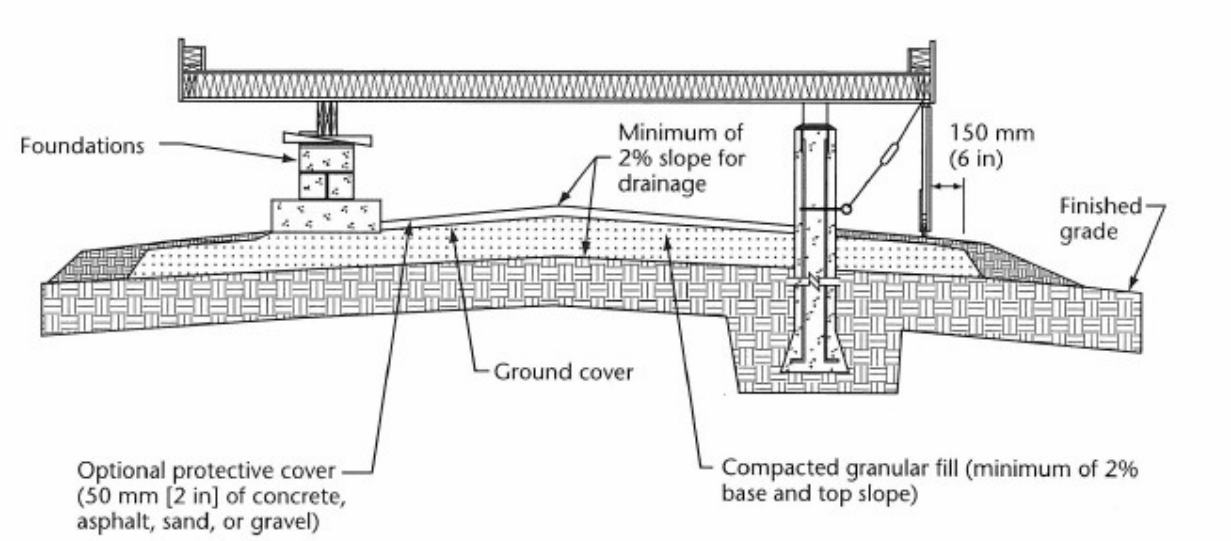
Example Plans: Mobile Homes

Site Preparation

A typical example of a site preparation for concrete pile of surface pier foundation system



Notes:

(1) *The ground cover extends at least* 150 mm *(6 in) past the sides of the manufactured home.*

(2) *The backfill base and ground cover are graded centre to outside or from side to side with a minimum slope of 2%.*

