

# **Section 1**

## **Preparing for ThermoFormX System**

### Tools for the Jobsite

- 1 cordless circular saw
  - A table saw can be used in place of a cordless circular saw
- 4' level
- Rebar cutter or 4" grinder
- Scaffolding
  - Although not mandatory, ICF scaffolding greatly facilitates construction by replacing kicker bracing and increases jobsite safety
- Power fastener (for attaching C-channels to footing)
- Square
- Chalk line
- String line (for straightening walls)
- Hand saw
- Two or more 6' or 8' step ladders

### Tools Each Worker Should Have

- Tool pouch
- Hammer
- Aviation snips (yellow handle) - for cutting stud rails and c-channels
- Cordless screw gun

### Fasteners

- 3" coarse thread construction screws (star drive / 6 lobe drive works best)
- 1 1/2" coarse thread construction screws (star drive / 6 lobe drive works best)
- 1/2" steel stud framing screws (darts) or sheet metal studs
- 1 1/4" round masonry nails, or power fasteners for attaching c-channel to concrete

### Bracing Materials

- 2"X6" 's for corner bracing
- 2"X4" 's for corner bracing and kickers
- Stakes or pins for anchoring kickers

This list may not be complete; it is intended to show only the basic tools required to efficiently install ThermoFormX system components.



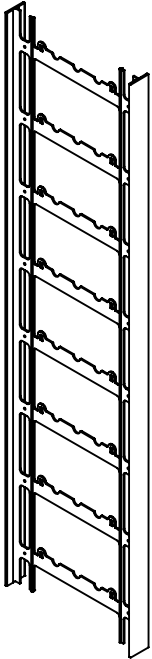
Tool List

ThermoFormX

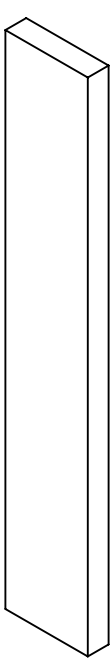
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# What components make up the ThermoFormX System?



PLASTIC STUD



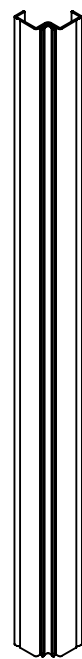
7-7/8" WIDE X 2" THICK EXTRUDED POLY PANEL



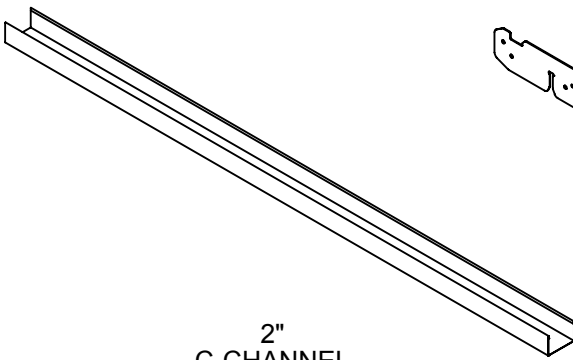
2" X 2" OUTSIDE CORNER POLY PLUG (OPTIONAL)



