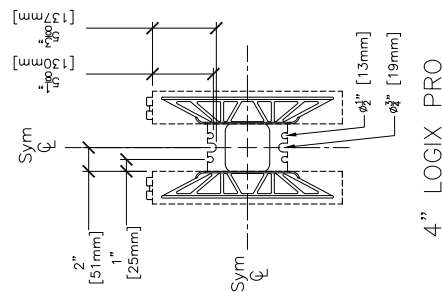
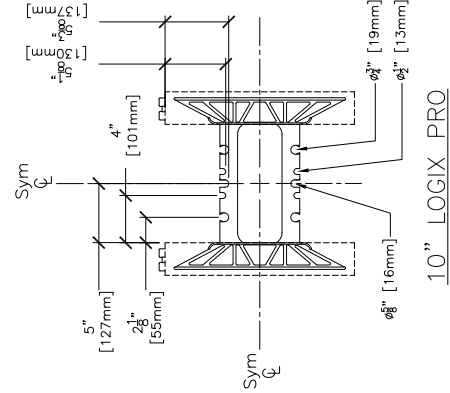
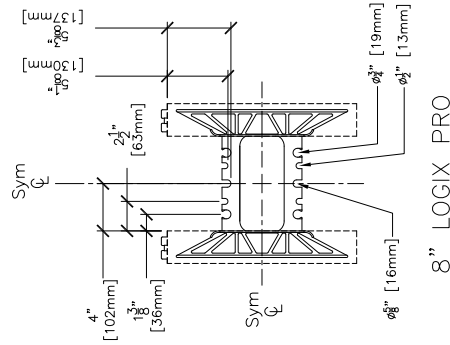
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.14 - STEEL REINFORCING

### 5.14.1 - WEB TIE REBAR SLOT LOCATIONS

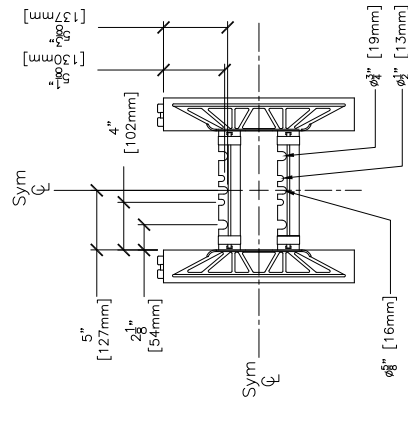
#### 5.14.1.1 - REBAR SLOT LOCATIONS - LOGIX PRO FORMS (2 OF 4)

#### 5.14.1.1 - REBAR SLOT LOCATIONS - LOGIX PRO FORMS (1 OF 4)

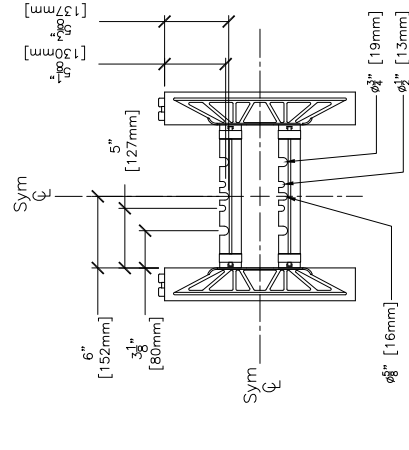


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.14.1.3 - REBAR SLOT LOCATIONS - LOGIX KD FORMS (3 OF 4)



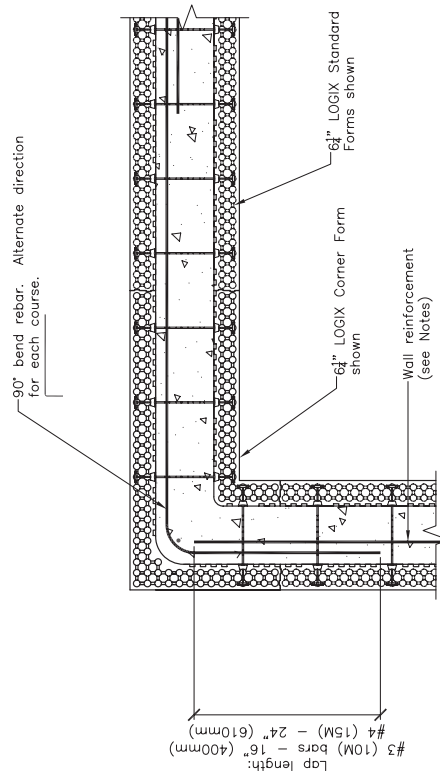
## 10" [254mm] LOGIX KD CONNECTORS



## 12" [305mm] LOGIX KD CONNECTORS

## 5.14.2 - CORNERS

### 5.14.2.1 - CORNER WALL REINFORCING

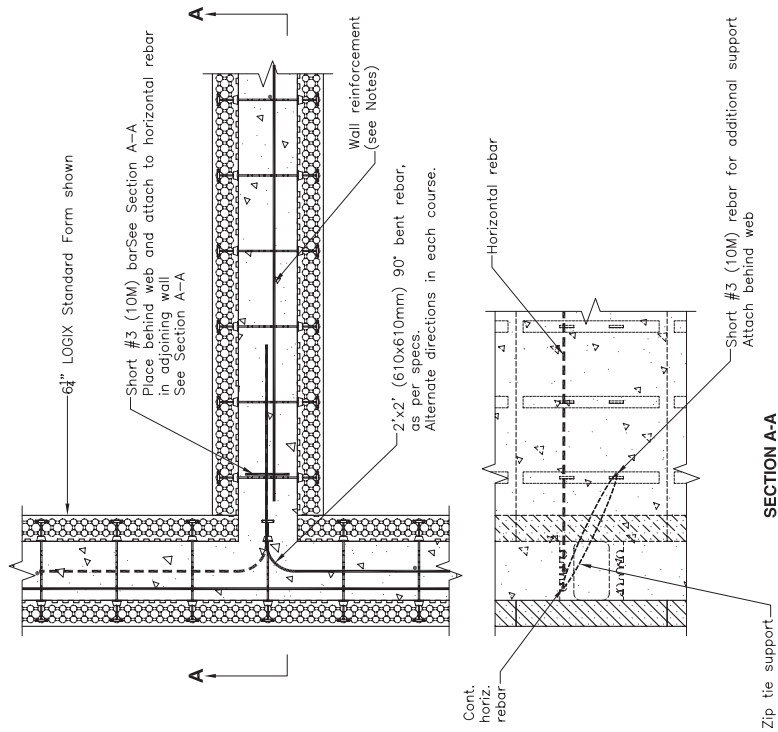


**NOTES:**  
See Section 6 - Engineering in the LOGIX Product Manual for reinforcement details.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.14.3 - T-JUNCTIONS

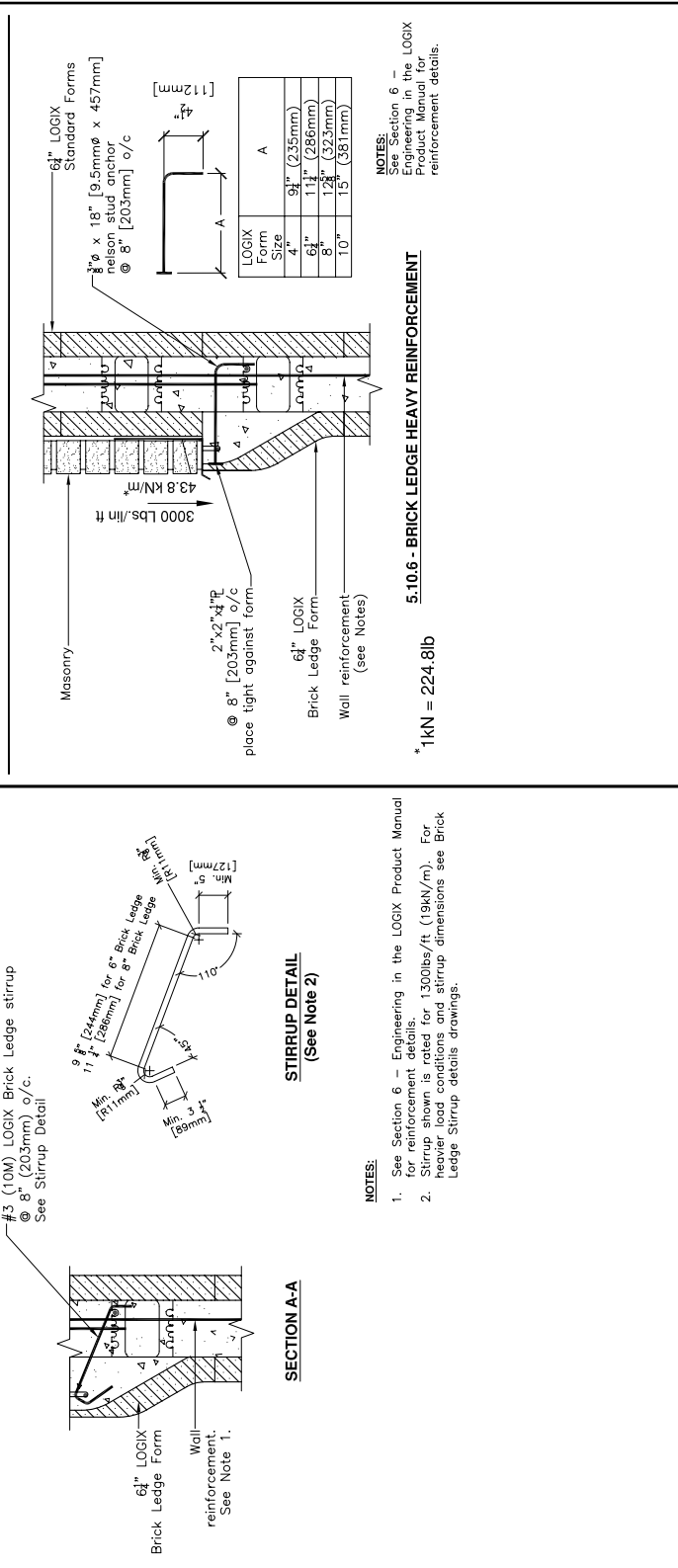
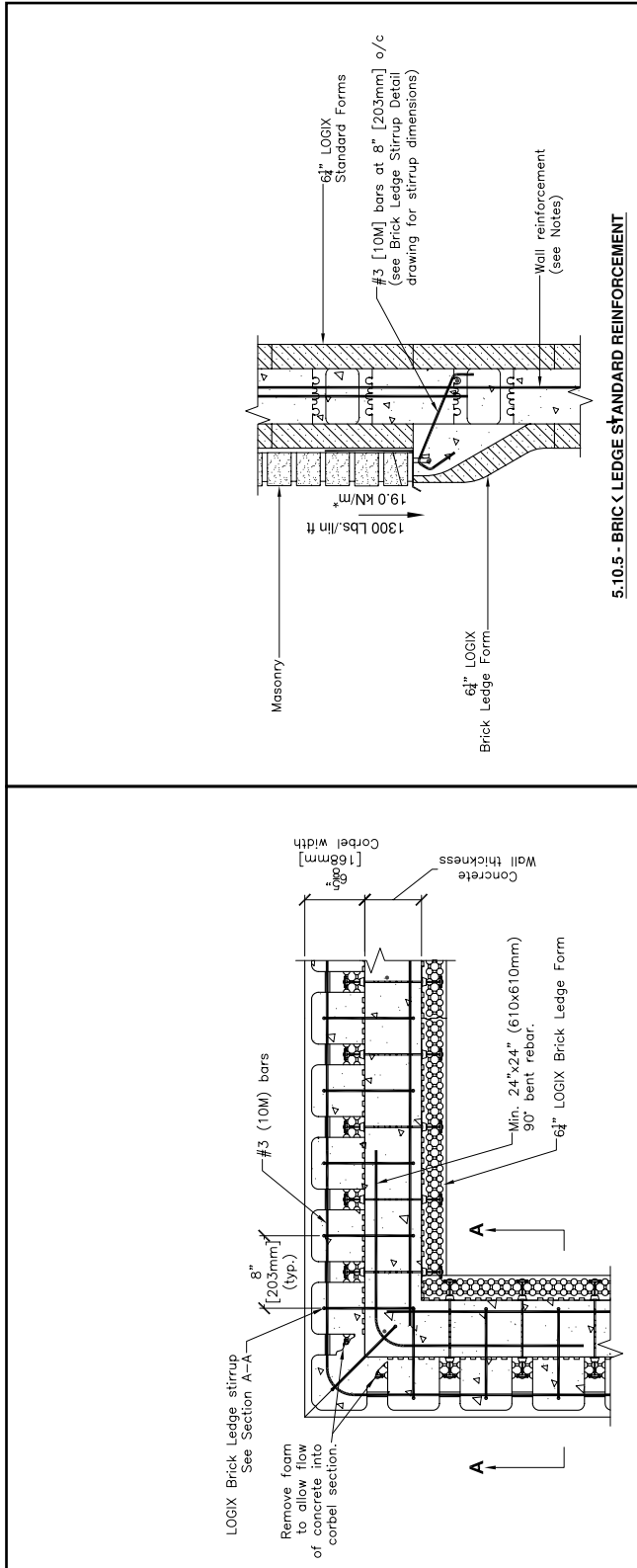
#### 5.14.3.1 - LOGIX T-WALL REINFORCING



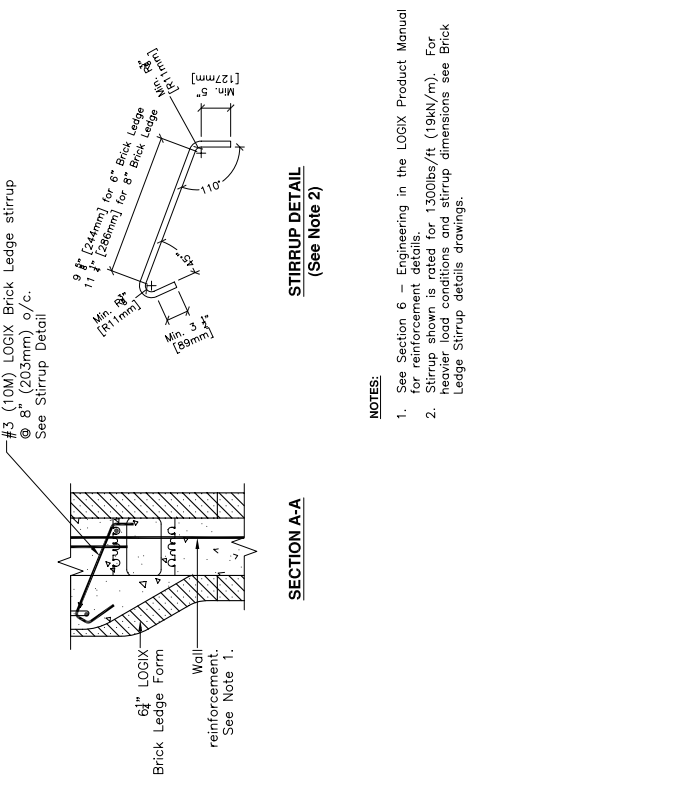
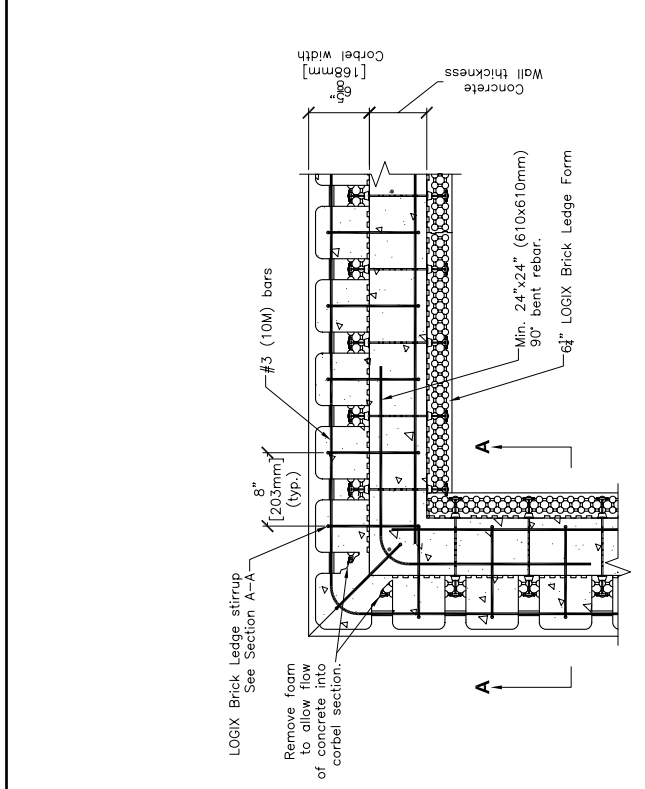
**NOTES:**  
See Section 6 — Engineering in the LOGIX Product Manual for reinforcement details.