(3) *The surrounding finished grade slopes away from the home.*

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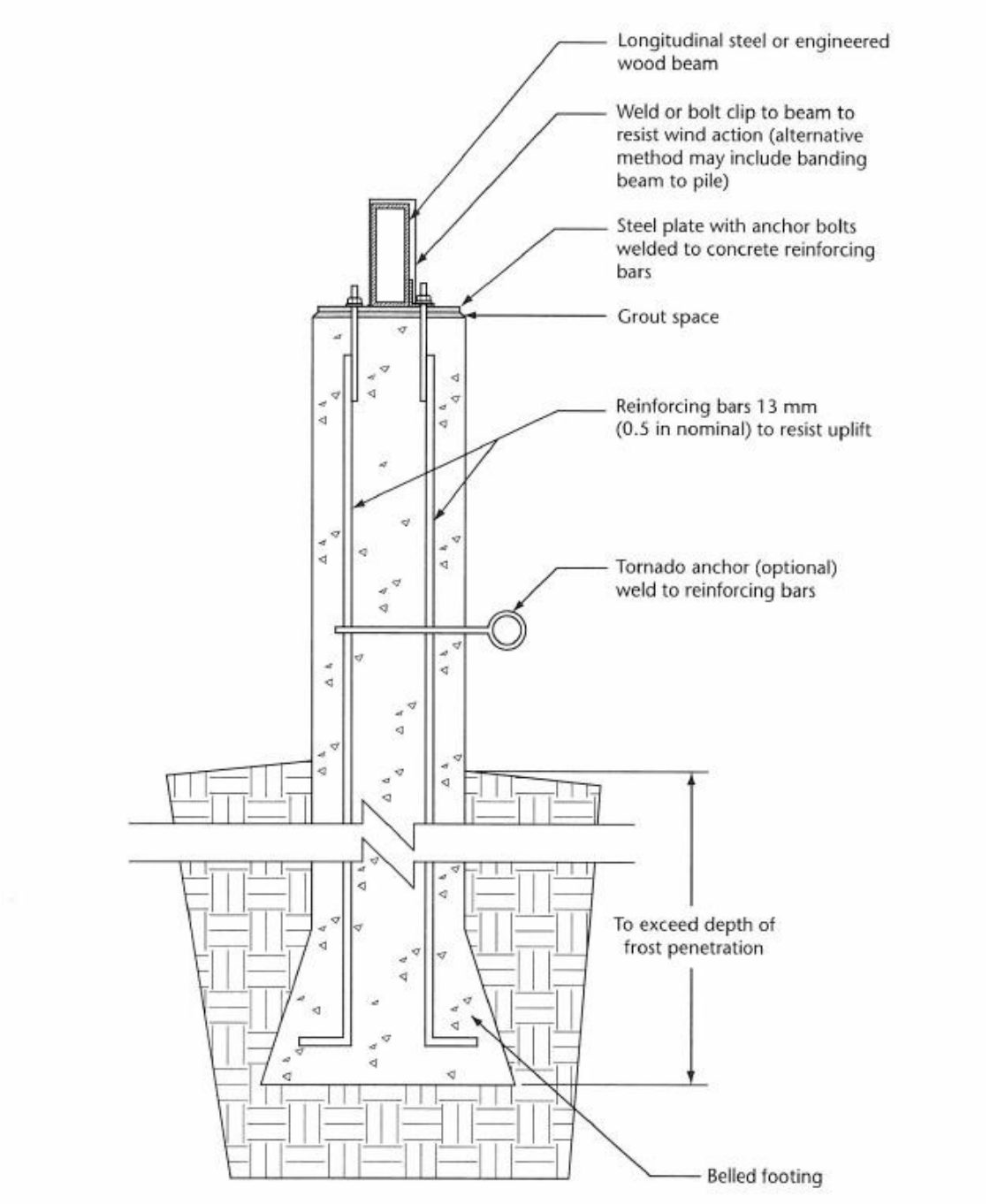
Foundation Details
Reinforced concrete pile design to resist uplift



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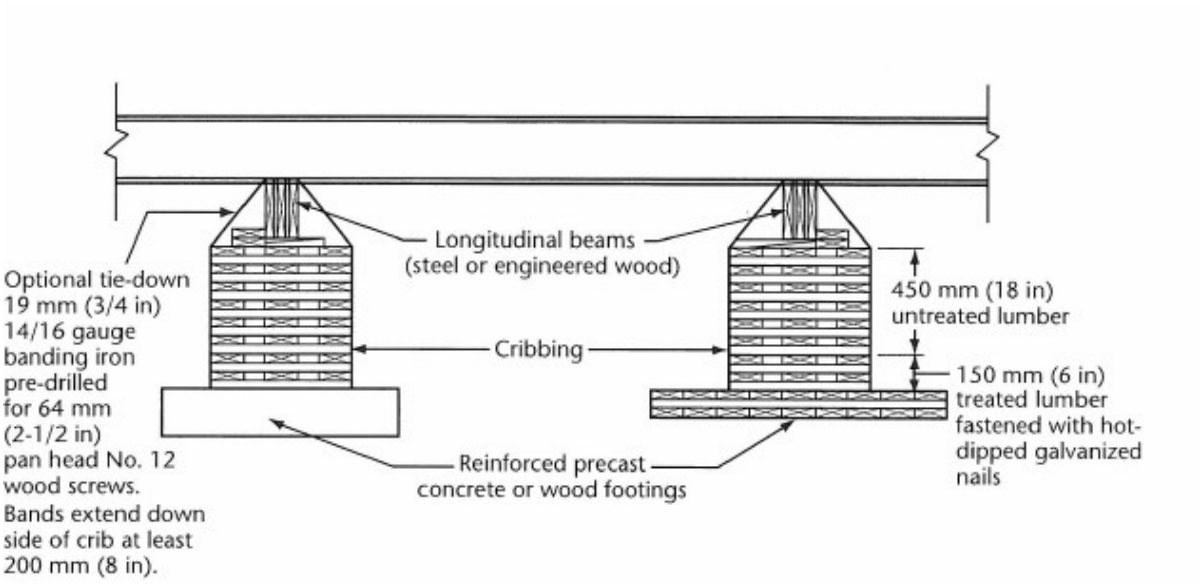
Foundation Details
Wood-crib pier foundation



