

The better way to build™



Installation Manual FROST WALL SIPs



FROST WALL SIPS:

- Frost Wall SIP Installation Notes: FW-N-1
- Drawing FW-1: Frost Wall Details
- Drawing FW-2: Frost Wall Panel Connections
- Drawing FW-3: Frost Wall Point Load Detail

Important Installation Notes:

FROSTWALL & PWF FOUNDATION SIP

Reference Guides/Standards

For additional installation details and required components, not shown on these drawings, we recommend that you refer to your local Building Code and to the following Building Standards:

Canada

- CAN/CSA S406-92 (Reaffirmed 2003)
Construction of Preserved Wood Foundations
- Canadian Wood Council
Permanent Wood Foundations

USA

- ANSI / American Forest & Paper Association (AF&PA)
PWF 2007: Permanent Wood Foundation Design Specification
- Southern Pine Council
Permanent Wood Foundation Design and Construction Guide

Also, refer to these Guides/Standards for the following information:

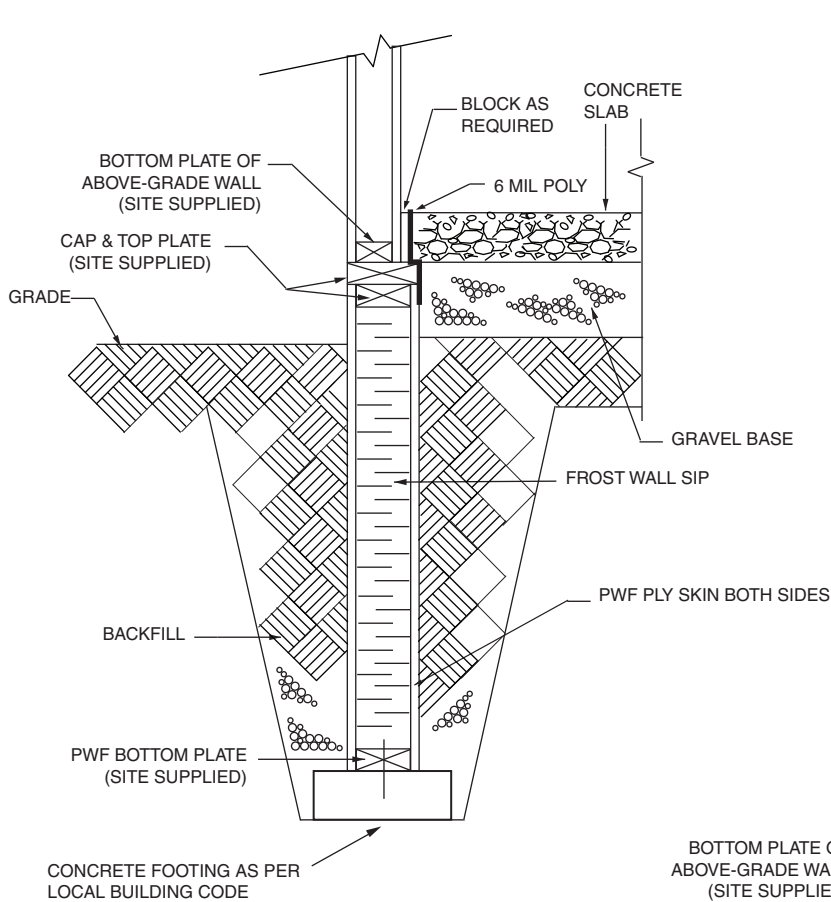
- Soil conditions
- Site preparation
- Footing and backfill
- Site drainage
- Material Specifications
- Point loads
- Framing anchors and straps