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

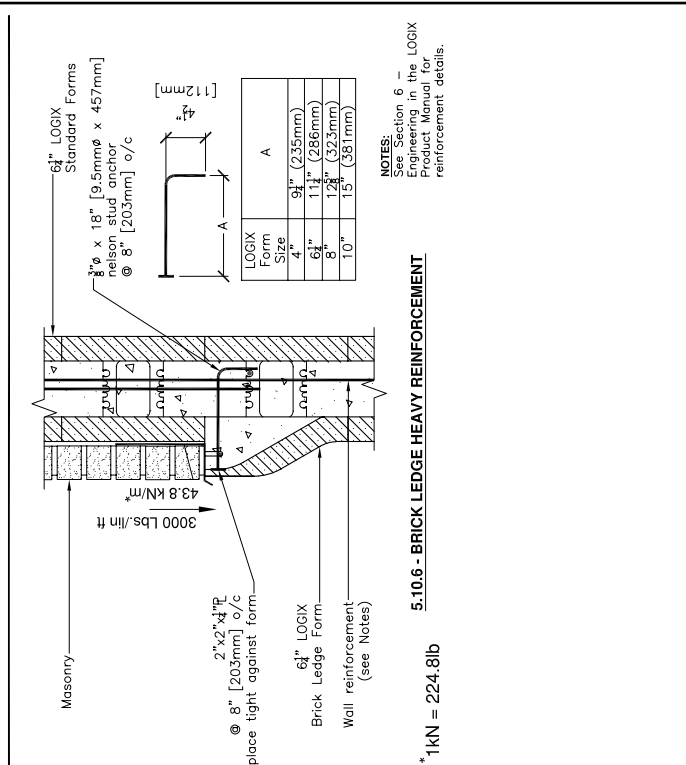
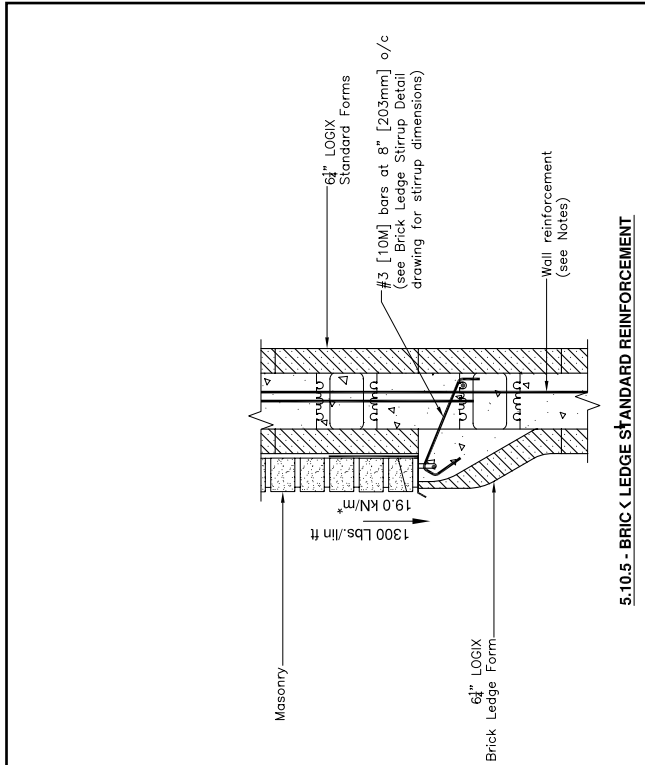
# 5.14.4.1 - CORNER REINFORCING WITH LOGIX BRICK LEDGE



# 5.14.4.2 - LOGIX BRICK LEDGE STANDARD REINFORCING

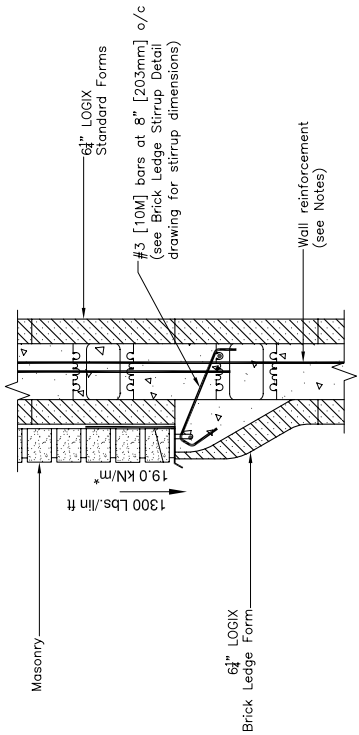


# 5.10.5 - BRICK LEDGE STANDARD REINFORCEMENT

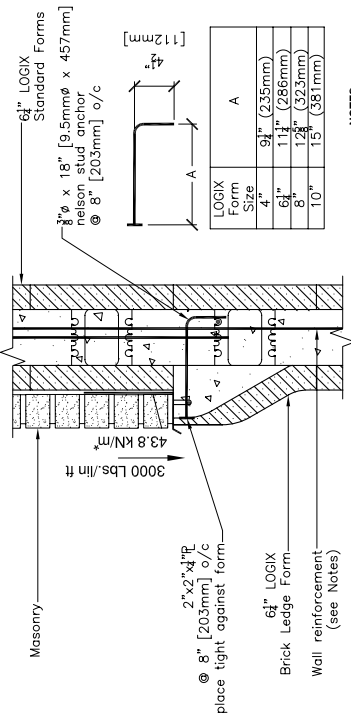


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.14.4.3 - LOGIX BRICK LEDGE HEAVY REINFORCING



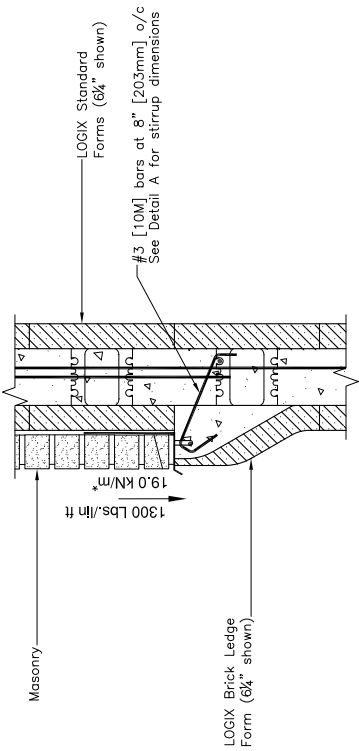
5.10.5 - BRICK LEDGE STANDARD REINFORCEMENT



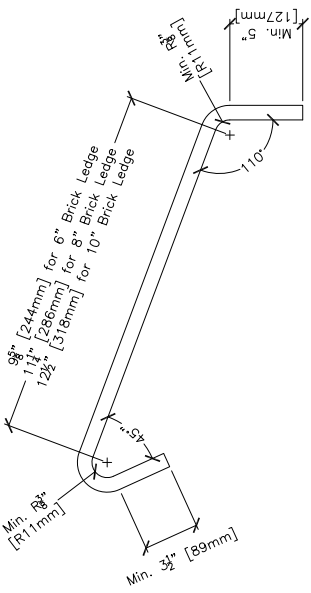
\*1kN = 224.8lb

NOTES:  
See Section 6 - Engineering in the LOGIX Brick Ledge reinforcement details.

5.14.4.4 - LOGIX BRICK LEDGE STIRRUP DETAIL



BRICK LEDGE STANDARD REINFORCEMENT



NOTES:  
See Section 6 - Engineering in the LOGIX Brick Ledge reinforcement details.

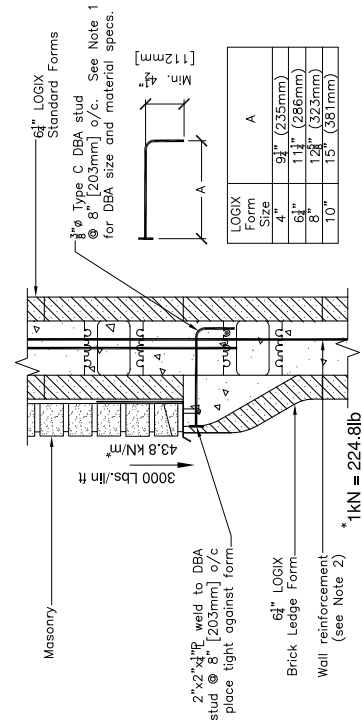
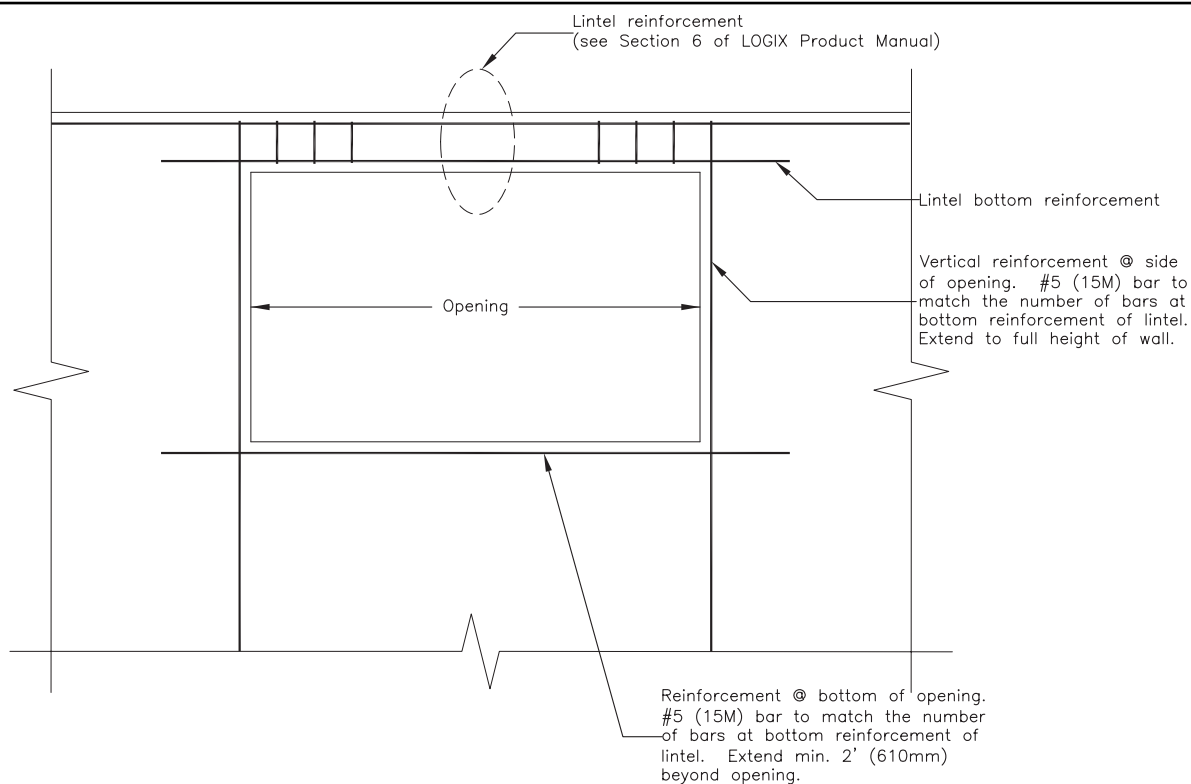
\*1kN = 224.8lb

DETAIL A

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

### 5.14.5.1 - REINFORCEMENT AROUND OPENINGS

### 5.14.4.5 - LOGIX BRICK LEDGE HEAVY REINF WITH DEFORMED BAR ANCHORS



**NOTES:**

1. Specifications and material properties shown in DBA document image below.
2. Recommended SWP Part# DBA 38 1818 (refer to DBA chart below)
3. See Section 6 – Engineering in the LOGIX Product Manual for reinforcement details.

# DEA DEFORMED BAR ANCHORS

## FORMER BAR ANCHORS

WELD SPECIFICATIONS		WELD SPECIFICATIONS	
Bar Size	Weld Size	Bar Size	Weld Size
3/8"	3/16"	3/8"	3/16"
1/2"	1/4"	1/2"	1/4"
5/8"	3/8"	5/8"	3/8"
3/4"	1/2"	3/4"	1/2"
1"	5/8"	1"	5/8"
1 1/4"	3/4"	1 1/4"	3/4"
1 1/2"	7/8"	1 1/2"	7/8"
1 3/4"	1"	1 3/4"	1"
2"	1 1/8"	2"	1 1/8"
2 1/4"	1 1/4"	2 1/4"	1 1/4"
2 1/2"	1 1/2"	2 1/2"	1 1/2"
2 3/4"	1 3/4"	2 3/4"	1 3/4"
3"	1 7/8"	3"	1 7/8"
3 1/4"	2"	3 1/4"	2"
3 1/2"	2 1/8"	3 1/2"	2 1/8"
3 3/4"	2 1/4"	3 3/4"	2 1/4"
4"	2 1/2"	4"	2 1/2"
4 1/4"	2 3/8"	4 1/4"	2 3/8"
4 1/2"	2 1/2"	4 1/2"	2 1/2"
4 3/4"	2 3/4"	4 3/4"	2 3/4"
5"	2 7/8"	5"	2 7/8"
5 1/4"	3"	5 1/4"	3"
5 1/2"	3 1/8"	5 1/2"	3 1/8"
5 3/4"	3 1/4"	5 3/4"	3 1/4"
6"	3 1/2"	6"	3 1/2"
6 1/4"	3 3/8"	6 1/4"	3 3/8"
6 1/2"	3 1/2"	6 1/2"	3 1/2"
6 3/4"	3 3/4"	6 3/4"	3 3/4"
7"	3 7/8"	7"	3 7/8"
7 1/4"	4"	7 1/4"	4"
7 1/2"	4 1/8"	7 1/2"	4 1/8"
7 3/4"	4 1/4"	7 3/4"	4 1/4"
8"	4 1/2"	8"	4 1/2"
8 1/4"	4 3/8"	8 1/4"	4 3/8"
8 1/2"	4 1/2"	8 1/2"	4 1/2"
8 3/4"	4 3/4"	8 3/4"	4 3/4"
9"	4 7/8"	9"	4 7/8"
9 1/4"	5"	9 1/4"	5"
9 1/2"	5 1/8"	9 1/2"	5 1/8"
9 3/4"	5 1/4"	9 3/4"	5 1/4"
10"	5 1/2"	10"	5 1/2"
10 1/4"	5 3/8"	10 1/4"	5 3/8"
10 1/2"	5 1/2"	10 1/2"	5 1/2"
10 3/4"	5 3/4"	10 3/4"	5 3/4"
11"	5 7/8"	11"	5 7/8"
11 1/4"	6"	11 1/4"	6"
11 1/2"	6 1/8"	11 1/2"	6 1/8"
11 3/4"	6 1/4"	11 3/4"	6 1/4"
12"	6 1/2"	12"	6 1/2"
12 1/4"	6 3/8"	12 1/4"	6 3/8"
12 1/2"	6 1/2"	12 1/2"	6 1/2"
12 3/4"	6 3/4"	12 3/4"	6 3/4"
13"	6 7/8"	13"	6 7/8"
13 1/4"	7"	13 1/4"	7"
13 1/2"	7 1/8"	13 1/2"	7 1/8"
13 3/4"	7 1/4"	13 3/4"	7 1/4"
14"	7 1/2"	14"	7 1/2"
14 1/4"	7 3/8"	14 1/4"	7 3/8"
14 1/2"	7 1/2"	14 1/2"	7 1/2"
14 3/4"	7 3/4"	14 3/4"	7 3/4"
15"	7 7/8"	15"	7 7/8"
15 1/4"	8"	15 1/4"	8"
15 1/2"	8 1/8"	15 1/2"	8 1/8"
15 3/4"	8 1/4"	15 3/4"	8 1/4"
16"	8 1/2"	16"	8 1/2"
16 1/4"	8 3/8"	16 1/4"	8 3/8"
16 1/2"	8 1/2"	16 1/2"	8 1/2"
16 3/4"	8 3/4"	16 3/4"	8 3/4"
17"	8 7/8"	17"	8 7/8"
17 1/4"	9"	17 1/4"	9"
17 1/2"	9 1/8"	17 1/2"	9 1/8"
17 3/4"	9 1/4"	17 3/4"	9 1/4"
18"	9 1/2"	18"	9 1/2"
18 1/4"	9 3/8"	18 1/4"	9 3/8"
18 1/2"	9 1/2"	18 1/2"	9 1/2"
18 3/4"	9 3/4"	18 3/4"	9 3/4"
19"	9 7/8"	19"	9 7/8"
19 1/4"	10"	19 1/4"	10"
19 1/2"	10 1/8"	19 1/2"	10 1/8"
19 3/4"	10 1/4"	19 3/4"	10 1/4"
20"	10 1/2"	20"	10 1/2"
20 1/4"	10 3/8"	20 1/4"	10 3/8"
20 1/2"	10 1/2"	20 1/2"	10 1/2"

## DEVELOPMENT LENGTH

Development length is the length of bar required to develop the full tensile strength of the bar. The development length is determined by the bar size, the concrete strength, and the type of anchor. The development length is determined by the bar size, the concrete strength, and the type of anchor. The development length is determined by the bar size, the concrete strength, and the type of anchor.

## MECHANICAL PROPERTY REQUIREMENTS

Bar Size	Yield Strength	Tensile Strength
3/8"	40,000 psi	60,000 psi
1/2"	40,000 psi	60,000 psi
5/8"	40,000 psi	60,000 psi
3/4"	40,000 psi	60,000 psi
1"	40,000 psi	60,000 psi
1 1/4"	40,000 psi	60,000 psi
1 1/2"	40,000 psi	60,000 psi
1 3/4"	40,000 psi	60,000 psi
2"	40,000 psi	60,000 psi
2 1/4"	40,000 psi	60,000 psi
2 1/2"	40,000 psi	60,000 psi
2 3/4"	40,000 psi	60,000 psi
3"	40,000 psi	60,000 psi
3 1/4"	40,000 psi	60,000 psi
3 1/2"	40,000 psi	60,000 psi
3 3/4"	40,000 psi	60,000 psi
4"	40,000 psi	60,000 psi
4 1/4"	40,000 psi	60,000 psi
4 1/2"	40,000 psi	60,000 psi
4 3/4"	40,000 psi	60,000 psi
5"	40,000 psi	60,000 psi
5 1/4"	40,000 psi	60,000 psi
5 1/2"	40,000 psi	60,000 psi
5 3/4"	40,000 psi	60,000 psi
6"	40,000 psi	60,000 psi
6 1/4"	40,000 psi	60,000 psi
6 1/2"	40,000 psi	60,000 psi
6 3/4"	40,000 psi	60,000 psi
7"	40,000 psi	60,000 psi
7 1/4"	40,000 psi	60,000 psi
7 1/2"	40,000 psi	60,000 psi
7 3/4"	40,000 psi	60,000 psi
8"	40,000 psi	60,000 psi
8 1/4"	40,000 psi	60,000 psi
8 1/2"	40,000 psi	60,000 psi
8 3/4"	40,000 psi	60,000 psi
9"	40,000 psi	60,000 psi
9 1/4"	40,000 psi	60,000 psi
9 1/2"	40,000 psi	60,000 psi
9 3/4"	40,000 psi	60,000 psi
10"	40,000 psi	60,000 psi
10 1/4"	40,000 psi	60,000 psi
10 1/2"	40,000 psi	60,000 psi
10 3/4"	40,000 psi	60,000 psi
11"	40,000 psi	60,000 psi
11 1/4"	40,000 psi	60,000 psi
11 1/2"	40,000 psi	60,000 psi
11 3/4"	40,000 psi	60,000 psi
12"	40,000 psi	60,000 psi
12 1/4"	40,000 psi	60,000 psi
12 1/2"	40,000 psi	60,000 psi
12 3/4"	40,000 psi	60,000 psi
13"	40,000 psi	60,000 psi
13 1/4"	40,000 psi	60,000 psi
13 1/2"	40,000 psi	60,000 psi
13 3/4"	40,000 psi	60,000 psi
14"	40,000 psi	60,000 psi
14 1/4"	40,000 psi	60,000 psi
14 1/2"	40,000 psi	60,000 psi
14 3/4"	40,000 psi	60,000 psi
15"	40,000 psi	60,000 psi
15 1/4"	40,000 psi	60,000 psi
15 1/2"	40,000 psi	60,000 psi
15 3/4"	40,000 psi	60,000 psi
16"	40,000 psi	60,000 psi
16 1/4"	40,000 psi	60,000 psi
16 1/2"	40,000 psi	60,000 psi
16 3/4"	40,000 psi	60,000 psi
17"	40,000 psi	60,000 psi
17 1/4"	40,000 psi	60,000 psi
17 1/2"	40,000 psi	60,000 psi
17 3/4"	40,000 psi	60,000 psi
18"	40,000 psi	60,000 psi
18 1/4"	40,000 psi	60,000 psi
18 1/2"	40,000 psi	60,000 psi
18 3/4"	40,000 psi	60,000 psi
19"	40,000 psi	60,000 psi
19 1/4"	40,000 psi	60,000 psi
19 1/2"	40,000 psi	60,000 psi
19 3/4"	40,000 psi	60,000 psi
20"	40,000 psi	60,000 psi