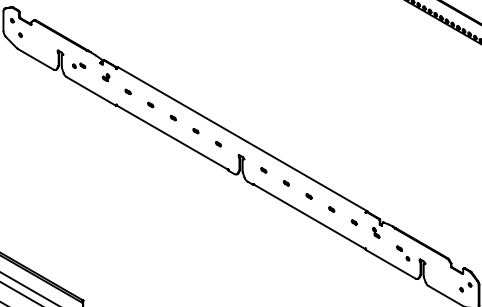
OUTSIDE PLASTIC CORNER



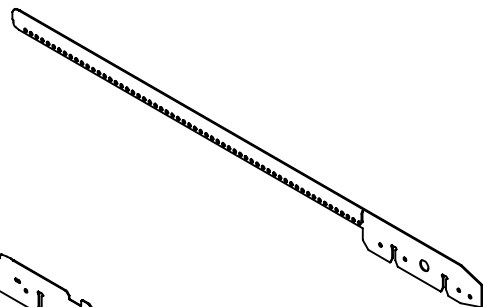
INSIDE PLASTIC CORNER



2" C-CHANNEL



LATERAL-TIE



ADJUSTABLE LATERAL-TIE



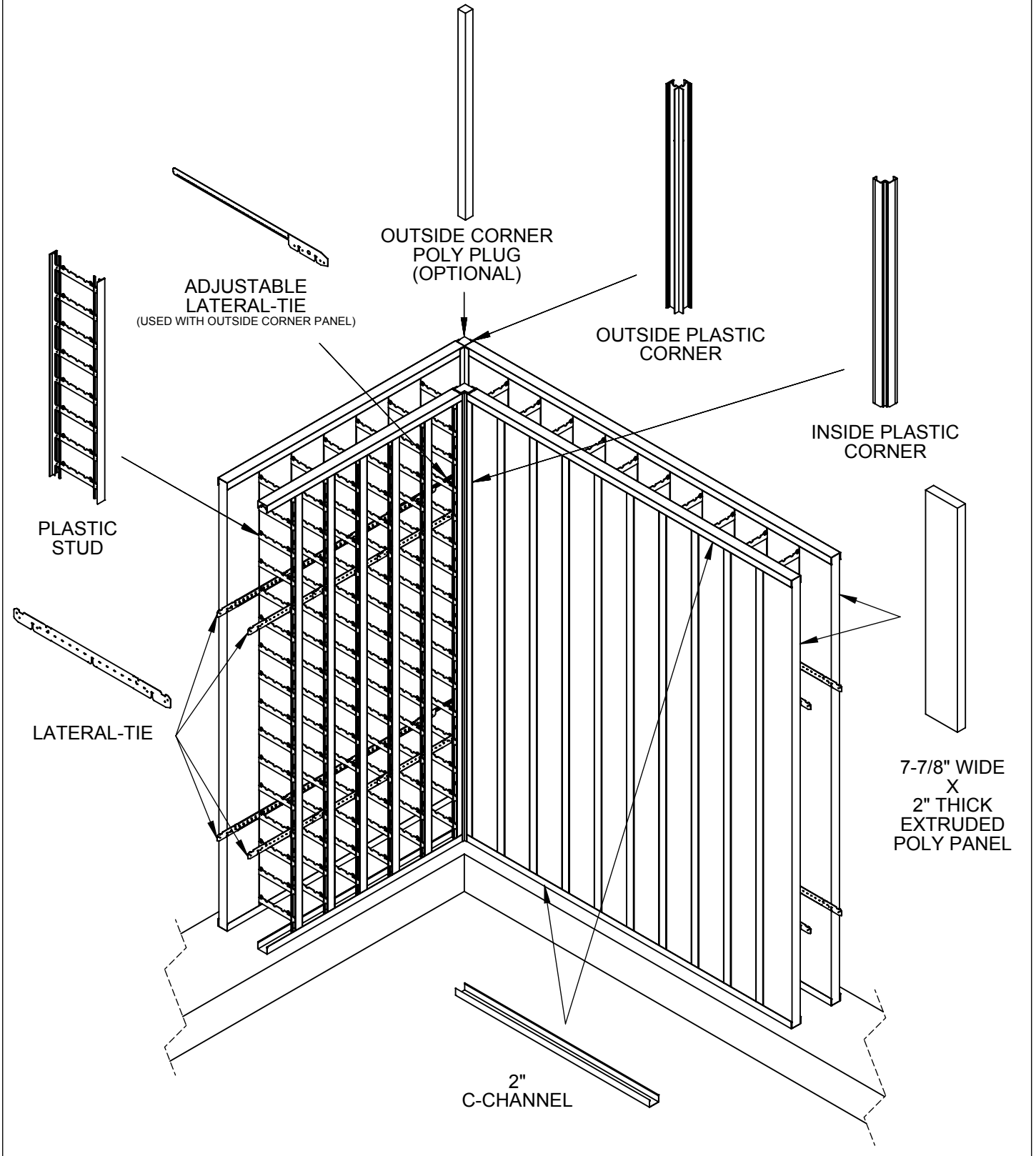
Basic Components

ThermoFormX

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# Where are the components located in the ThermoFormX System?