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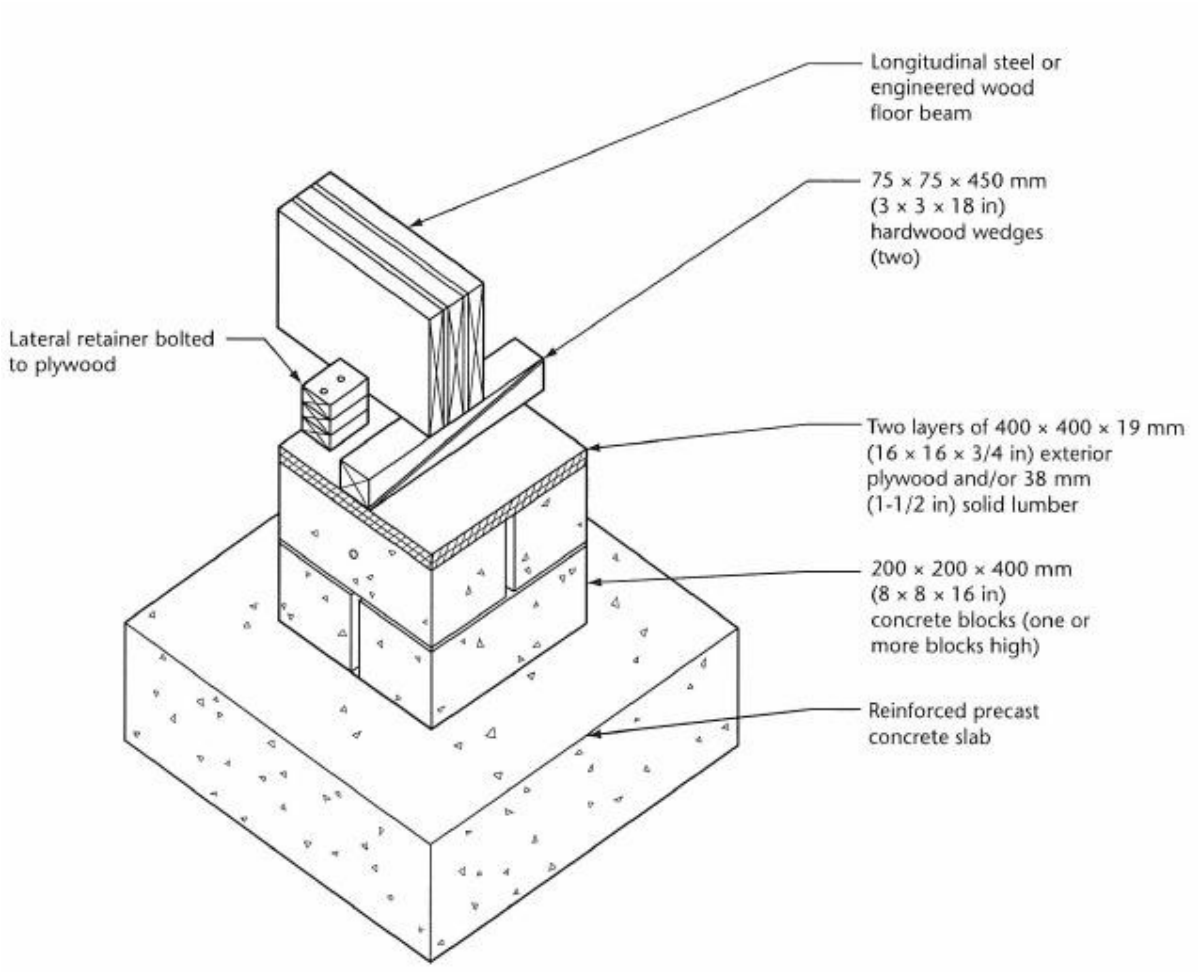
Foundation Details
Concrete block surface foundation system