Plywood, Lumber and Fasteners

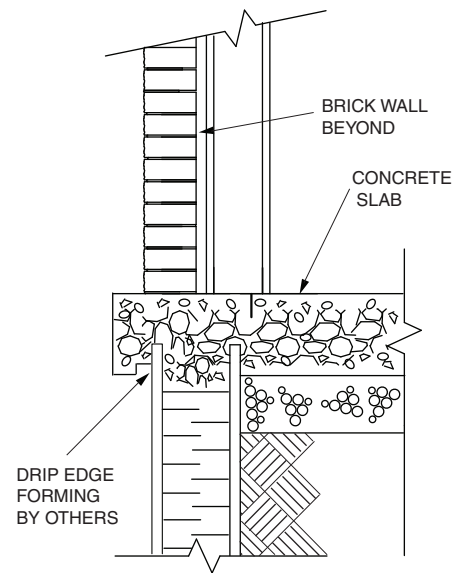
It is important to use:

- Type 304 or Type 316 stainless steel or Hot-Dip galvanized corrosion-resistant fasteners that conform to ASTM Standards A153 and A653
- CCA or ACQ 0.60 plywood and lumber

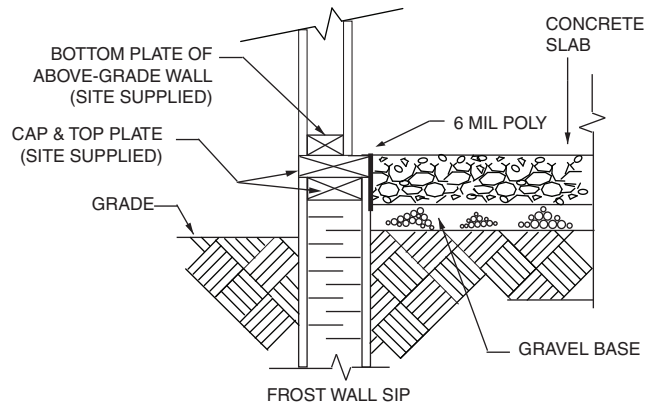
IMPORTANT NOTE: The adherence of any water-proofing membrane to any Thermapan SIP PWF Plywood surface will void the manufacturer's warranty.