100% Tensile Strength Test Results: 100% Tens

**STUD WELDING PRODUCTS, INC.**  
 Los Angeles • San Francisco • Seattle • Phoenix



**LOGIX**<sup>®</sup>  
INSULATED CONCRETE FORMS

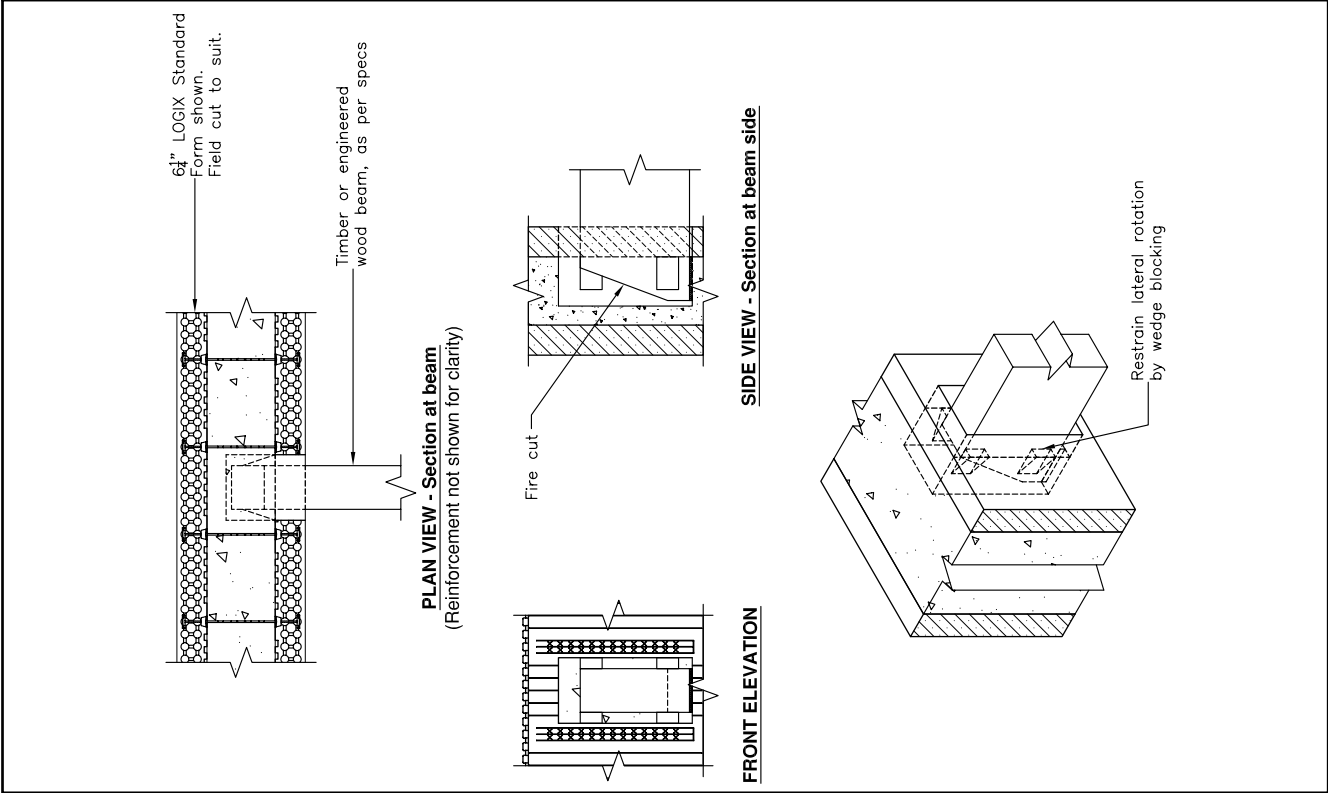
Build Anything **Better.**<sup>™</sup>

LogixlCF.com | 030321 | 5 - 157



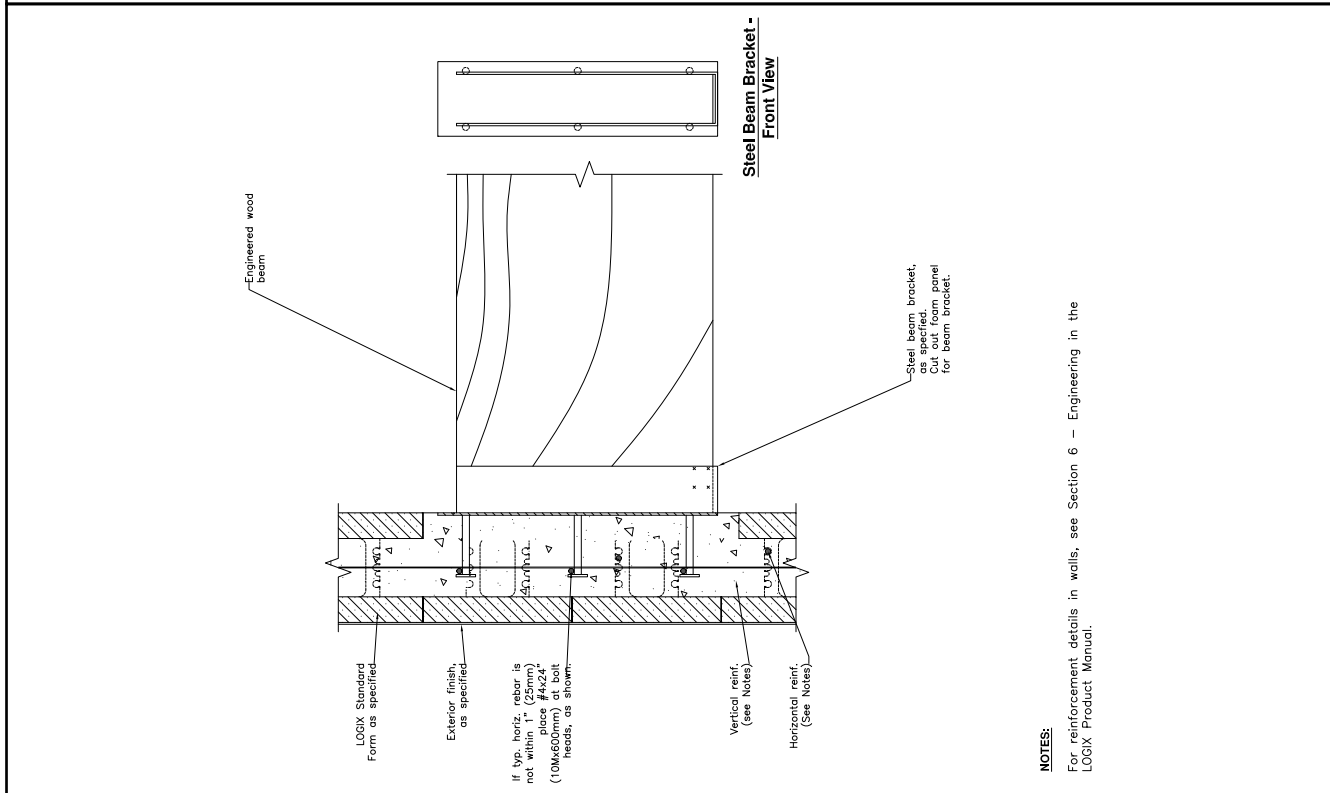
5.15.1.1 - WOOD BEAM WITH FIRE CUT

5.15.1.2 - WOOD BEAM WITH CLIP ANGLES



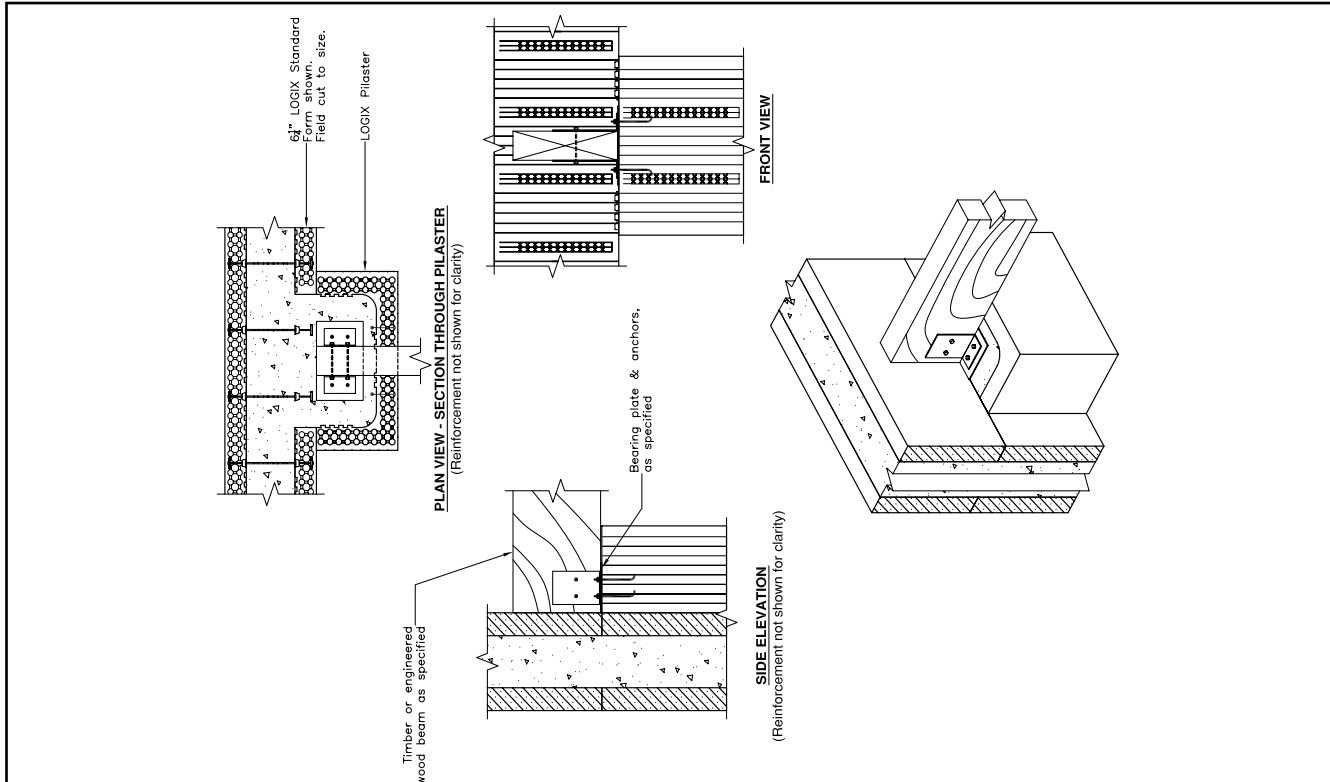
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.15.1.3 - STEEL BEAM BRACKET SUPPORTING WOOD BEAM



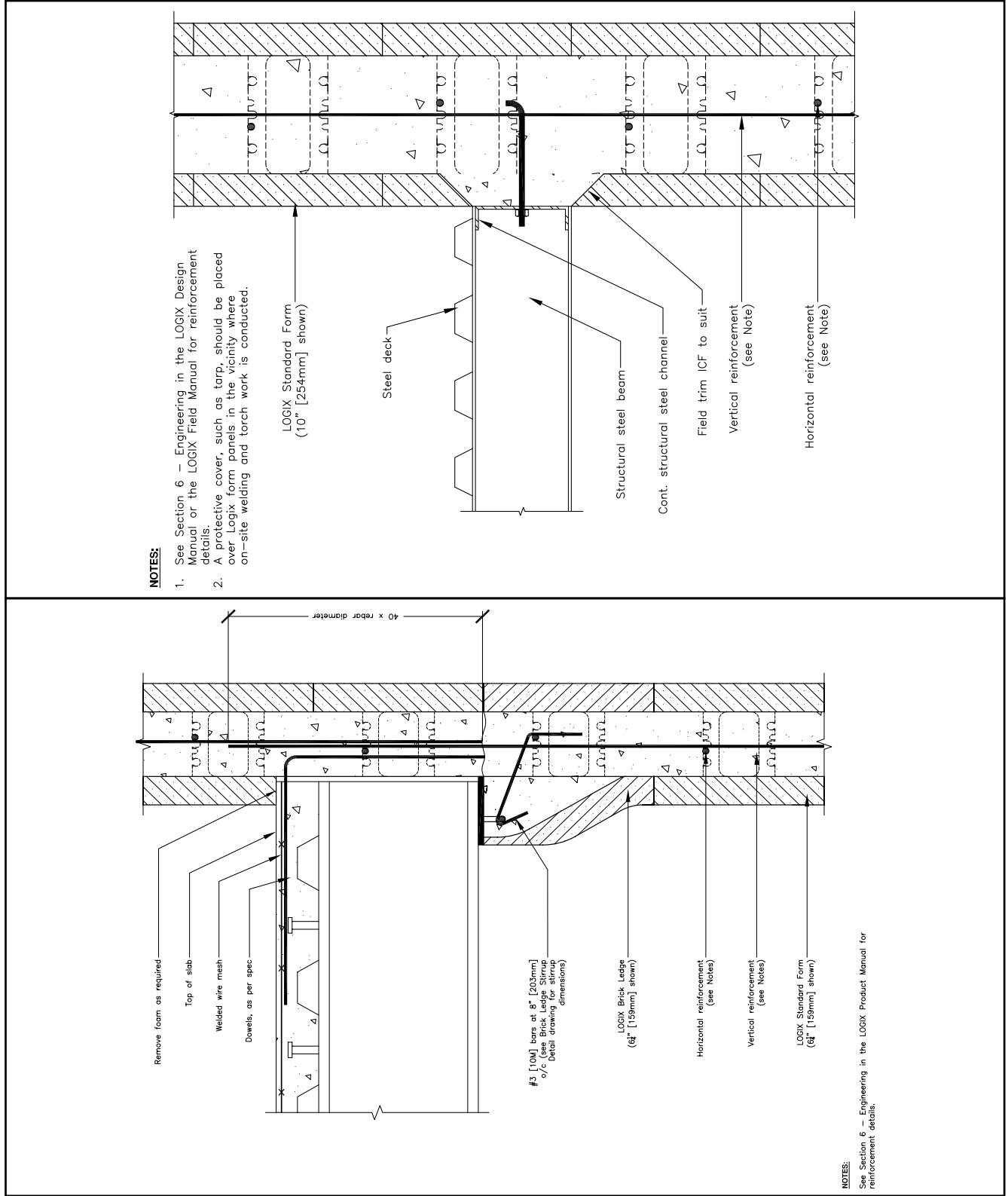
**NOTES:**  
For reinforcement details in walls, see Section 6 – Engineering in the LOGIX Product Manual.

## 5.15.1.4 - WOOD BEAM ON LOGIX PILASTER



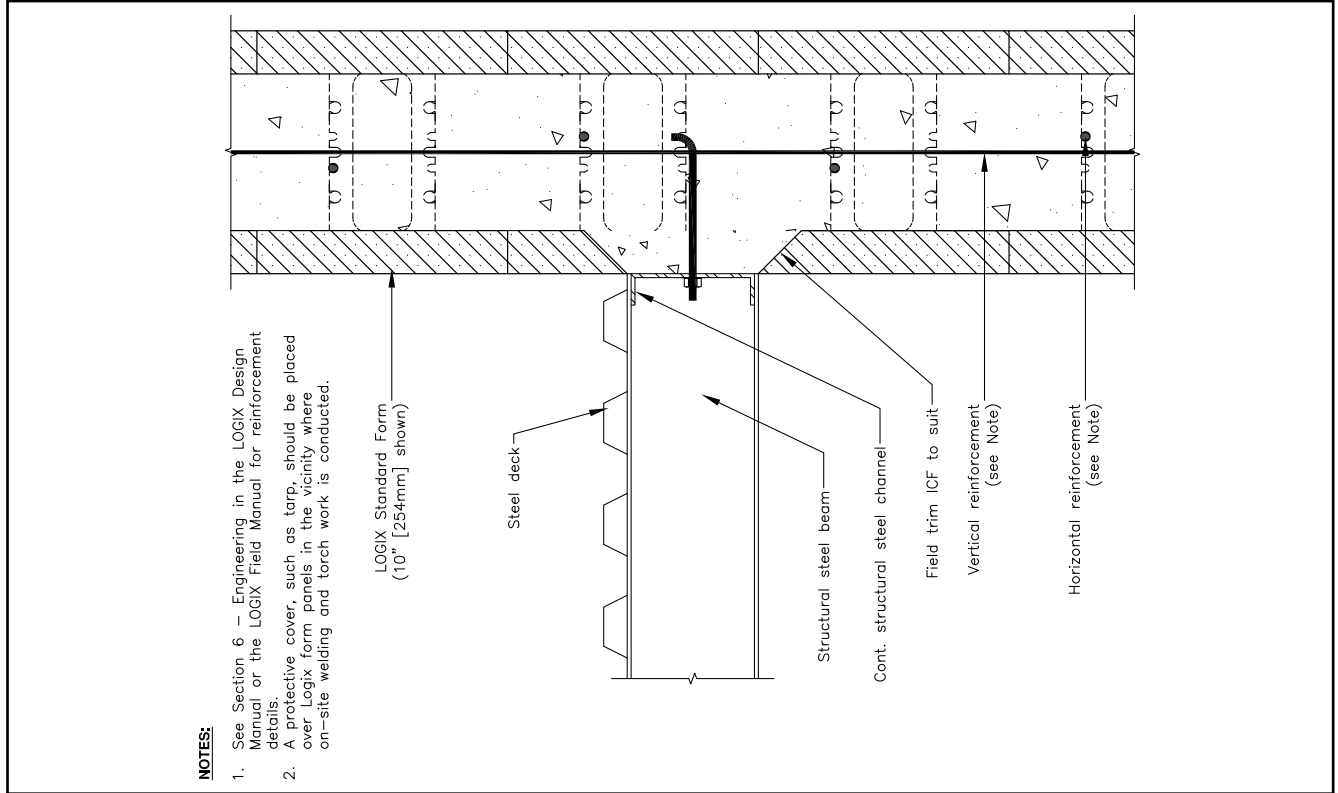
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.15.2.1 - COMPOSITE STEEL BEAM ON LOGIX BRICK LEDGE

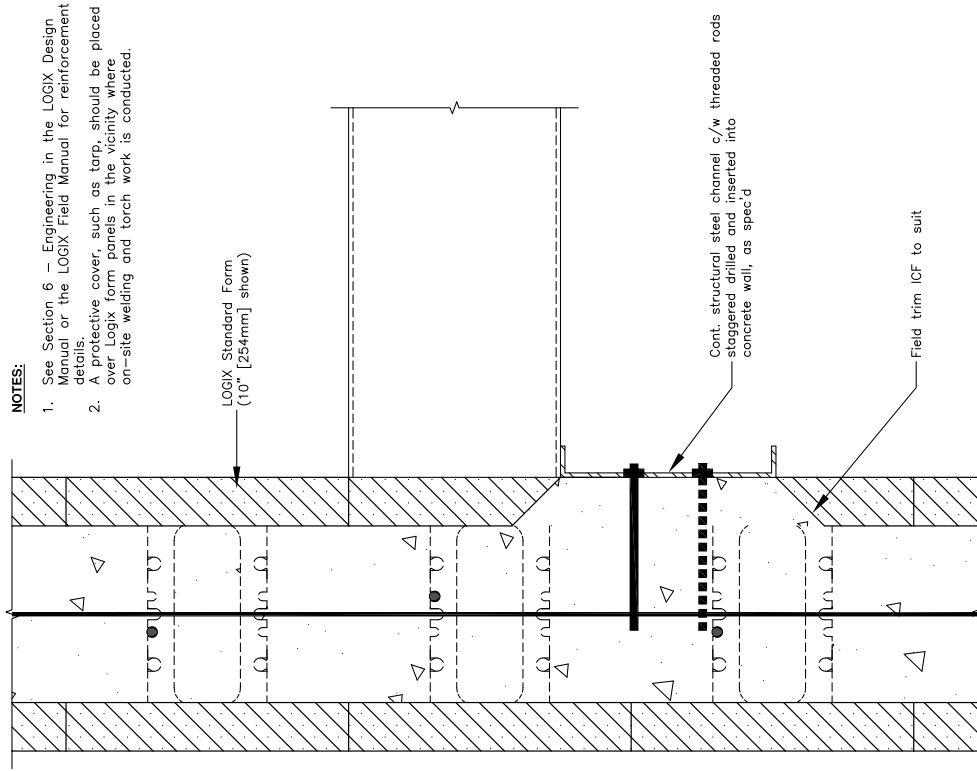


## 5.15.2 - STEEL BEAMS

## 5.15.2.2 - STEEL DECK ON STRUCTURAL BEAM



## 5.15.2.3 - STRUCTURAL STEEL CHANNEL BEAM



### NOTES:

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
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.