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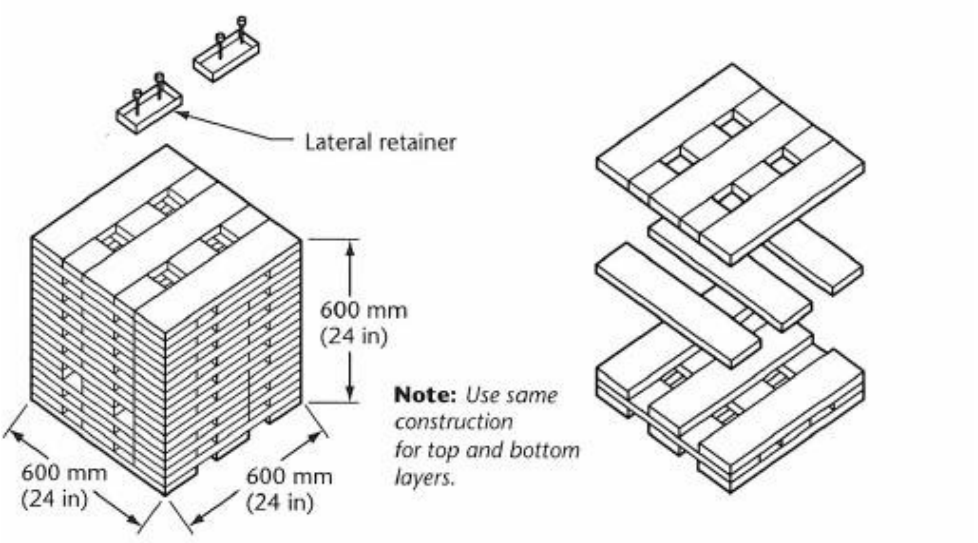