TYPICAL FROST WALL FOUNDATION SECTION

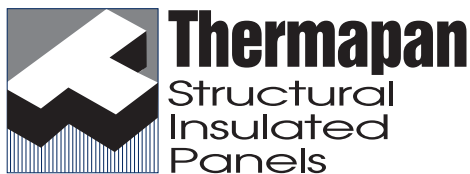


GARAGE DOOR FLOOR DETAIL SECTION



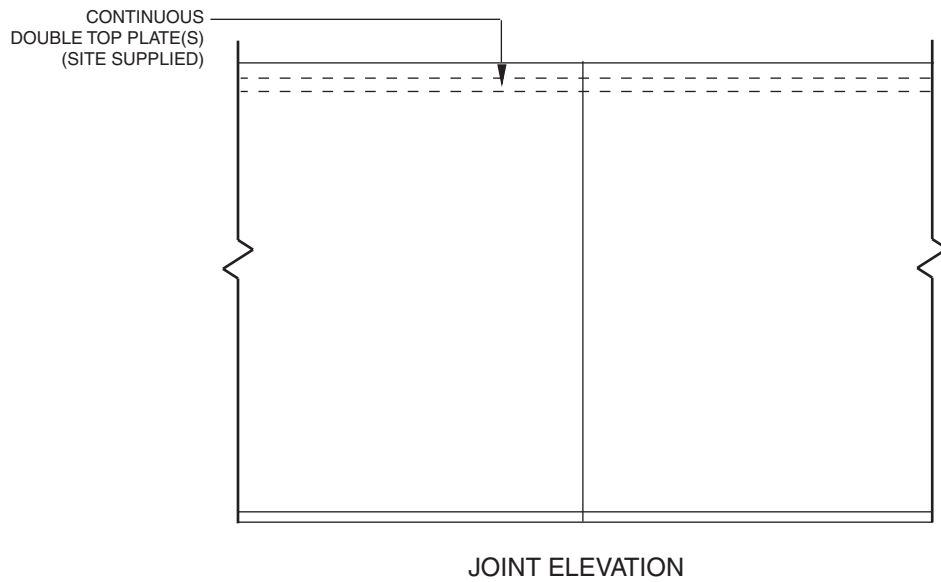
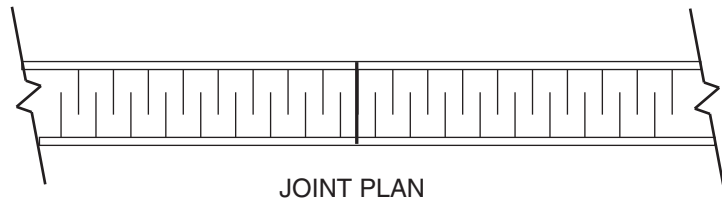
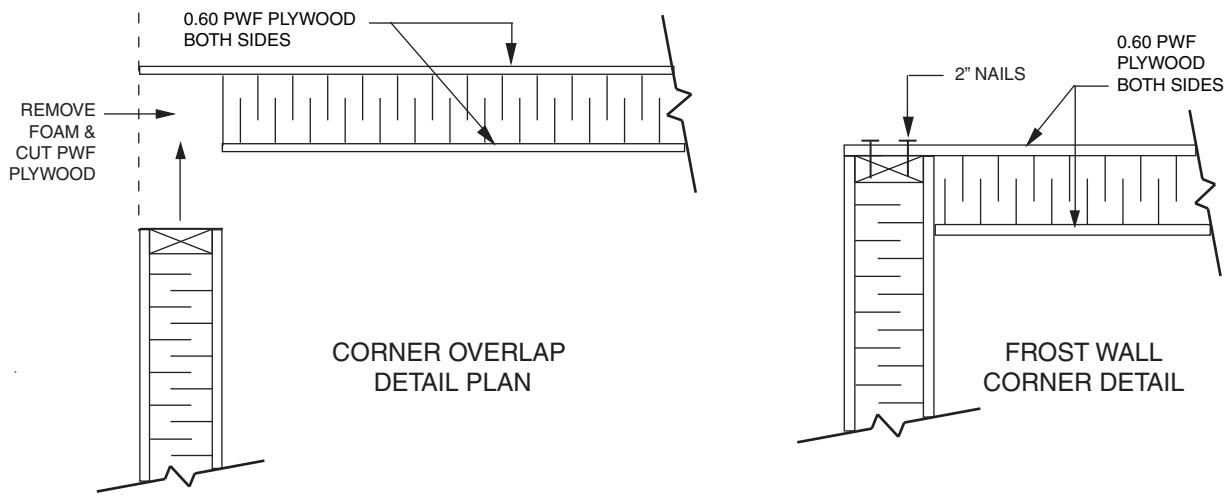
OPTION: TOP OF SLAB FLUSH OR BELOW TOP OF FROST WALL

NOTE: THE ADHERENCE OF ANY WATER-PROOFING MEMBRANE TO ANY THERMAPAN SIP PWF PLYWOOD SURFACE WILL VOID THE THERMAPAN WARRANTY.

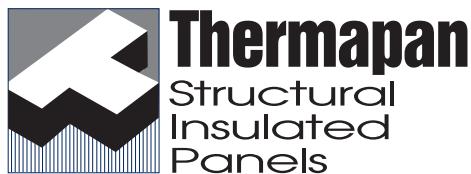


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1-877-443-WALL (9255)