Locating Components

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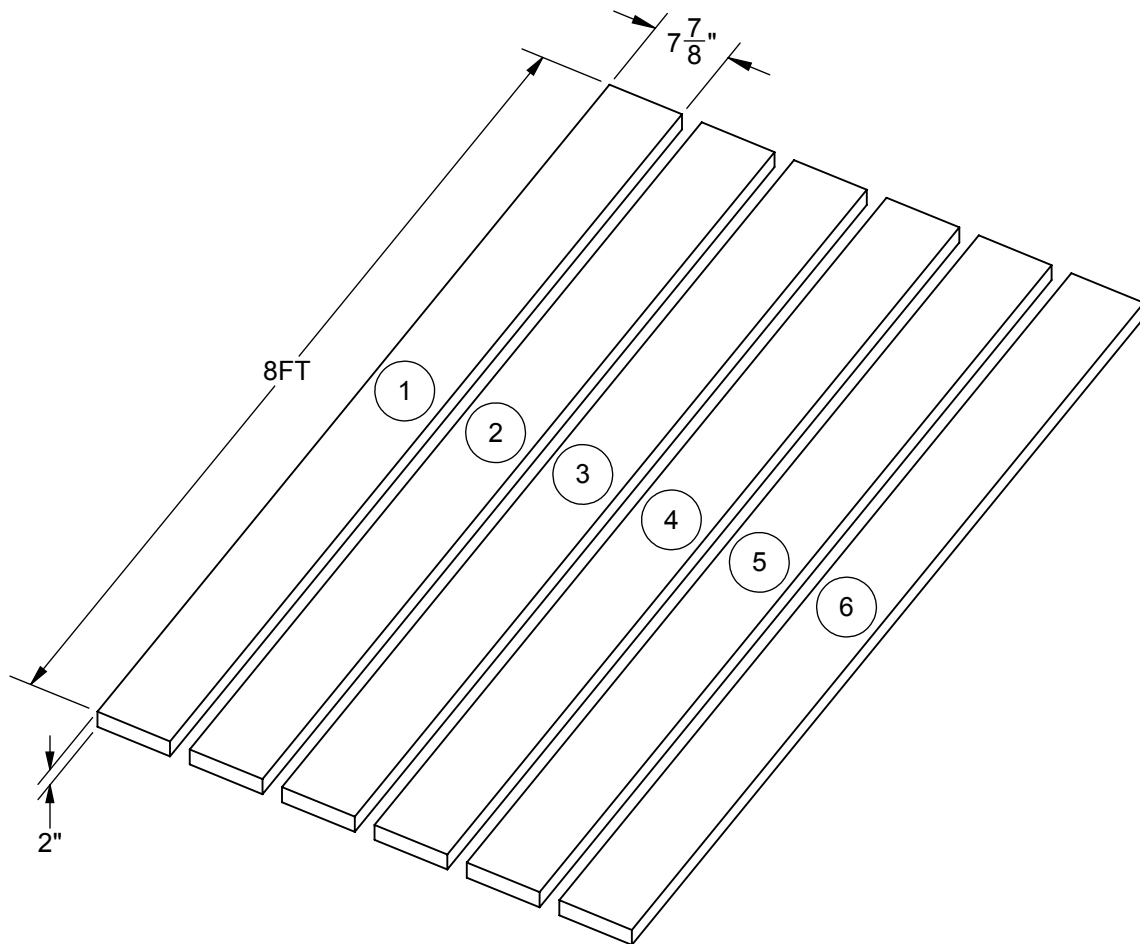
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# USE ONLY 2" THICK NON-SCORED 25PSI XPS BOARD

ONLY USE: Dow (blue) Square Edge™, (25 psi)

DO NOT USE: Any board that is scored from factory, Dow (blue) Friction Fit™,



For standard wall panels:

- Rip 4' x 8' x 2" x 25 psi XPS sheets into 6 equal panels measuring **7-7/8"** wide

For corner poly panels:

- See dimensions on next page



Panel Fabrication

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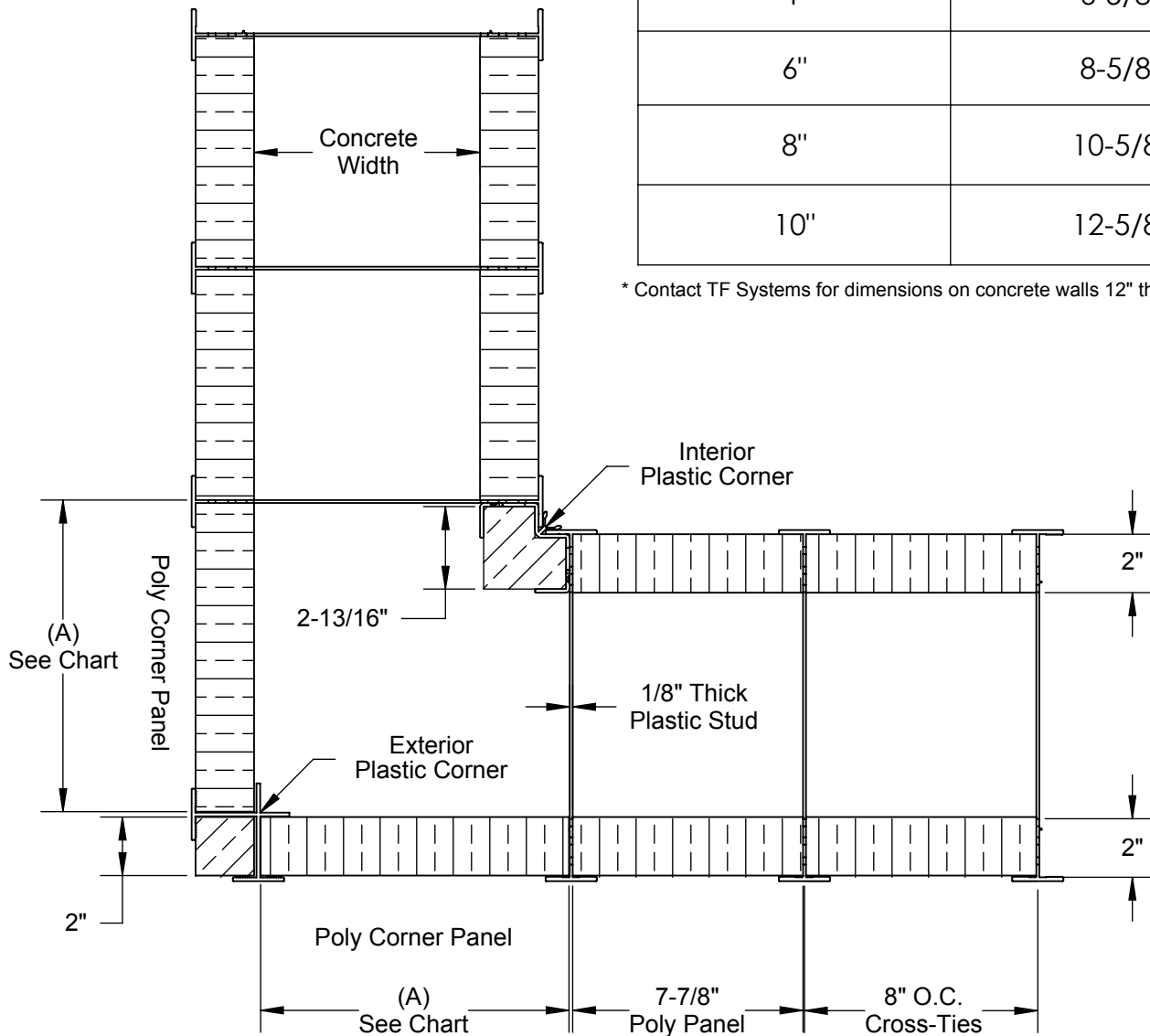
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# Corner Set Dimensions

Concrete Width	(A) Width of Poly Corner Panel
4"	6-5/8"
6"	8-5/8"
8"	10-5/8"
10"	12-5/8"