LOGIX Standard Form  
(10" [254mm] shown)

Cont. structural steel channel c/w threaded rods  
staggered drilled and inserted into  
concrete wall, as spec'd

Field trim ICF to suit

## 5.15.2.4 - STRUCTURAL STEEL CHANNEL BEAM CONT'D

### NOTES:

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
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.

Horizontal rebar  
See Notes

Vertical rebar  
See Notes

LOGIX Standard Form  
(10" [254mm] shown)

Structural steel,  
as spec'd

Steel plate, as spec'd.  
Provide pockets bearing  
as required

Field trim ICF  
to suit

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

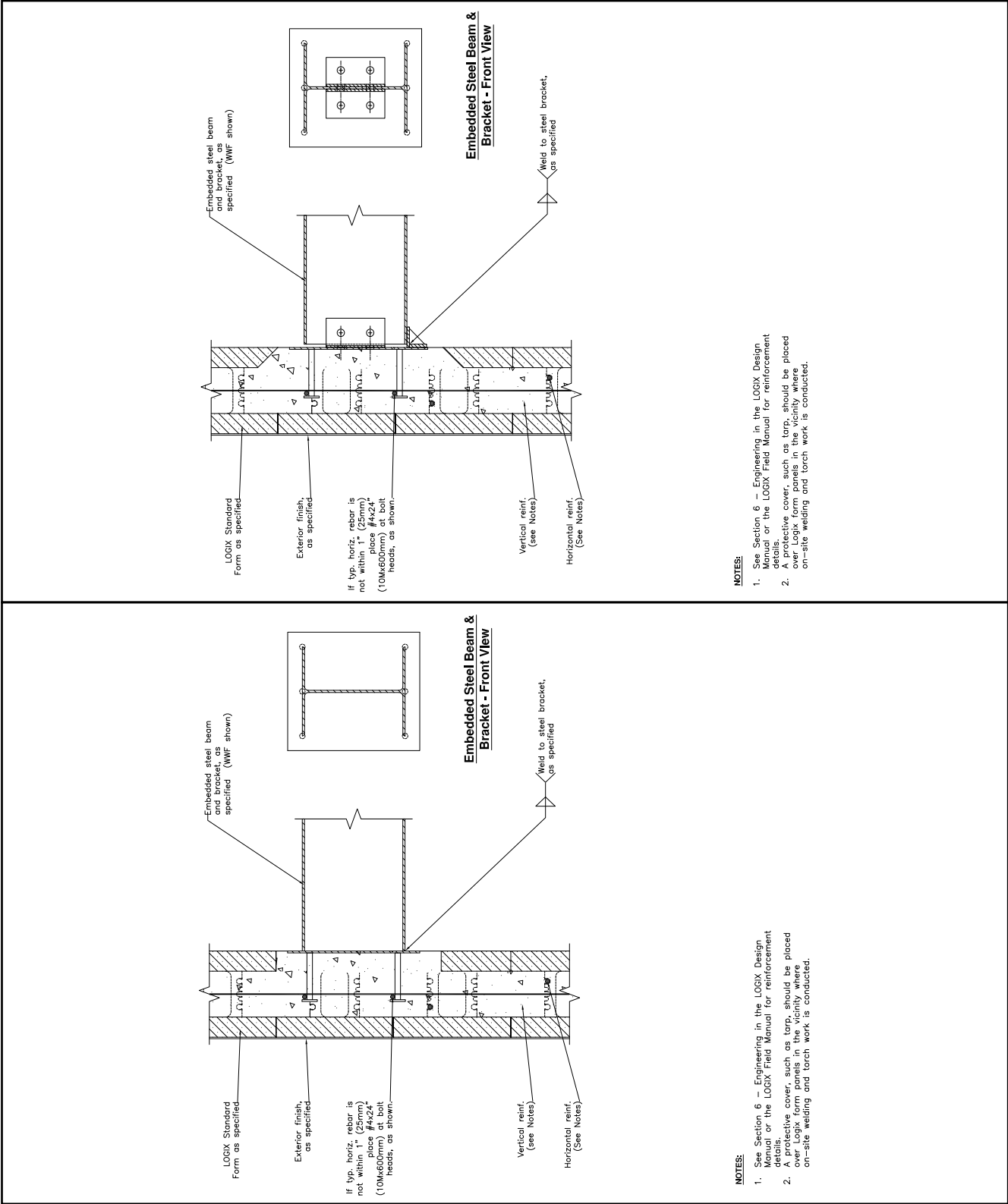
5.15.2.5 - STEEL BEAM BRACKET SUPPORTING

STEEL BEAM

5.15.2.6 - STEEL BEAM BRACKET

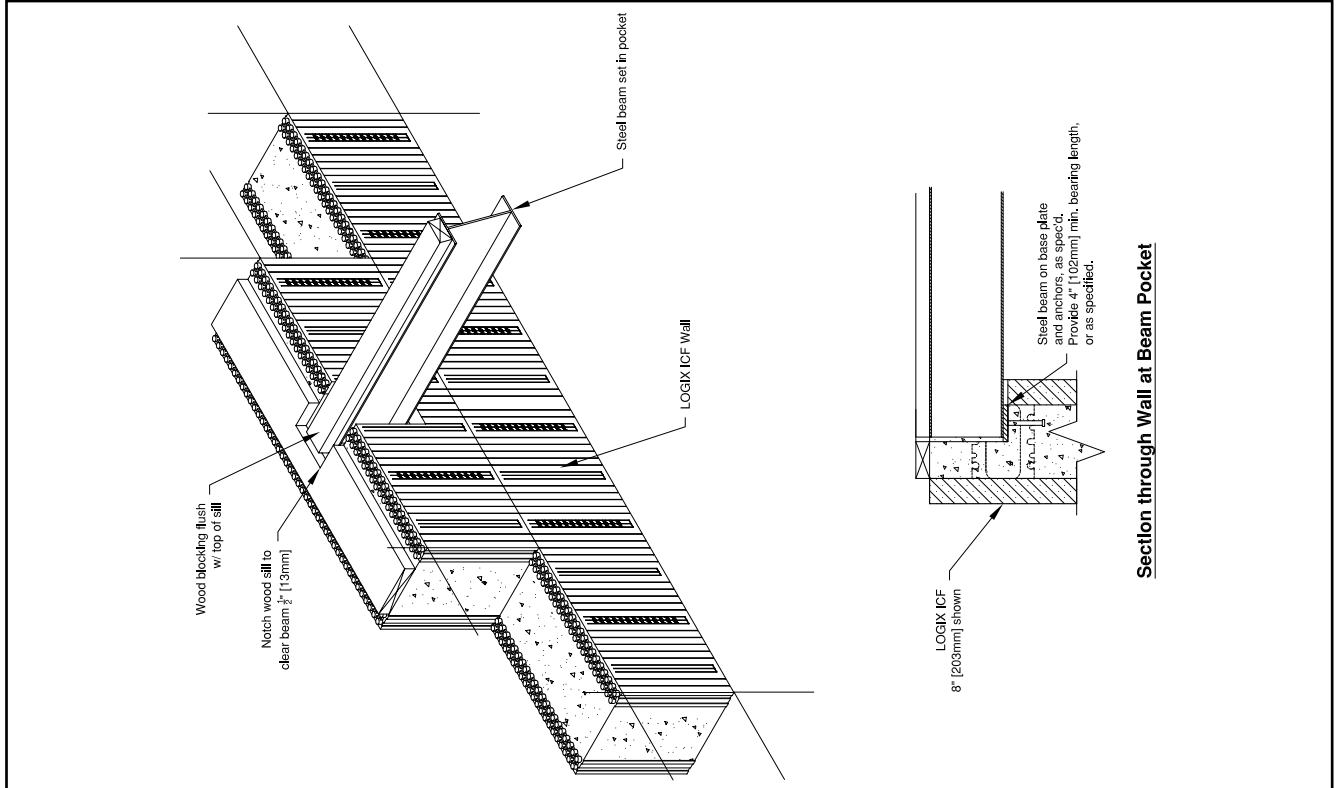
SUPPORTING STEEL BEAM WITH ANGLE

IRON

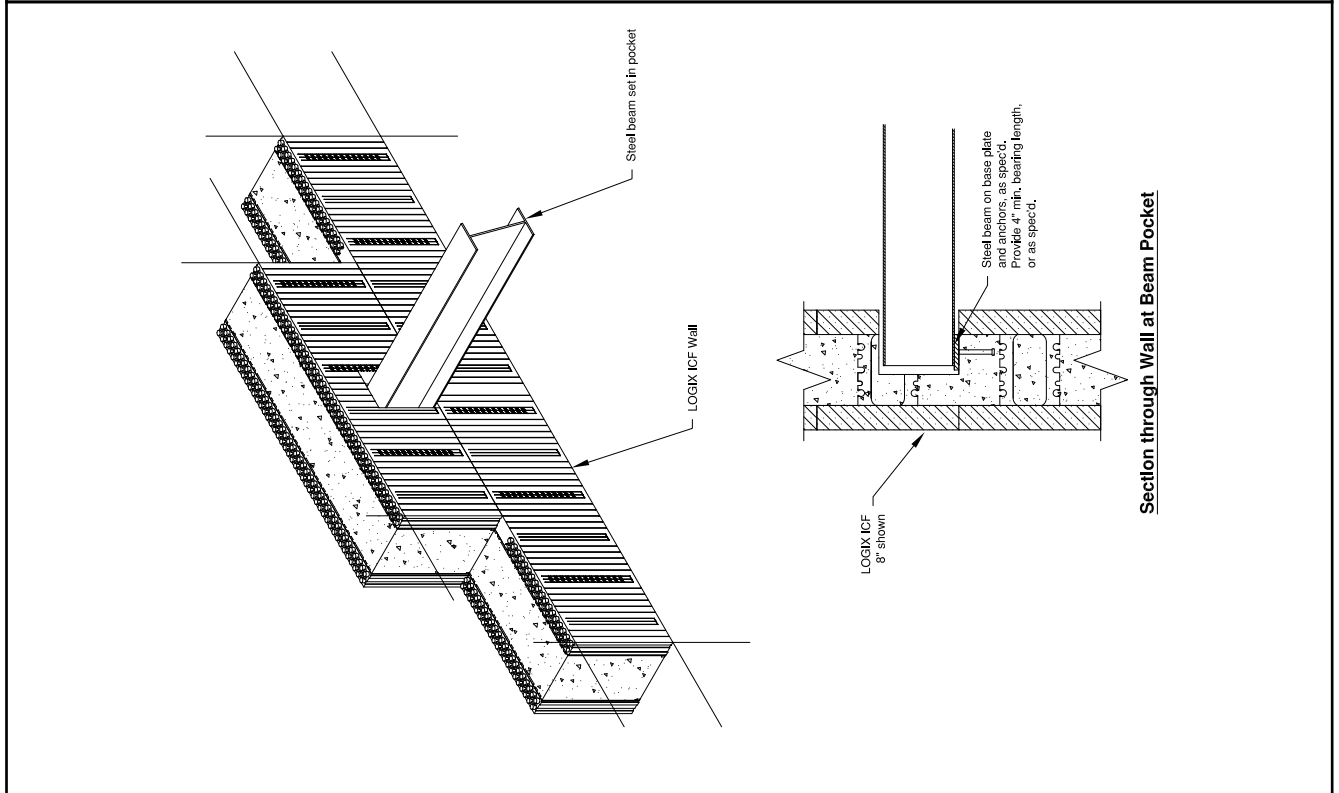


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.15.2.8 - STEEL BEAM POCKET FLUSH WITH SILL

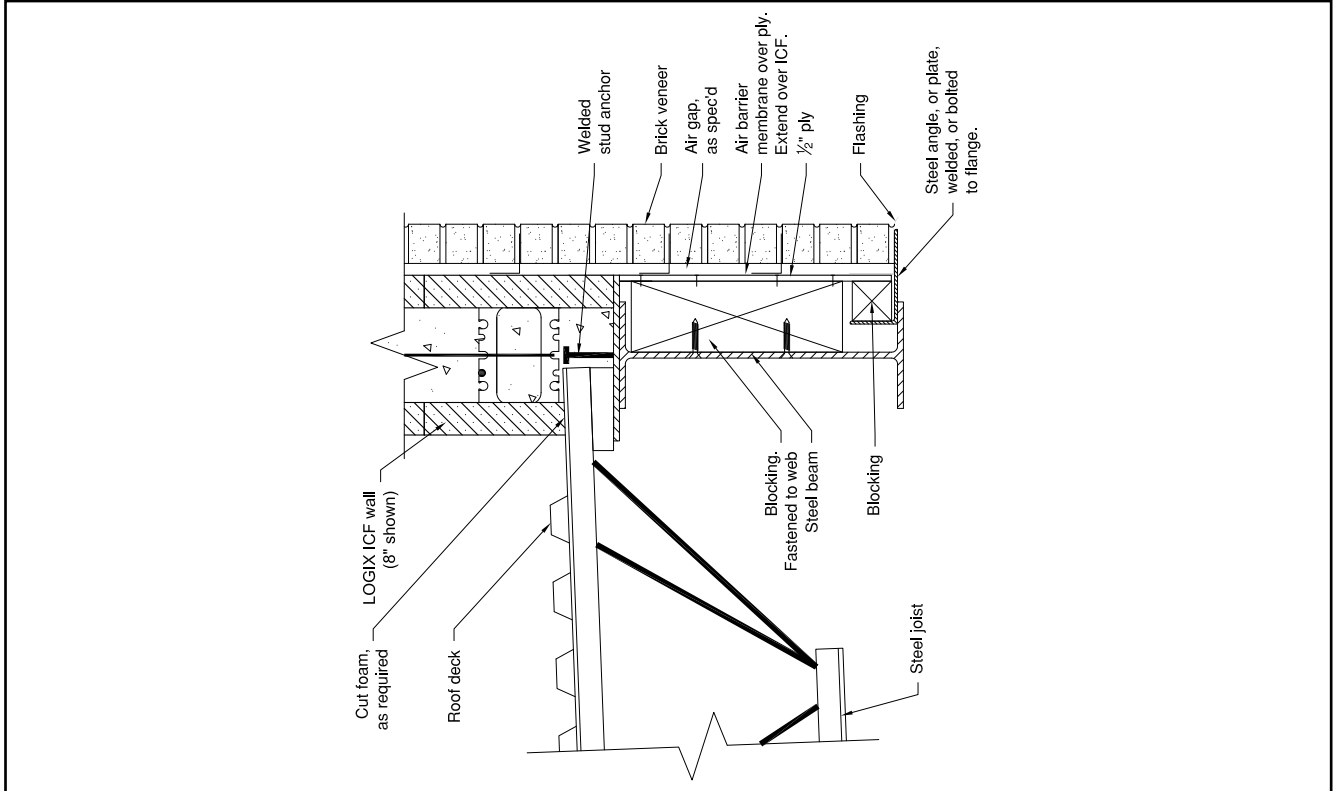


## 5.15.2.7 - STEEL BEAM POCKET



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

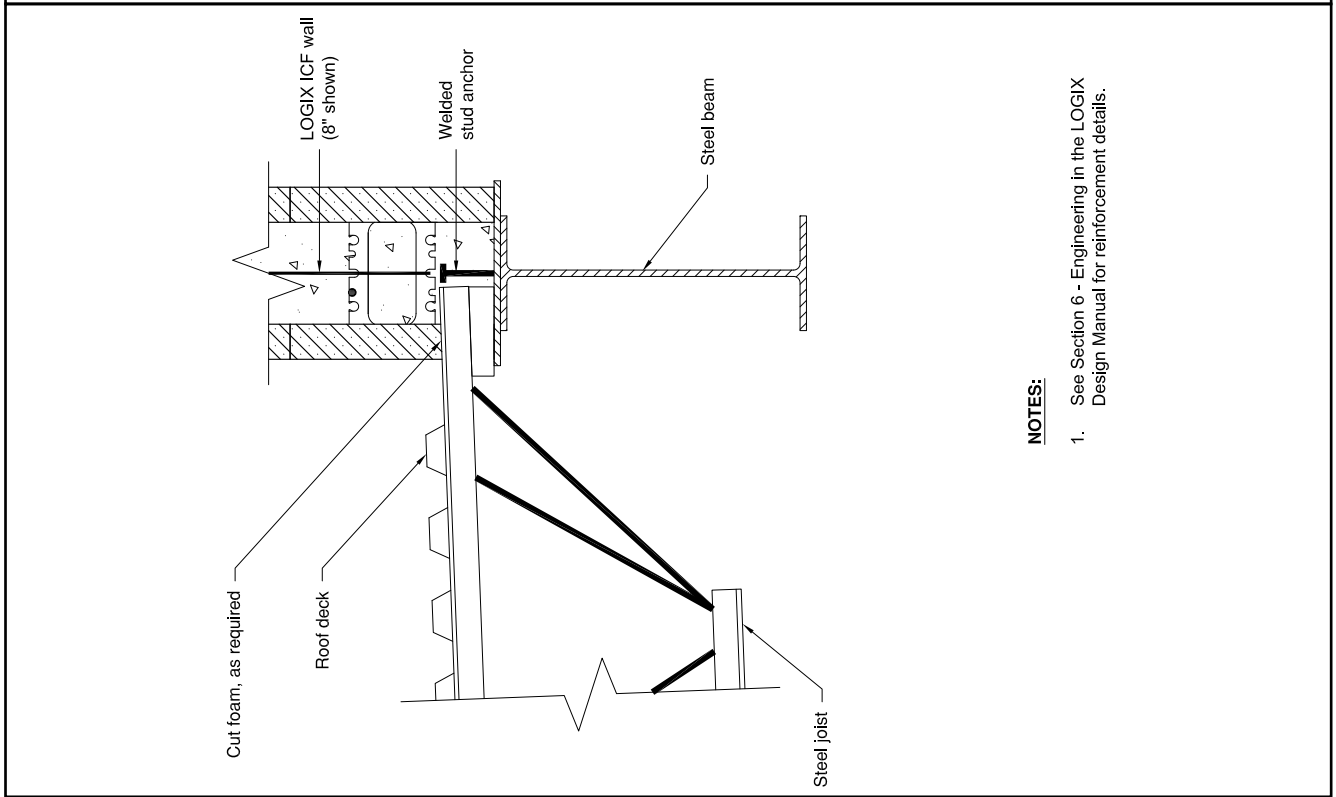
## 5.15.2.10 - JOIST BEARING ON STEEL BEAM SUPPORTING BRICK VENEER



### NOTES:

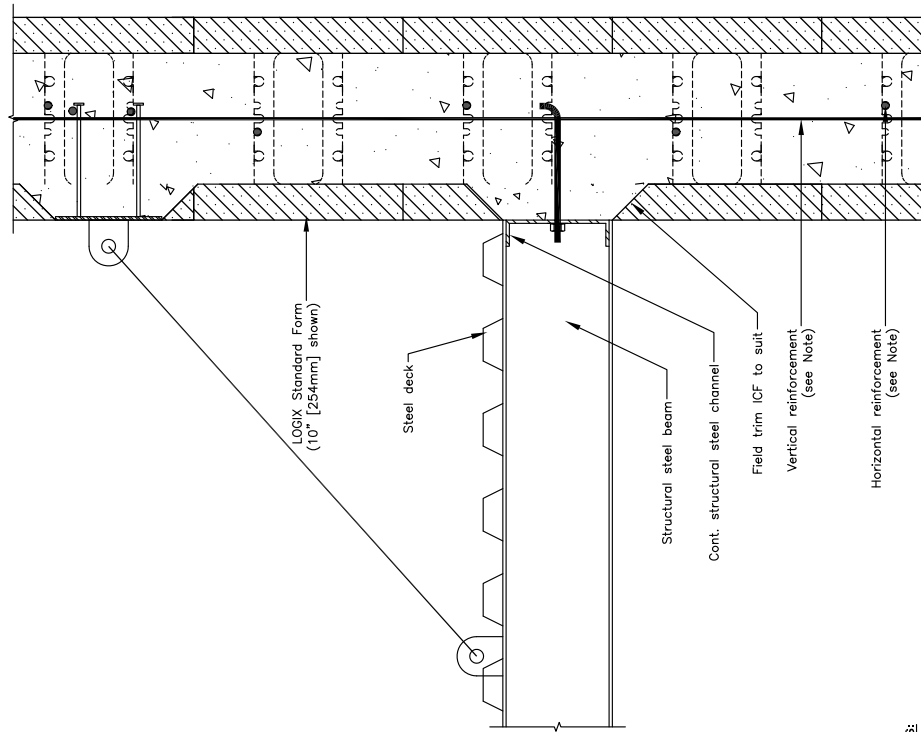
1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