TITLE		PROJECT	
REFERENCE		SCALE	
		N.T.S.	
DATE		REVISION	DWG. No.
MARCH 2010		3	FW-1

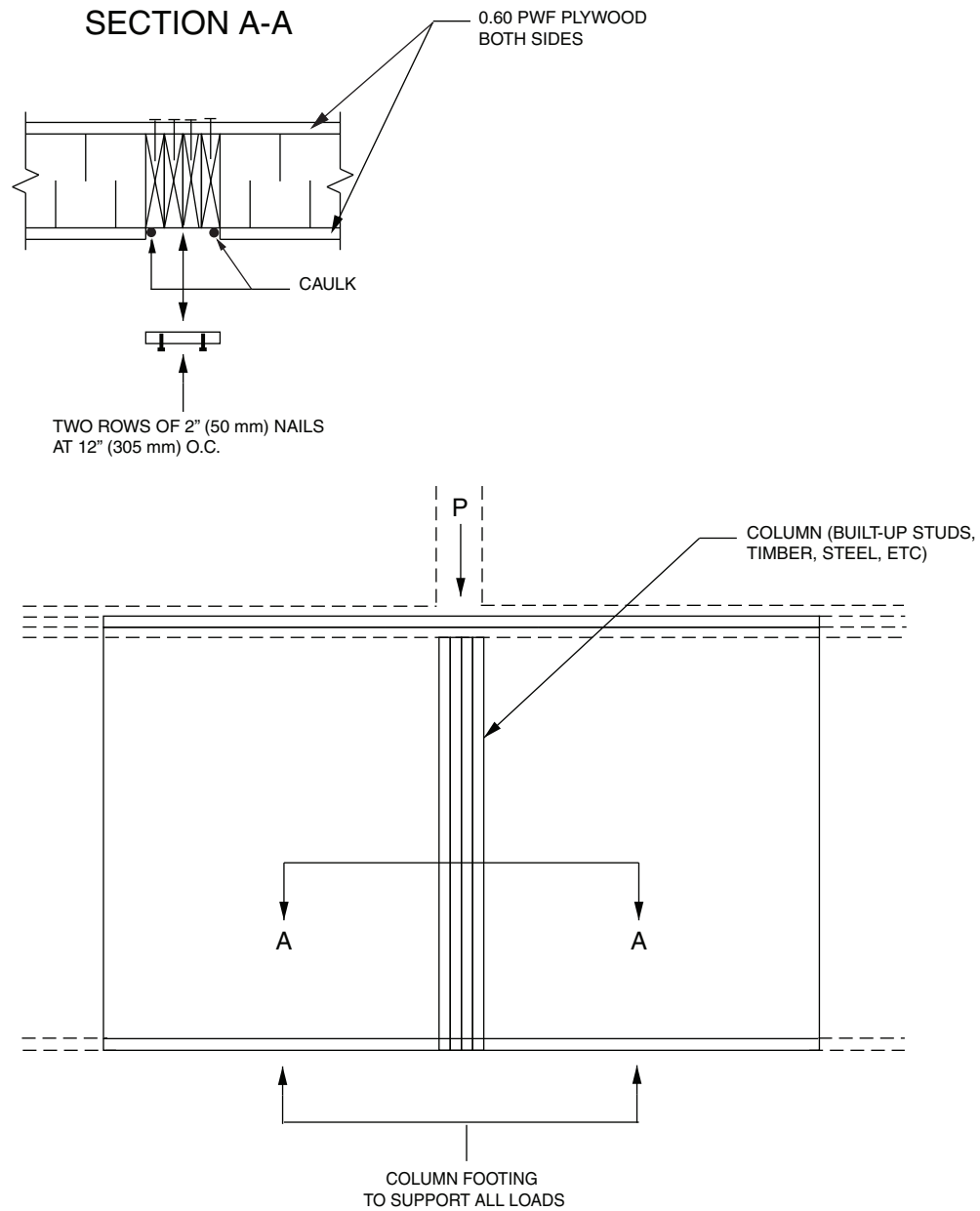


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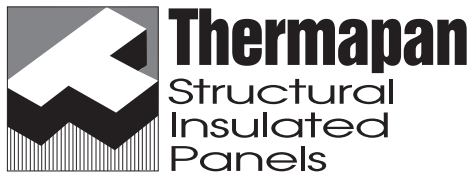


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TITLE		PROJECT	
FROST WALL PANEL CONNECTIONS			
REFERENCE	SCALE		
	N.T.S.		
DATE	REVISION	DWG. No.	
JUNE 2009	1	FW-2	



NOTE: REFER TO IMPORTANT INSTALLATION NOTES (FW-N-1) FOR FROSTWALL SIP.



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TITLE		PROJECT	
REFERENCE		SCALE	
		N.T.S.	
DATE		REVISION	DWG. No.
JUNE 2009		3	FW-3