\* Contact TF Systems for dimensions on concrete walls 12" thick or greater



90° Corner Sets

ThermoFormX

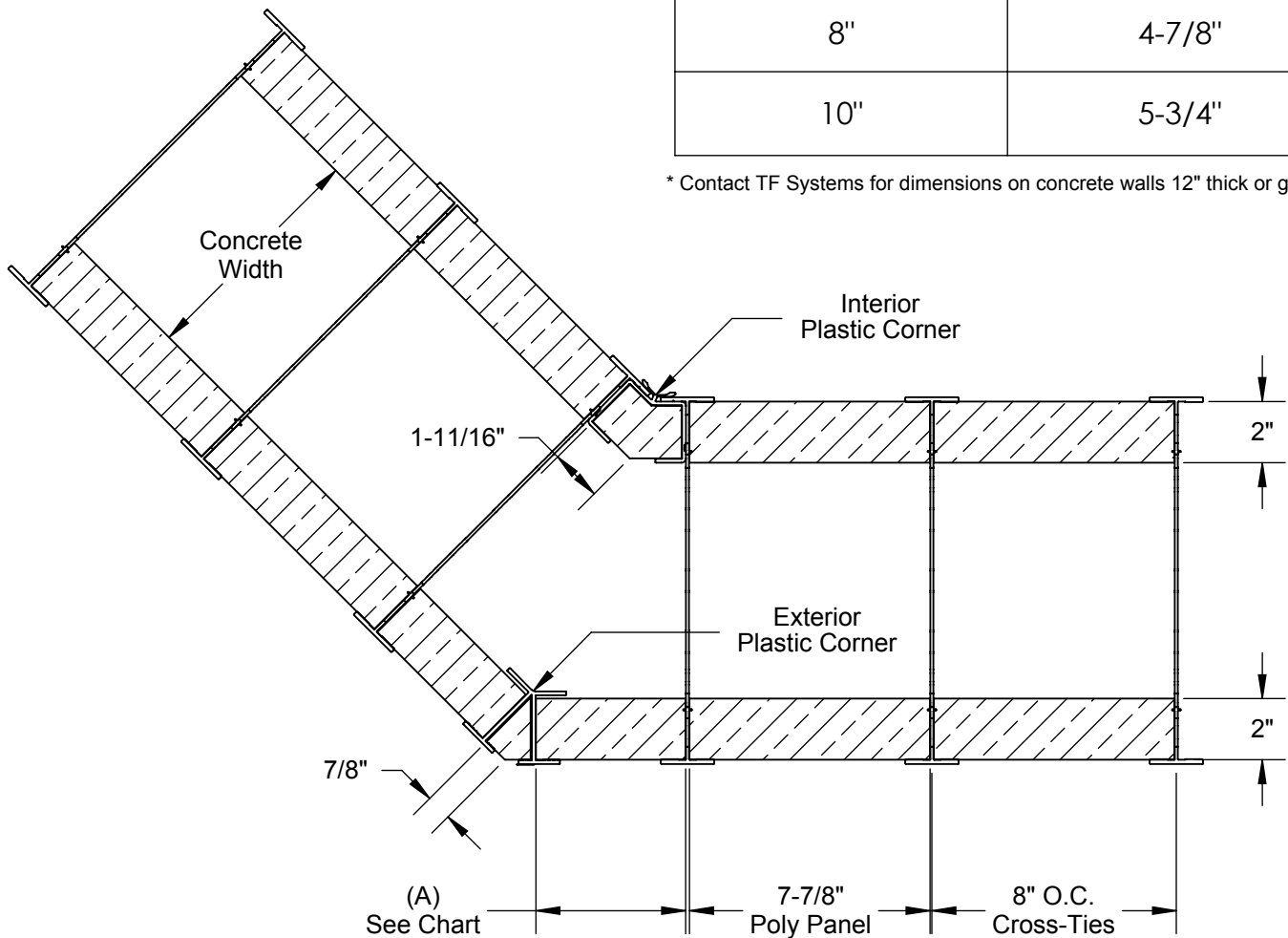
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# Corner Set Dimensions

Concrete Width	(A) Width Of Poly Corner Panel
4"	3-1/4"
6"	4-1/8"
8"	4-7/8"
10"	5-3/4"