## 5.15.2.9 - JOIST BEARING ON STEEL BEAM



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

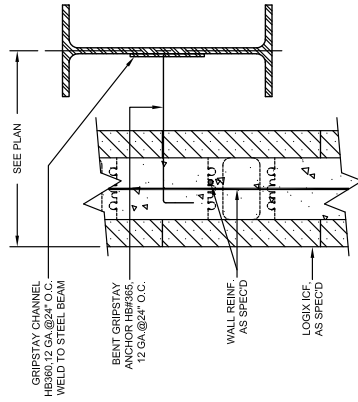
## 5.15.2.11 - STEEL DECK PORCH COVER



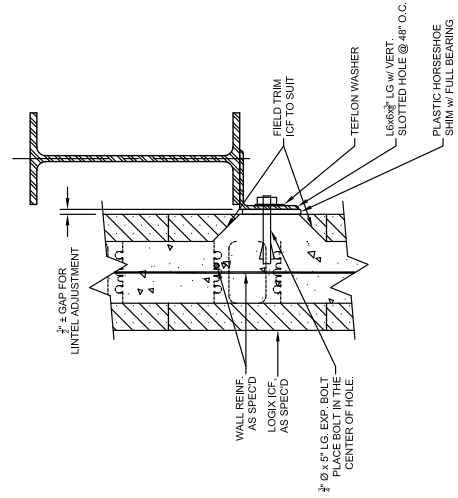
### NOTES:

1. See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.
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.

## 5.15.2.12 - LATERAL BRACING TO STEEL BEAM



DETAIL 1



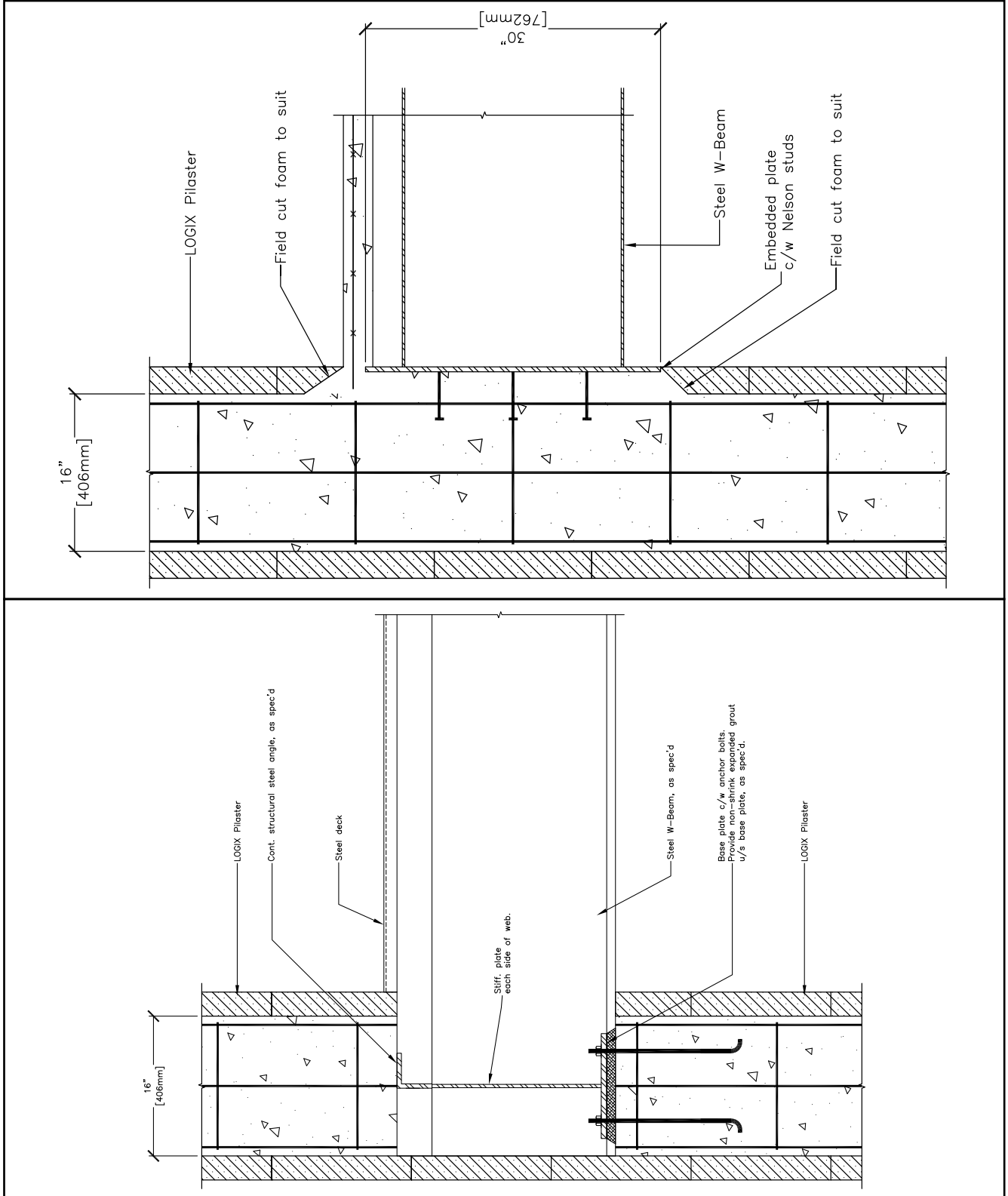
DETAIL 2

The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



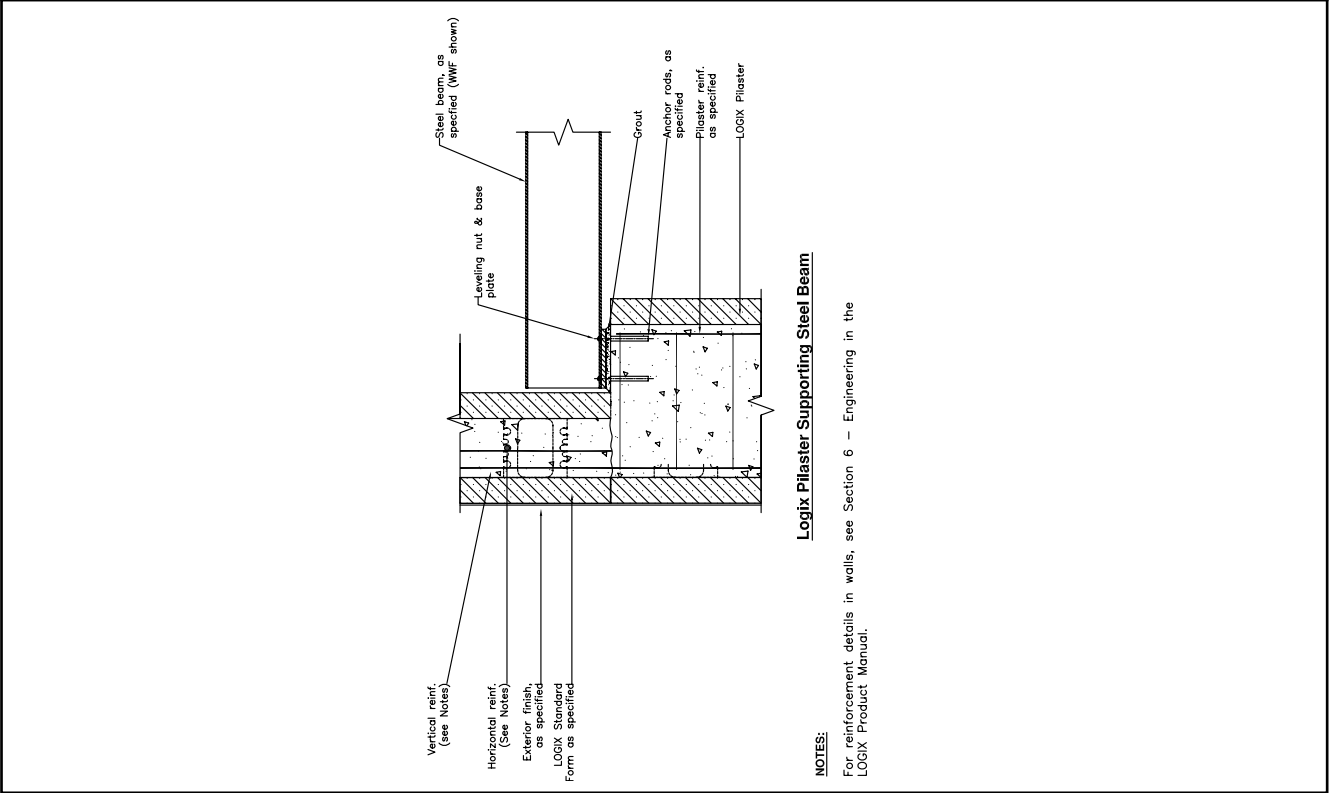
## 5.15.2.13 - STRUCTURAL BEAM WITH BASE PLATE ON LOGIX PILASTER

### 5.15.2.14 - STRUCTURAL BEAM WITH STUDS IN LOGIX PILASTER

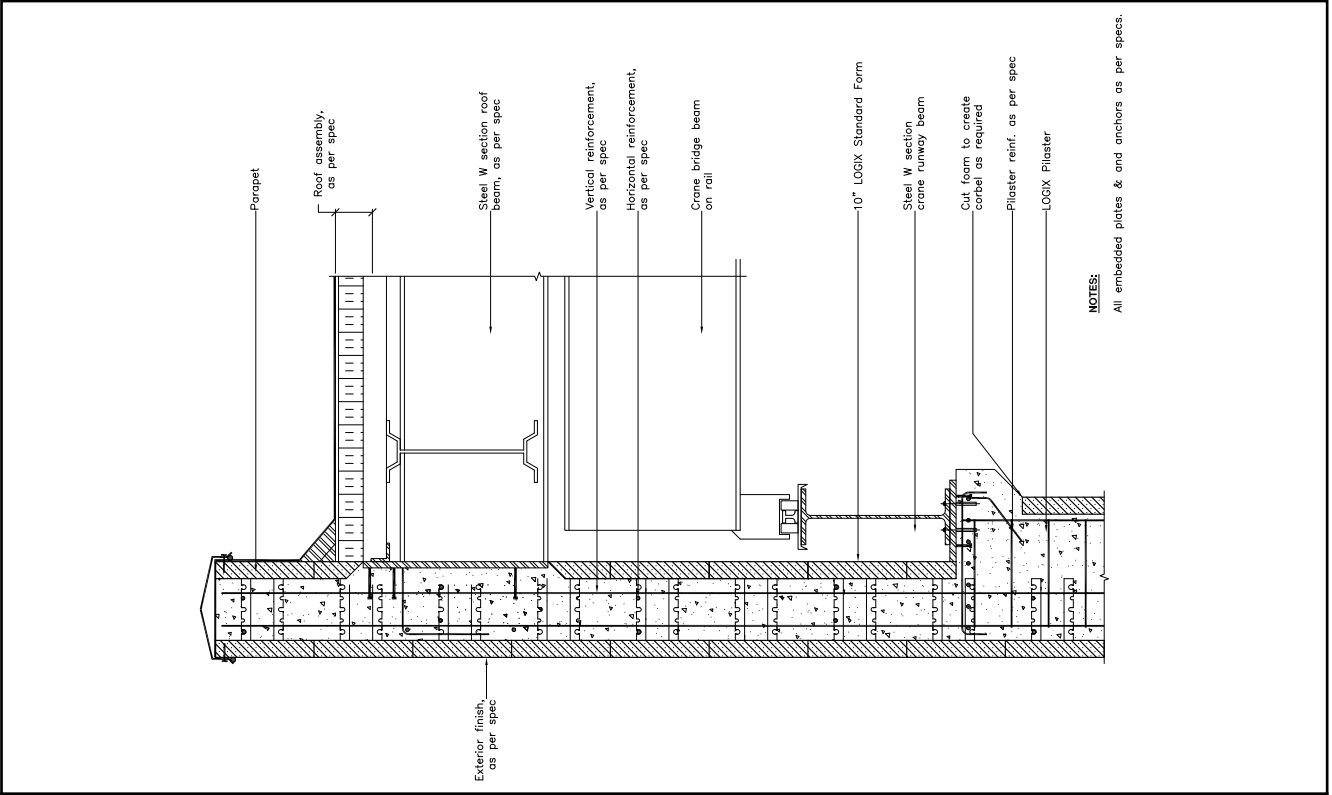


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.15.2.15 - STEEL BEAM BEARING ON LOGIX PILASTER



## 5.15.2.16 - GANTRY SYSTEM ON LOGIX PILASTER

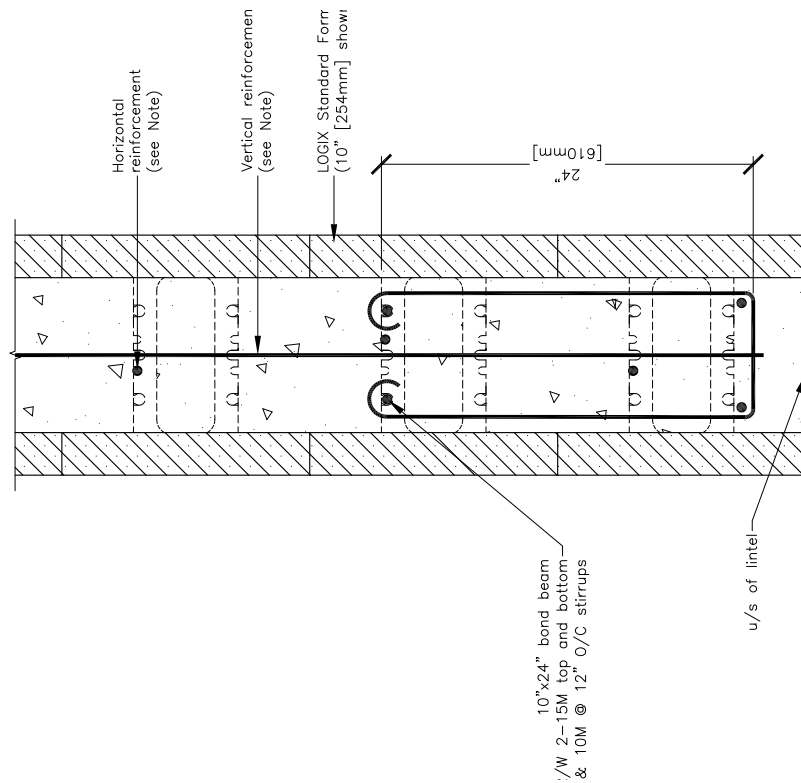


## 5.15.3 - CAST-IN-PLACE

### 5.15.3.1 - BOND BEAM

**NOTES:**

See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.

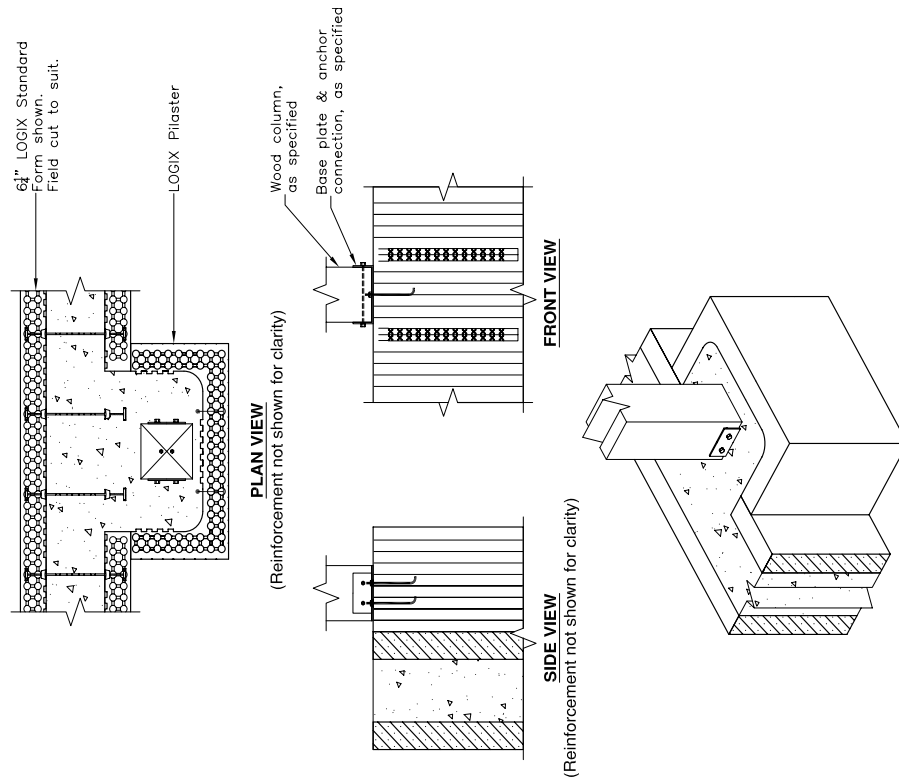


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.16 - COLUMN CONNECTIONS

### 5.16.1 - WOOD COLUMNS

#### 5.16.1.1 - WOOD COLUMN ON LOGIX PILASTER



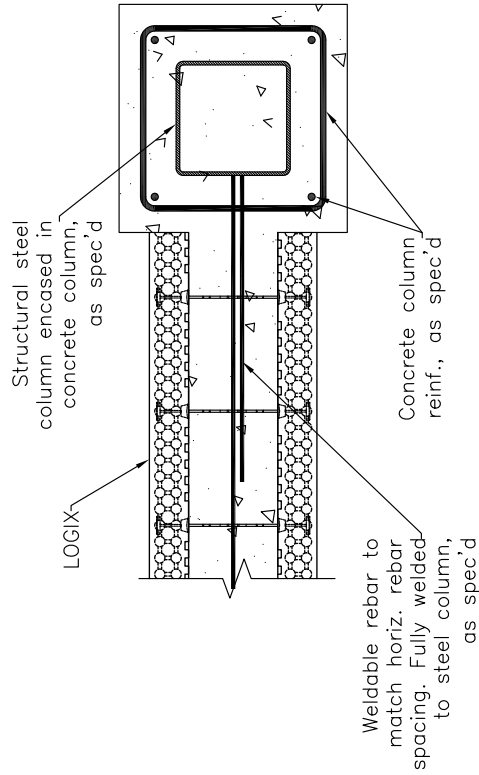
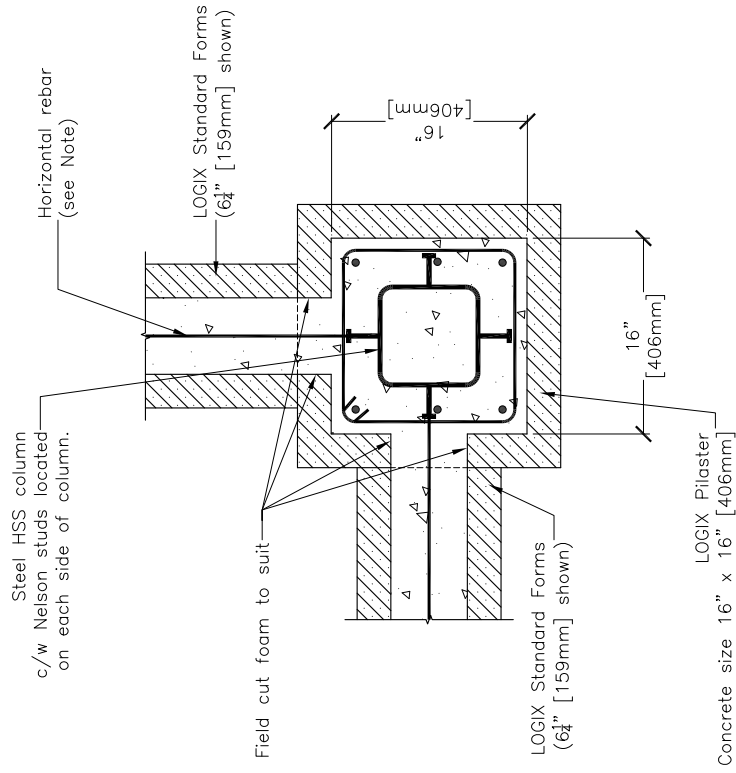
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.16.2.1 - LOGIX PILASTER AT CORNER WITH STRUCTURAL STEEL COLUMN EMBED