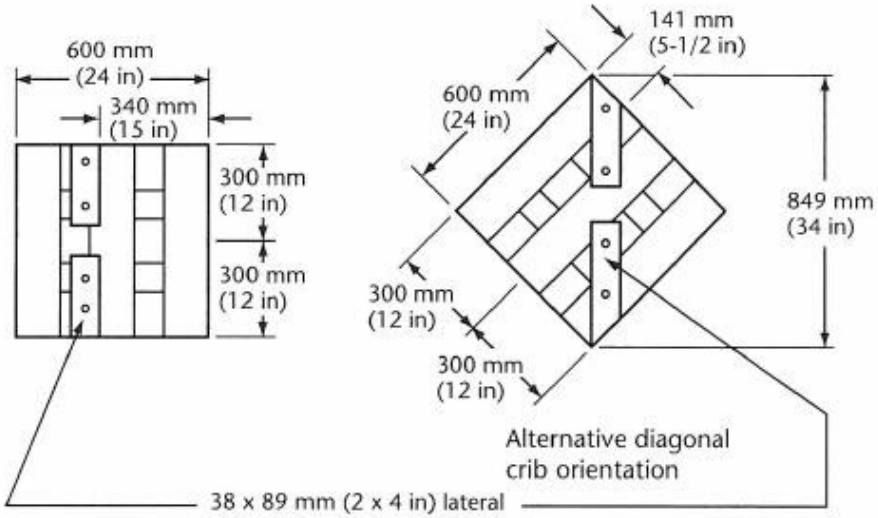
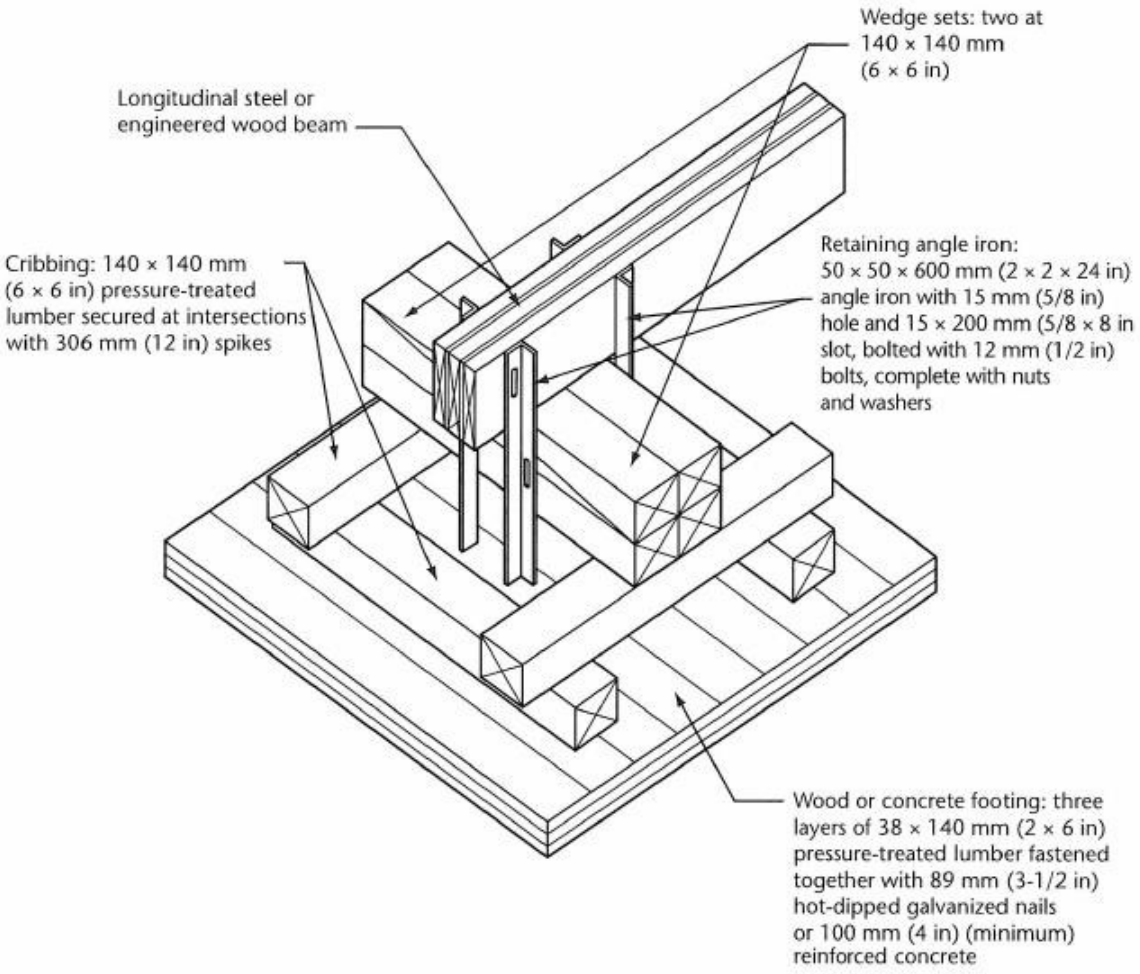
Foundation Details
Wood-crib construction



