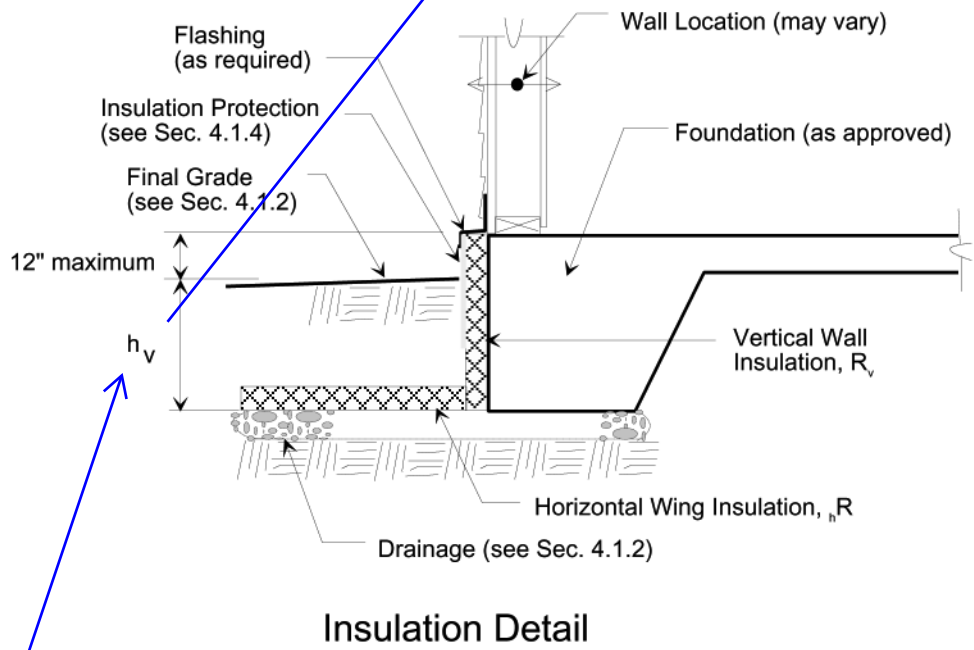


TABLE 4. Minimum Insulation Requirements for Frost-Protected Shallow Foundations of Heated Buildings¹

Air-Freezing Index, F_{100} ($^{\circ}$ F-days)	Vertical Insulation R-value, R_v	Horizontal Insulation R-value, R_h (hr \cdot ft 2 \cdot $^{\circ}$ F/Btu)		Horizontal Insulation Dimensions per Figure 1 (in)			Minimum Footing Depth (in)
		Along Walls	At Corners	D_h	D_{hc}	L_c	
500 or less	0	NR	NR	NR	NR	NR	12
1,500	4.5	NR	NR	NR	NR	NR	12
2,000	5.6	NR	NR	NR	NR	NR	14
2,500	6.7	1.7	4.9	12	24	40	16
3,000	7.8	6.5	8.6	12	24	40	16
3,500	9.0	8.0	11.2	24	30	60	16
4,000	10.1	10.5	13.1	24	36	80	16
4,500	12.0	12.0	15.0	36	48	80	16

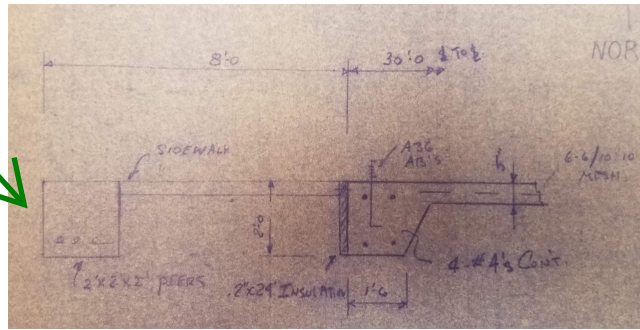
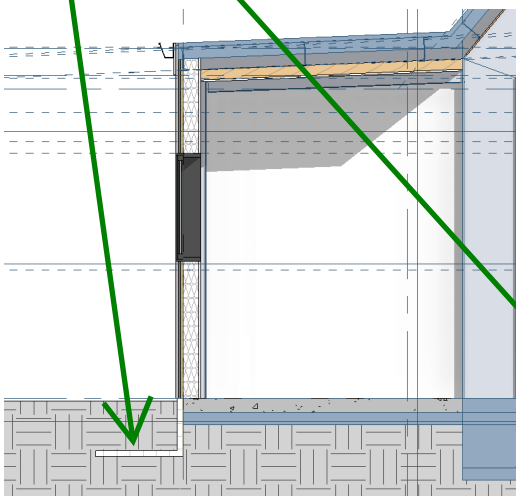
¹ Insulation requirements are for protection against frost damage in heated buildings. Interpolation between values is permissible. For interpolation purposes, NR = 0 (NR = not required).



EVEN WITH PERIMETER INSULATION THE STANDARD FOR FROST-PROTECTED SHALLOW FOUNDATIONS REQUIRES A THICKENED EDGE MEMBER.

WHAT ARE WE DOING FOR THE NEW EXTERIOR WALLS? IS THERE AN EXISTING SLAB HERE?

yes, there is an existing slab there, was assuming we could keep that slab, and introduce perimeter insulation. That work?



1 FOUNDATION PLAN
3/16" = 1'-0"



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FOUNDATION PLAN - 12/18/2018
ORGANIC GROCERY STORE

S100