## 5.16.2.2 - CONCRETE ENCASED STEEL COLUMN

### NOTES:

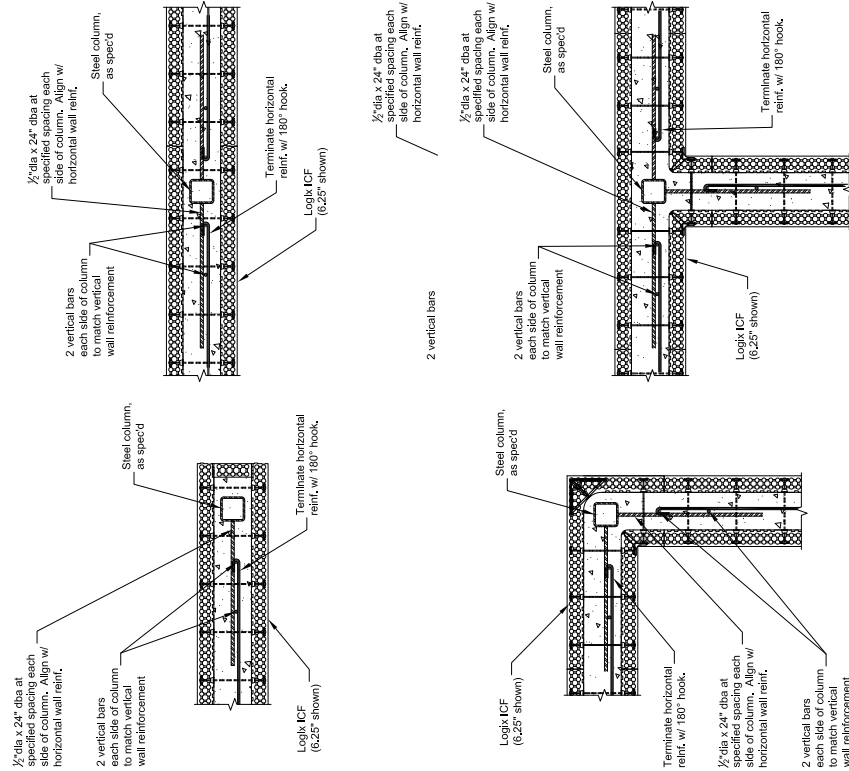
See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.



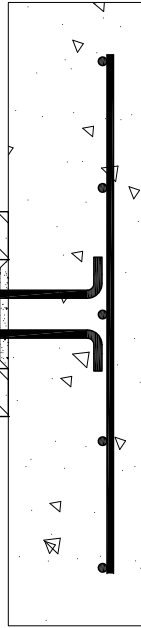
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.16.2.3 - EMBEDDED STEEL COLUMN

### 5.16.2.3 - EMBEDDED STEEL COLUMN

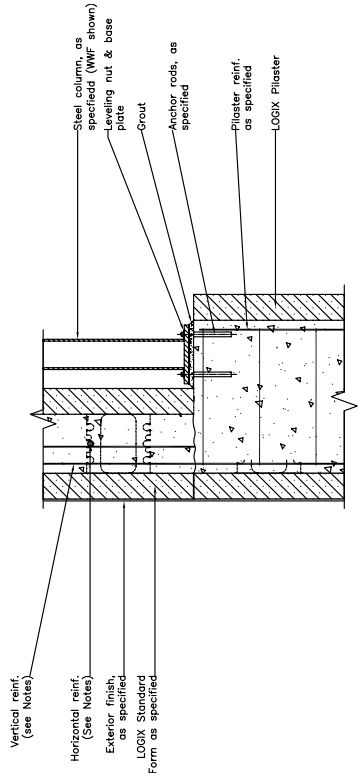
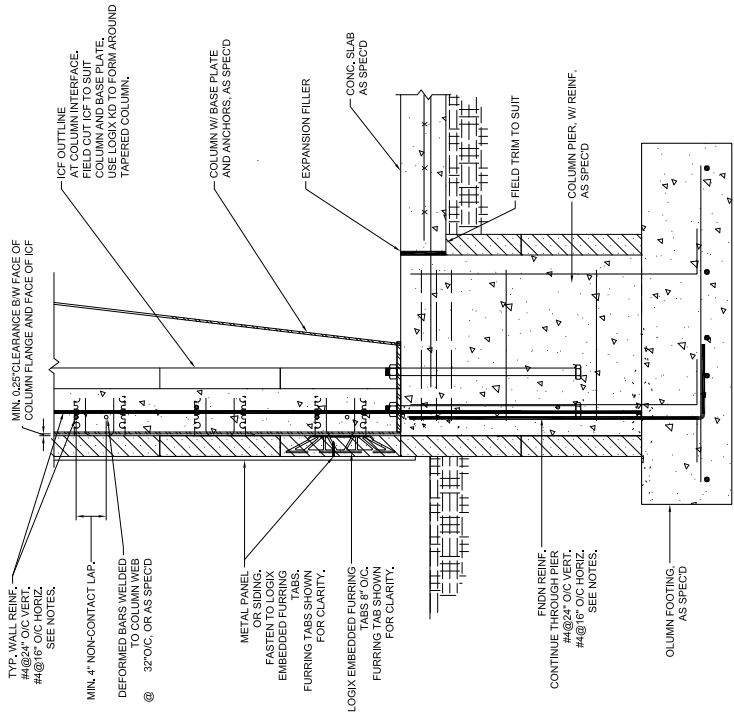


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



5.16.2.5 - EMBEDDED TAPERED COLUMN ON FOOTING

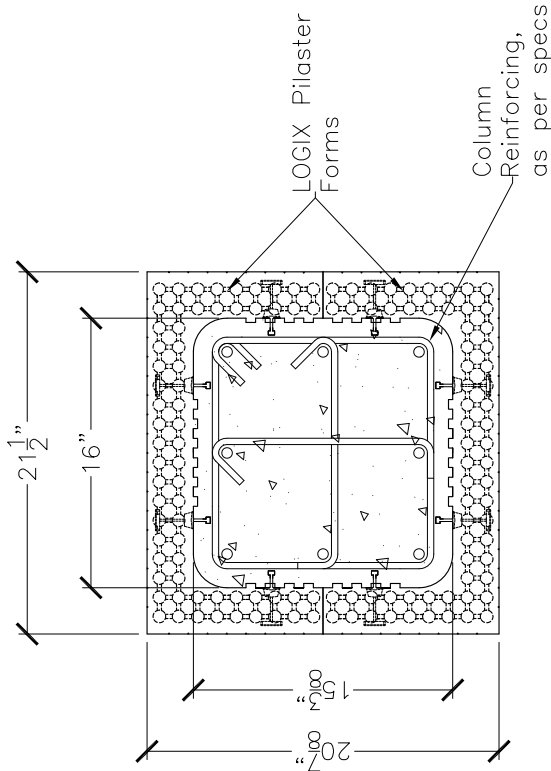
5.16.2.6 - LOGIX PILASTER SUPPORTING STEEL COLUMN



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.16.3 - CONCRETE COLUMNS

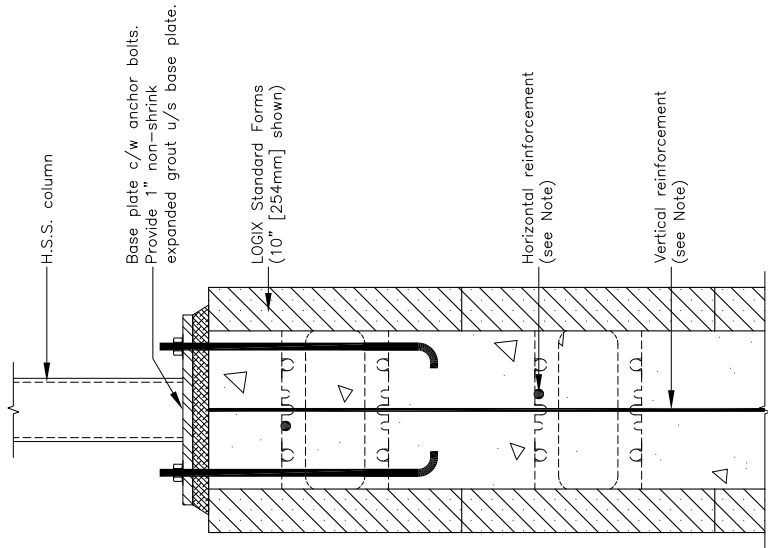
5.16.3.1 - COLUMN FORMED WITH LOGIX PILASTER



5.16.2.7 - HSS COLUMN ON LOGIX

NOTES:

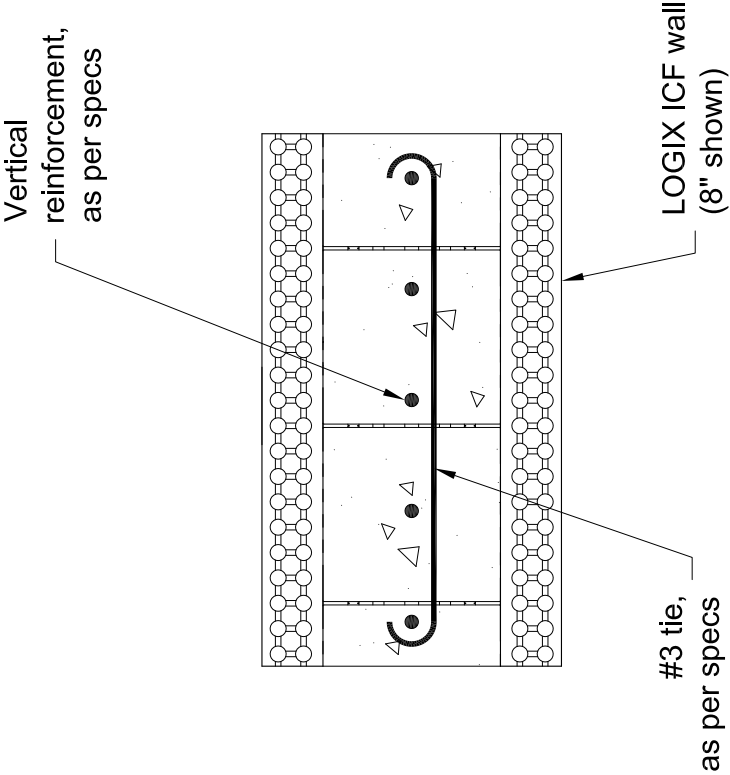
See Section 6 – Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.



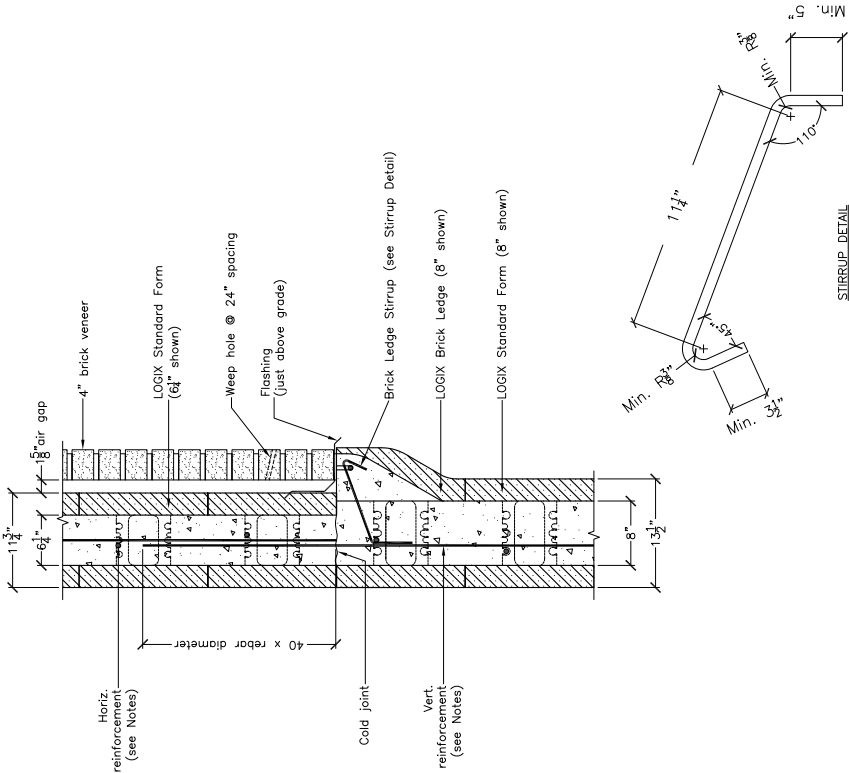
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



5.16.3.2 - LOGIX ICF COLUMN



5.17.1.1 - LOGIX 6.25" ON LOGIX 8" BRICK LEDGE

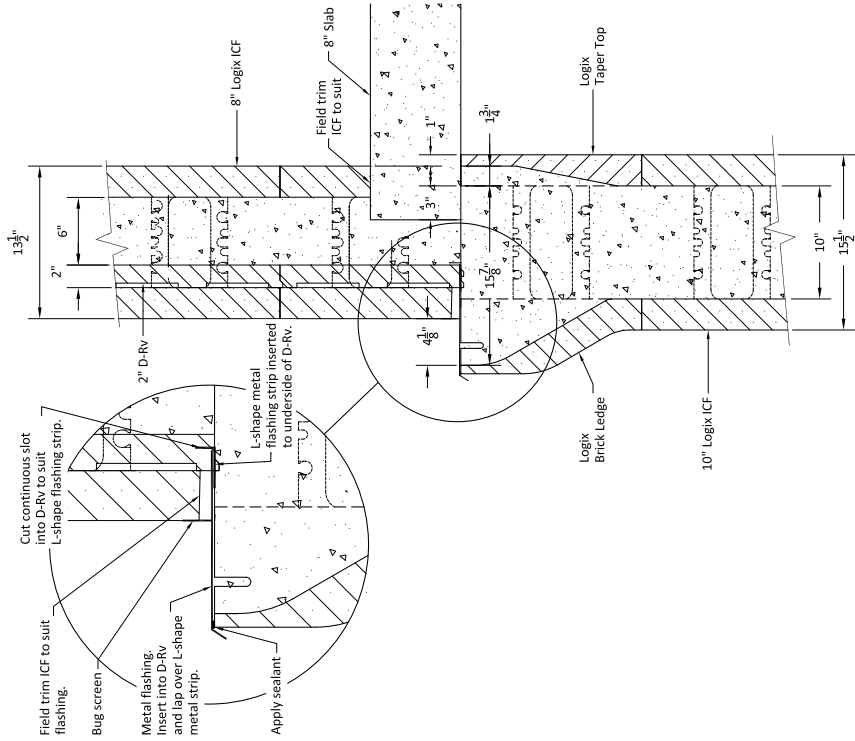


NOTES:  
See Section 6 - Engineering in the LOGIX Design Manual or the LOGIX Field Manual for reinforcement details.