\* Contact TF Systems for dimensions on concrete walls 12" thick or greater



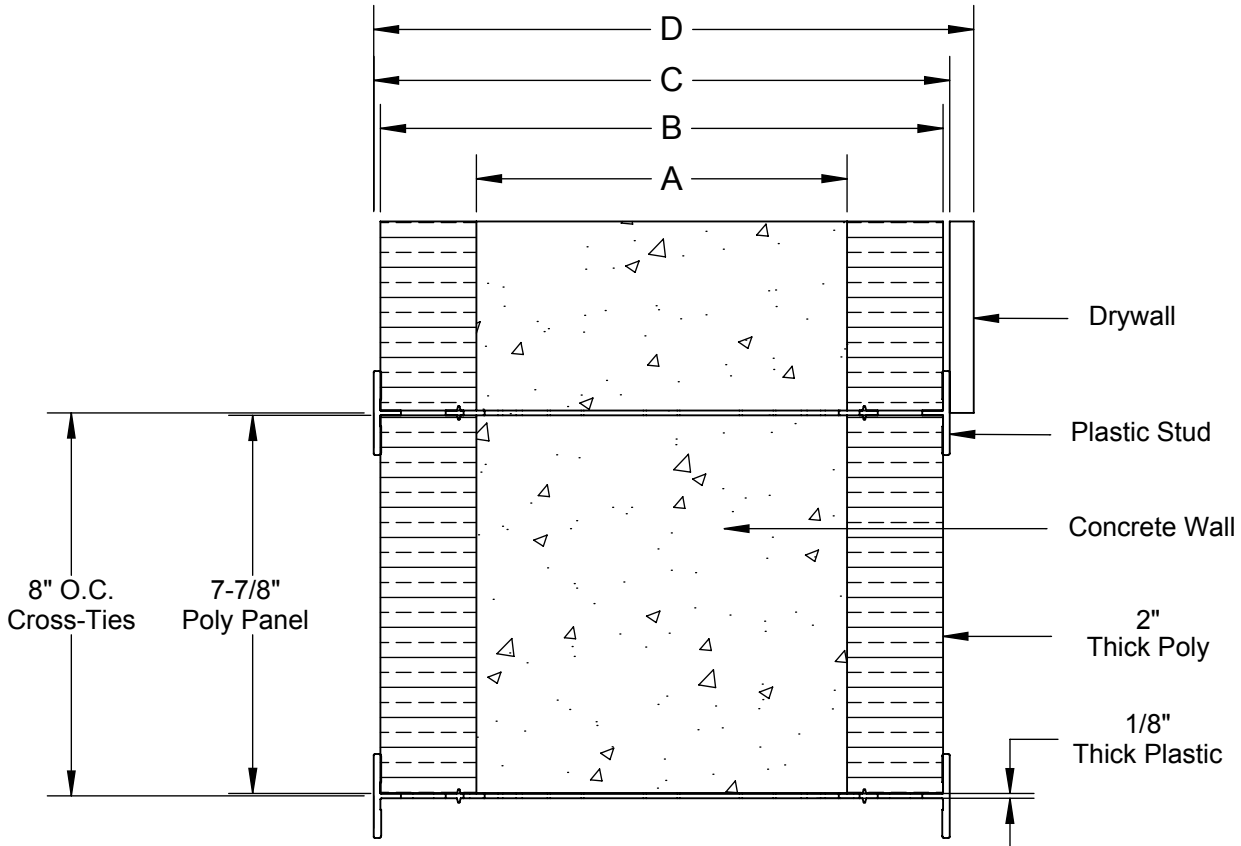
45° Corner Sets

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# Wall Width Dimension Top View



System call out	(A) Actual width of concrete	(B) Outside to outside of rigid insulation	(C) Exterior face of rail to exterior face of rail	(D) Exterior face of rail to exterior face of 1/2" drywall
4"	3-3/4"	7-3/4"	8"	8-1/2"
6"	5-3/4"	9-3/4"	10"	10-1/2"
8"	7-3/4"	11-3/4"	12"	12-1/2"
10"	9-3/4"	13-3/4"	14"	14-1/2"



Wall Width Dimensions

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