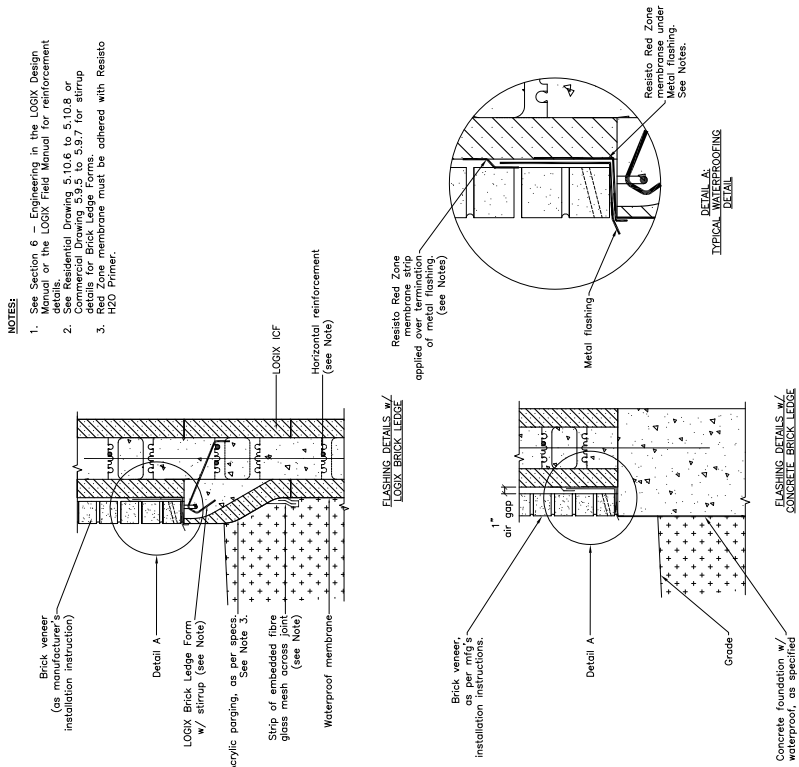
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## 5.17.1.4 - LOGIX BRICK LEDGE FLASHING DETAILS



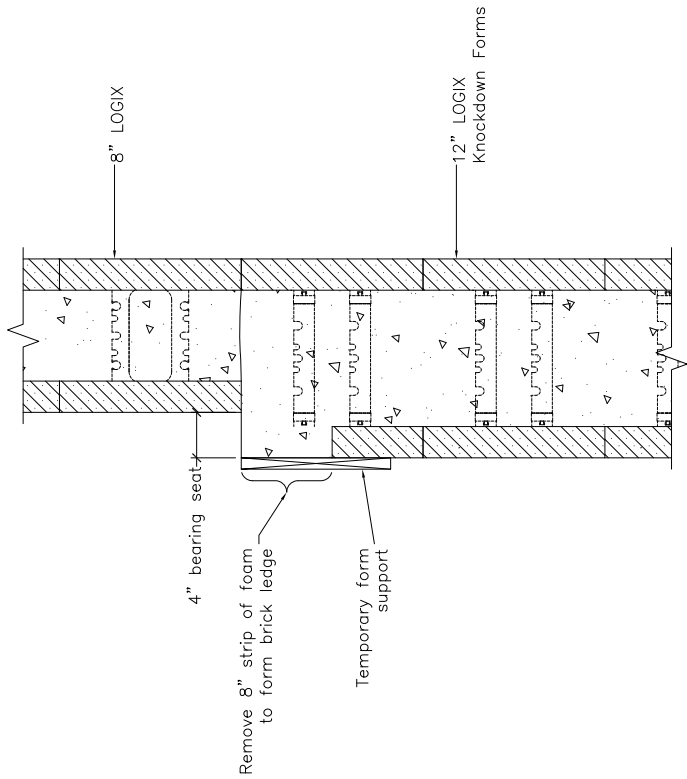
## 5.17.1.5 - LOGIX BRICK LEDGE FLASHING DETAILS



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.17.2 - FORMED BRICK LEDGE

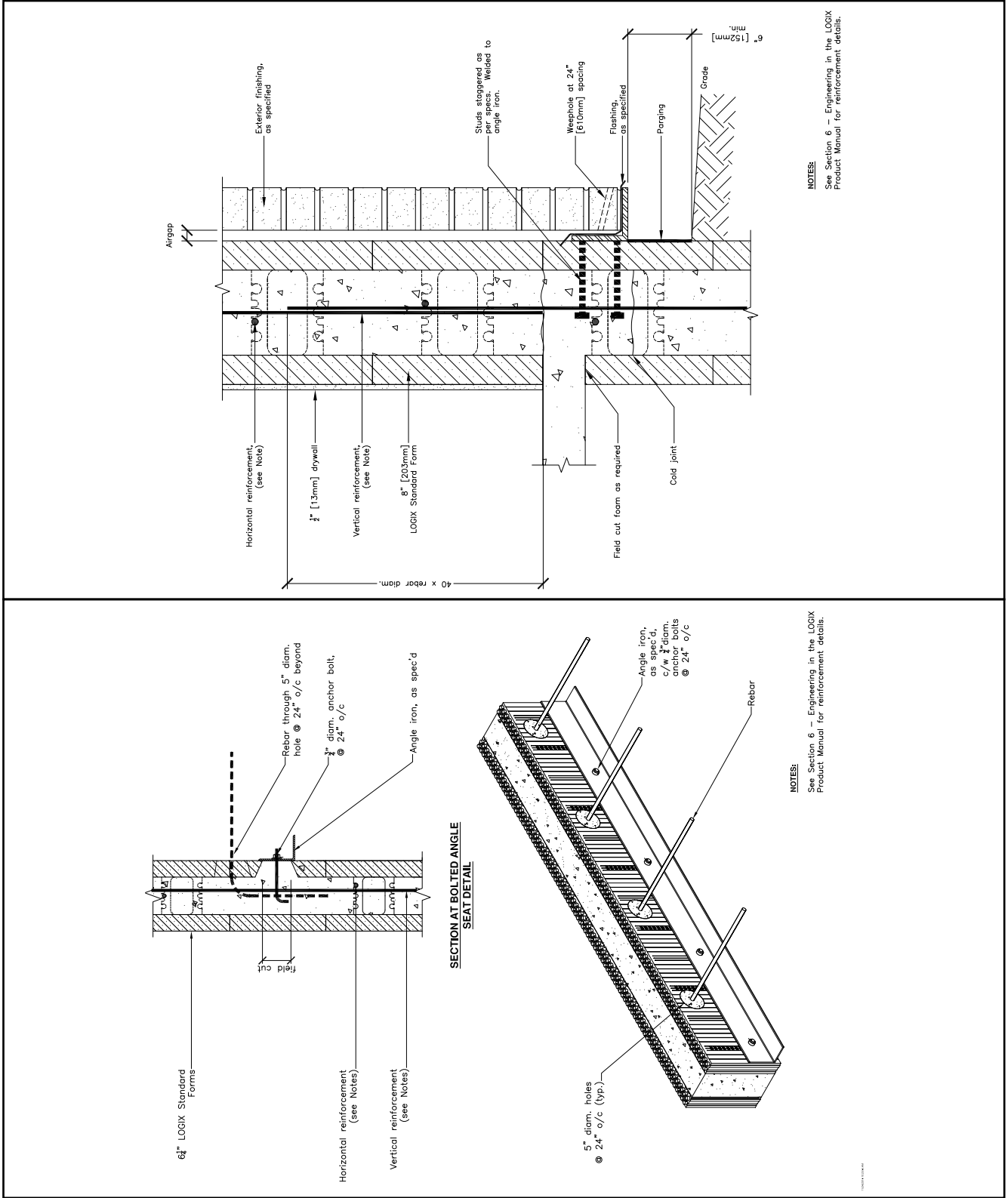
5.17.2.1 - BRICK LEDGE FORMED WITH 12" KD  
FORMS



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

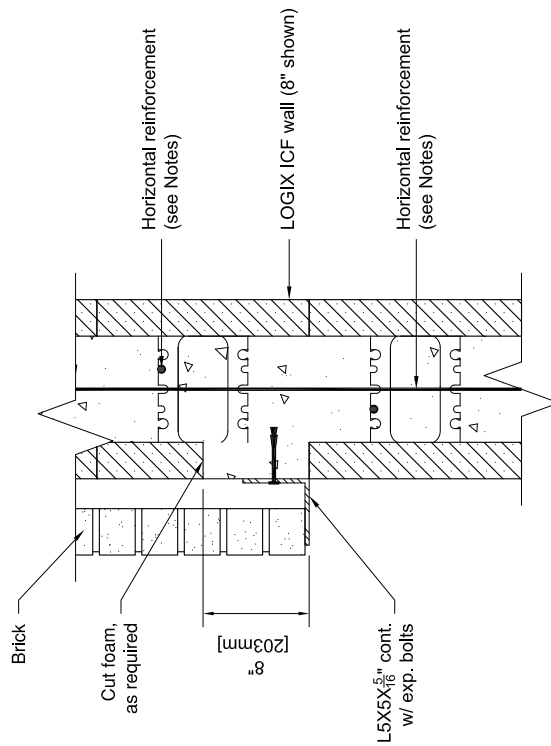
## 5.17.3.1 - ANGLE IRON SEAT SHOWING WALL DOWELS TO SLAB

### 5.17.3.2 - ANGLE IRON SUPPORTING BRICK VENEER WITH WELDED STUDS



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

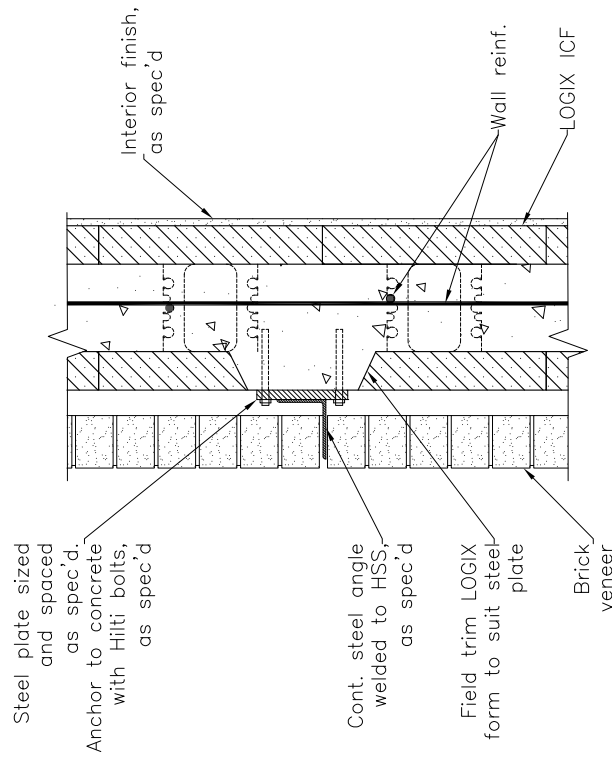
### 5.17.3.3 - ANGLE IRON SUPPORTING BRICK VENEER WITH EXPANSION BOLTS



#### NOTES:

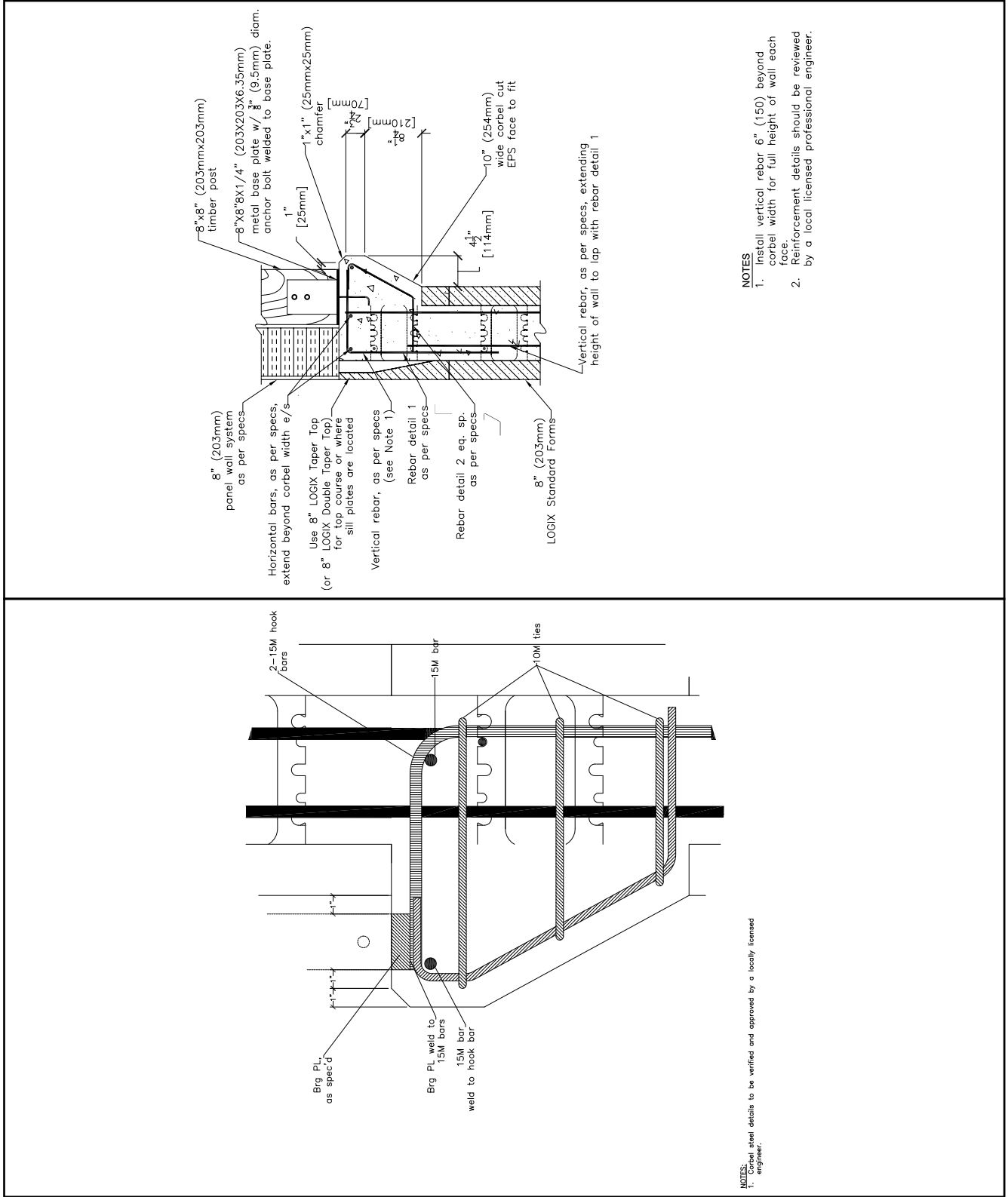
1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.

### 5.17.3.4 - ANGLE IRON SUPPORTING BRICK VENEER WITH WELDED PLATE



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

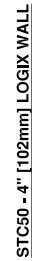
## 5.17.4.1 - CORBEL REINFORCING EXAMPLE 5.17.4.2 - CORBEL SUPPORTING TIMBER POST



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



### 5.18.1 - 4" LOGIX WALL ASSEMBLY (STC 50)



1. See Section 6 - Engineering in the LOGIX Design Manual for reinforcement details.
2. Install vertical rebar 6" beyond corbel width for full height of wall each face.
3. Reinforcement details should be reviewed by a local licensed professional engineer.

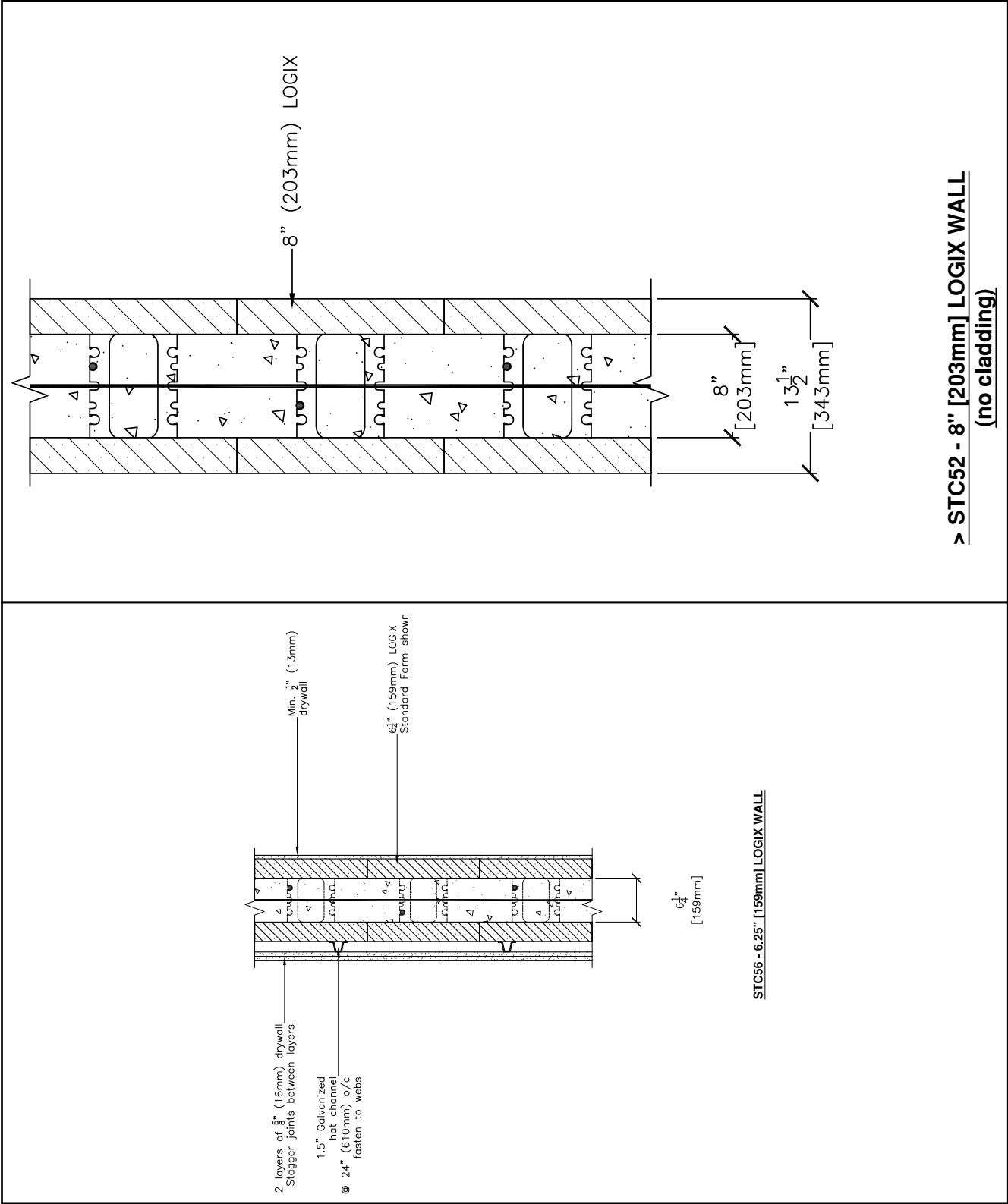


**LOGIX**<sup>®</sup>  
INSULATED CONCRETE FORMS

LogixlCF.com | 030321 | 5 - 181



5.18.2 - 6.25" LOGIX WALL ASSEMBLY (STC 56) 5.18.3 - 8" LOGIX WALL ASSEMBLY (> STC 526)

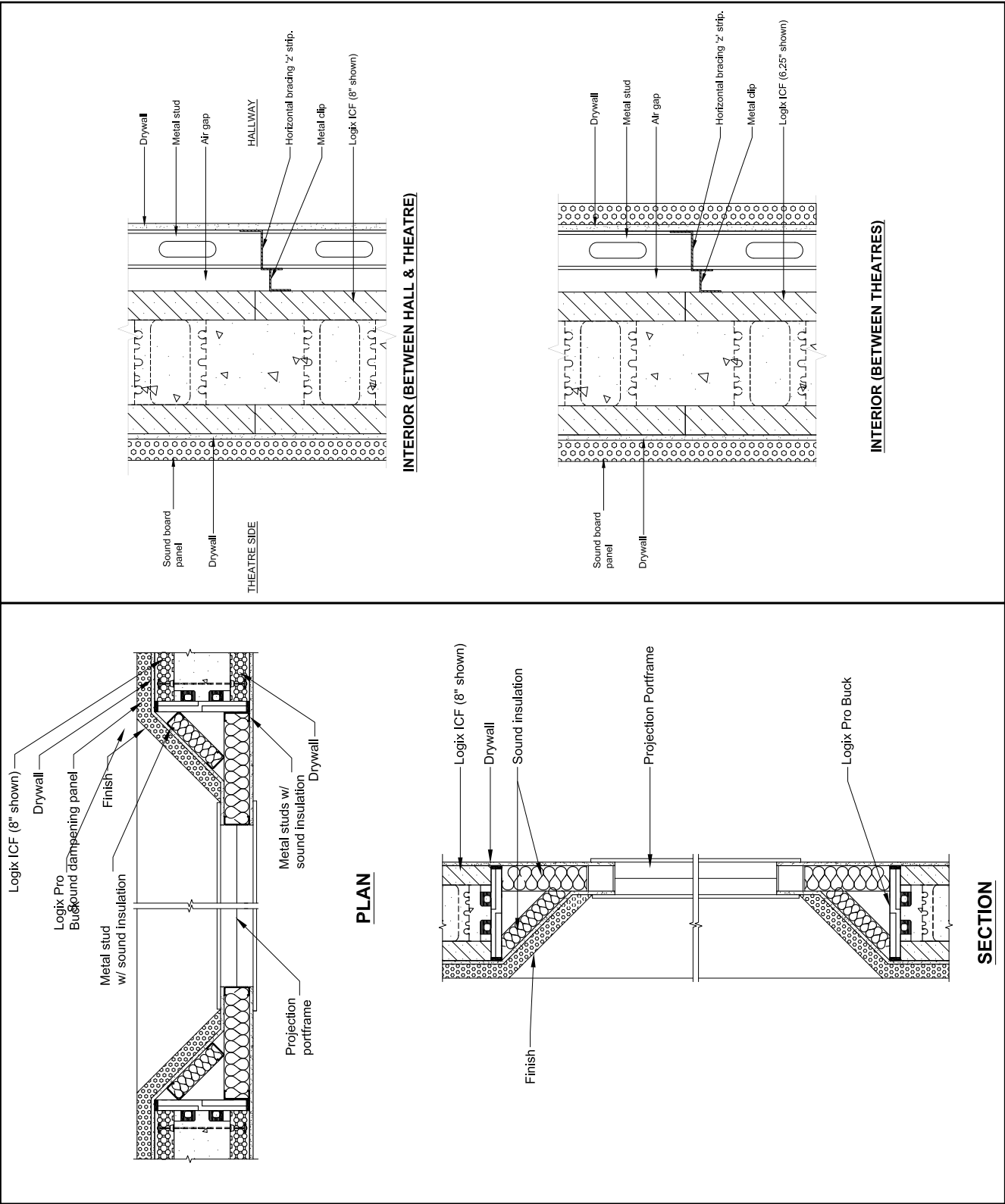


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

5.19 - THEATRES

5.19.2 - THEATRE WALL ASSEMBLIES

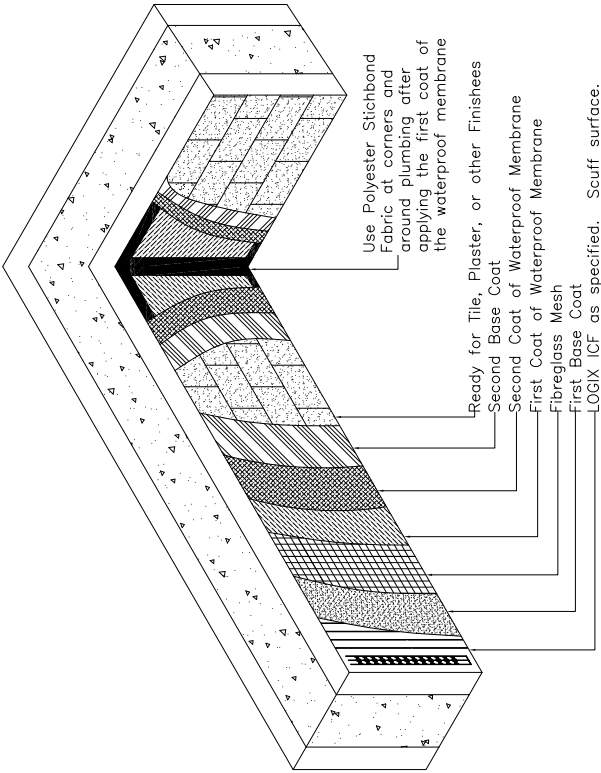
5.19.1 - THEATRE PROJECTION PORT FRAME



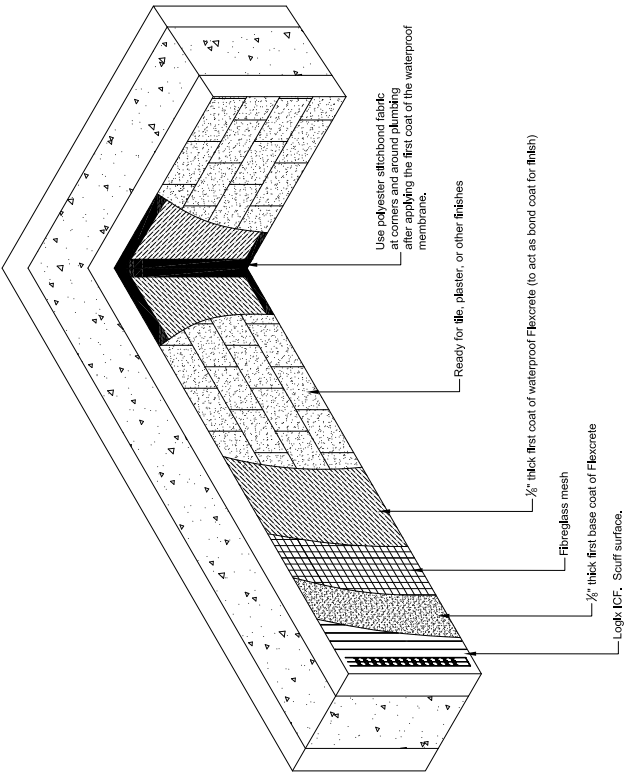
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.20 - POOLS

### 5.20.1 - POOL FINISH EXAMPLE

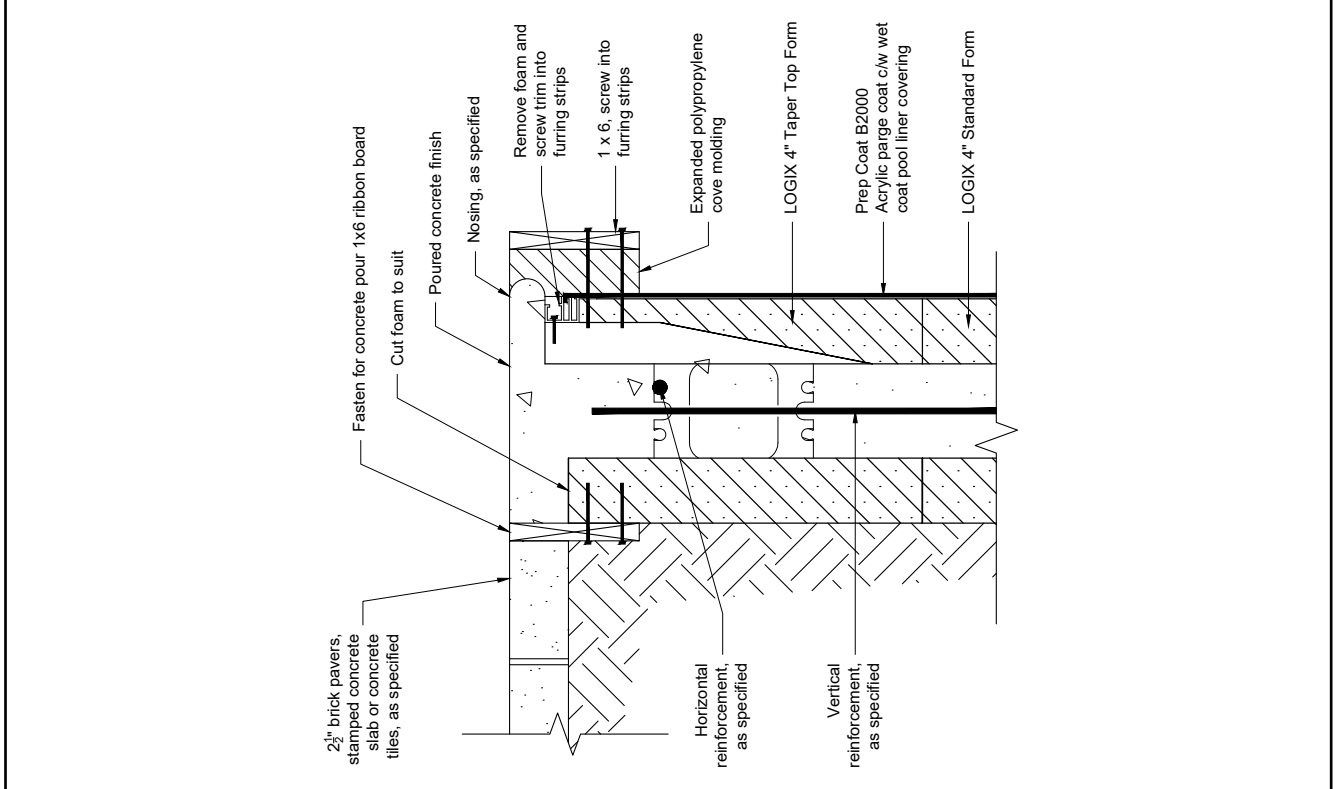


### 5.20.2 - FLEXCRETE POOL FINISH

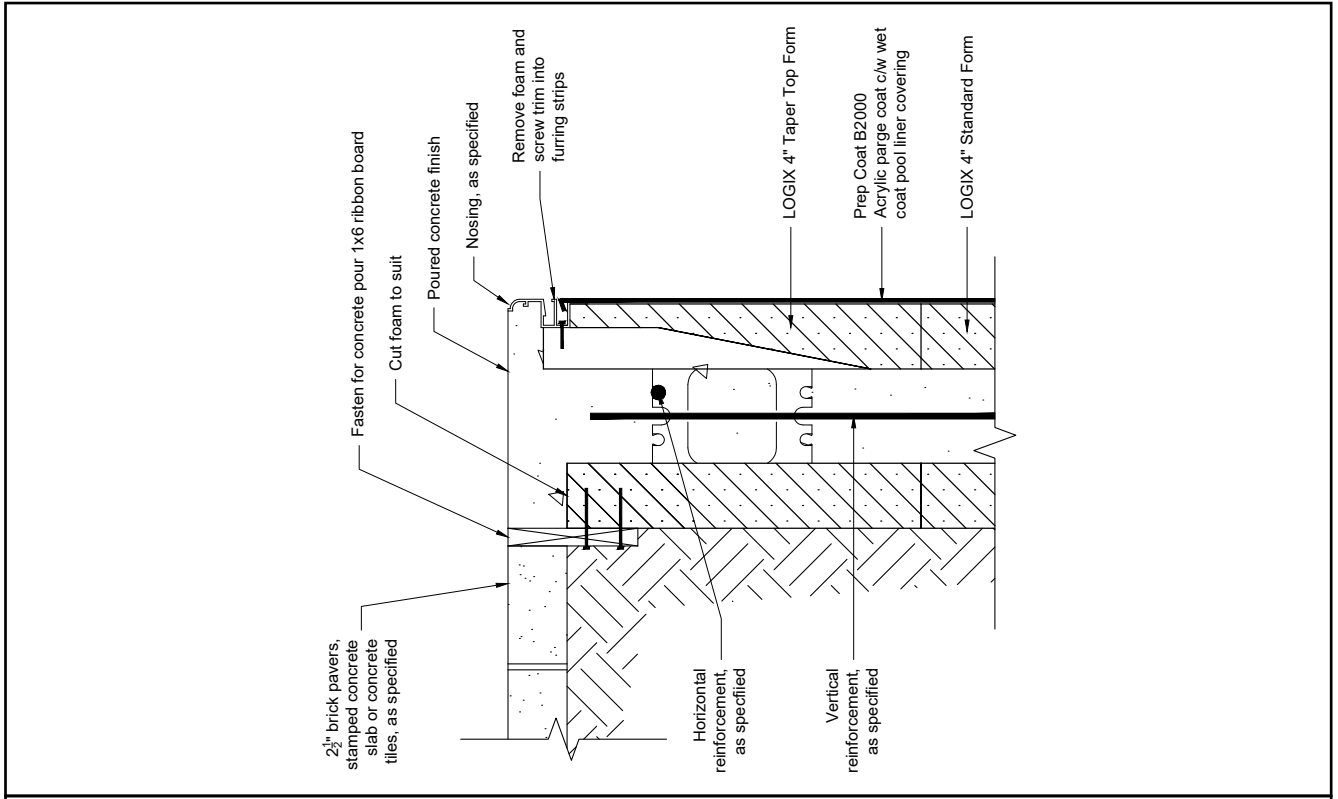


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.20.3 - POOL DETAIL FORMING FOR COPING OPTION 1

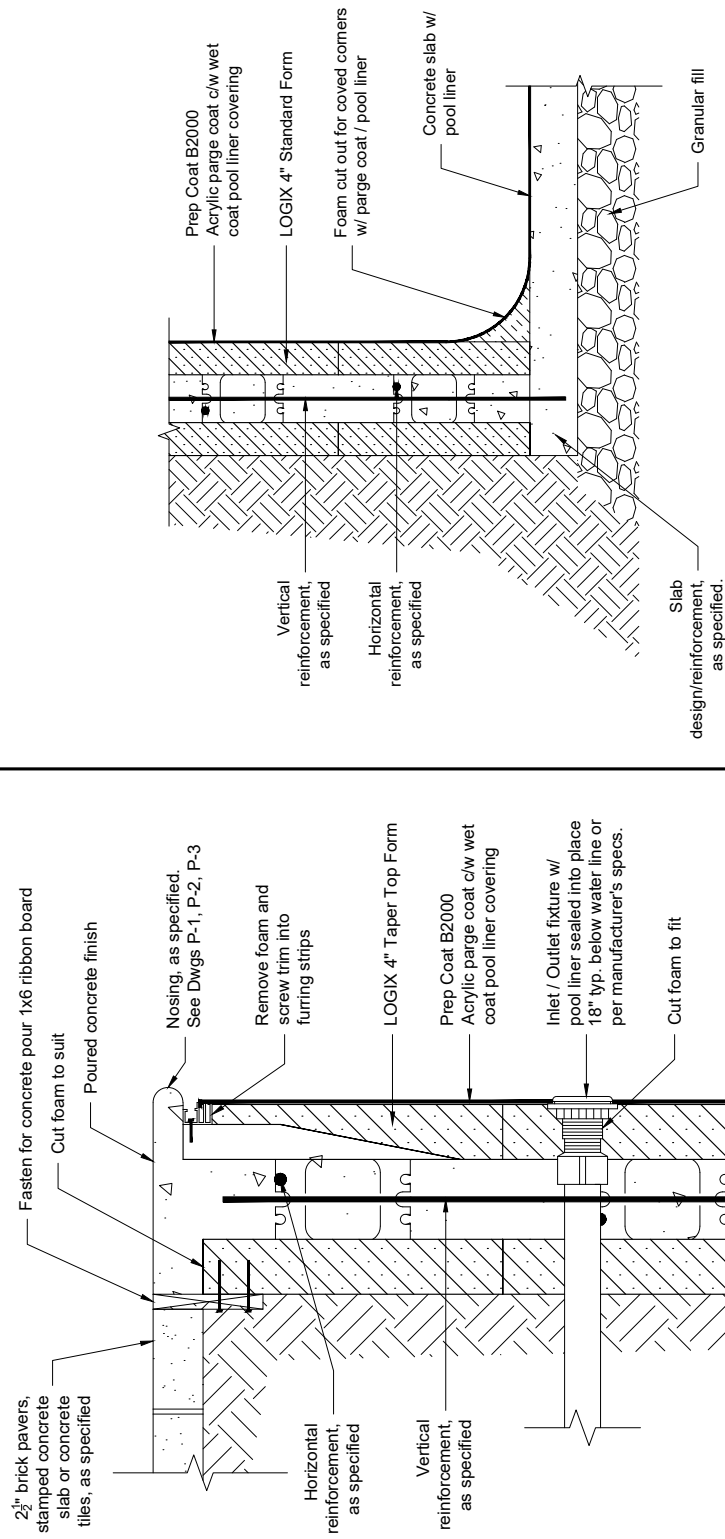


## 5.20.4 - POOL DETAIL FORMING FOR COPING OPTION 2



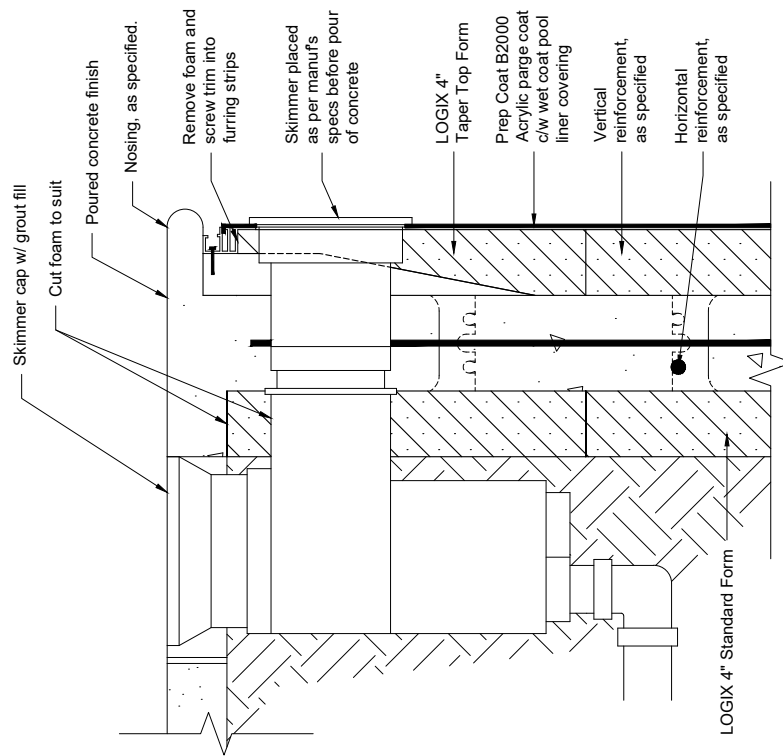
The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.20.6 - POOL DETAIL AT FOOTING

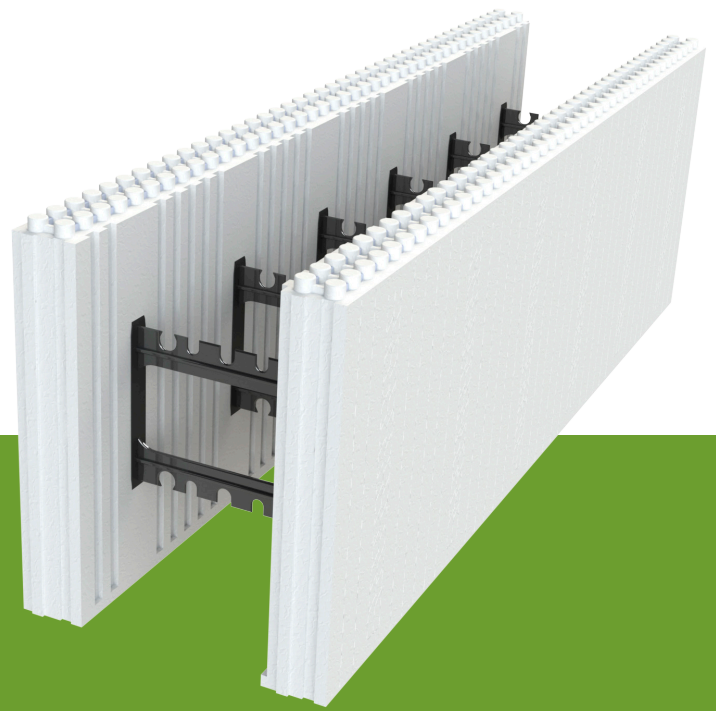


The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.

## 5.20.7 - POOL SKIMMER



The tables and drawings represented herein are believed to be accurate and conforming to current design and construction practices. However, the tables and drawings should be used as a reference guide only. The user shall check to ensure the drawing meets local building codes, design and construction practices by consulting local building officials and professionals, including any additional requirements. Logix reserves the right to make changes to the tables and drawings without notice and assumes no liability in connection with the use of the tables and drawings including modification, copying or distribution.



## Connect with a Local Manufacturer

**888.838.5038**

330 Cain Drive  
Haysville, KS 67060-2004

**888.453.5961**

11581-272 St.  
Acheson, AB T7X 6E9

**888.706.7709**

840 Division St.  
Cobourg, ON K9A 5V2

**888.453.5961**

6333 Unsworth Rd.  
Chilliwack, BC V2R 5M3

**877.789.7622**

35 Headingley Rd.  
Headingley, MB R4H 0A8



info@LogixICF.com  
LogixICF.com