38 x 89 mm (2 x 4 in) or 38 x 140 mm (2 x 6 in)
construction with 89 mm (3-1/2 in) ardox nails



Foundation Details
Alternative wood-crib construction



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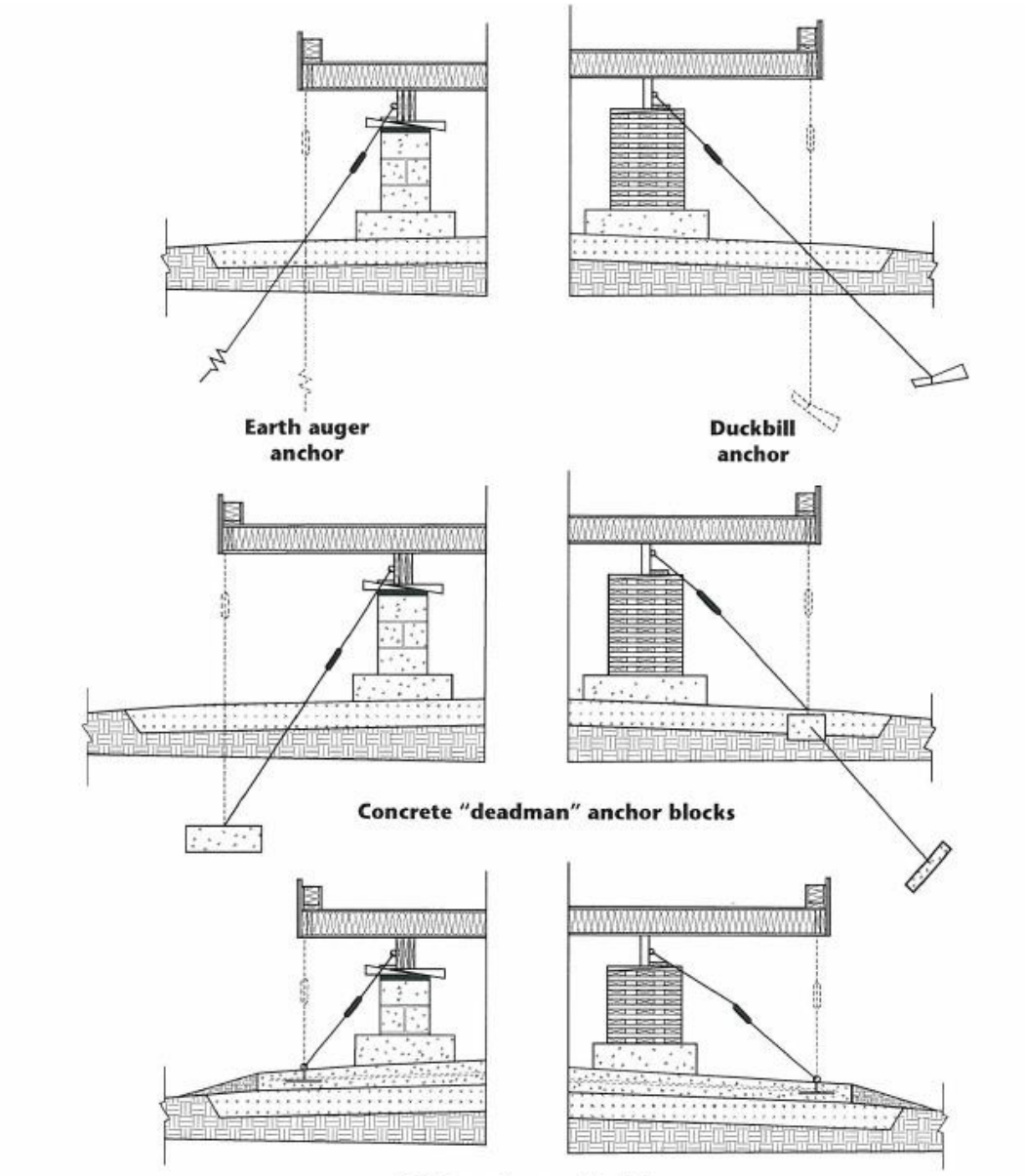
Anchorage Details
Typical anchorage system arrangements



Notes:

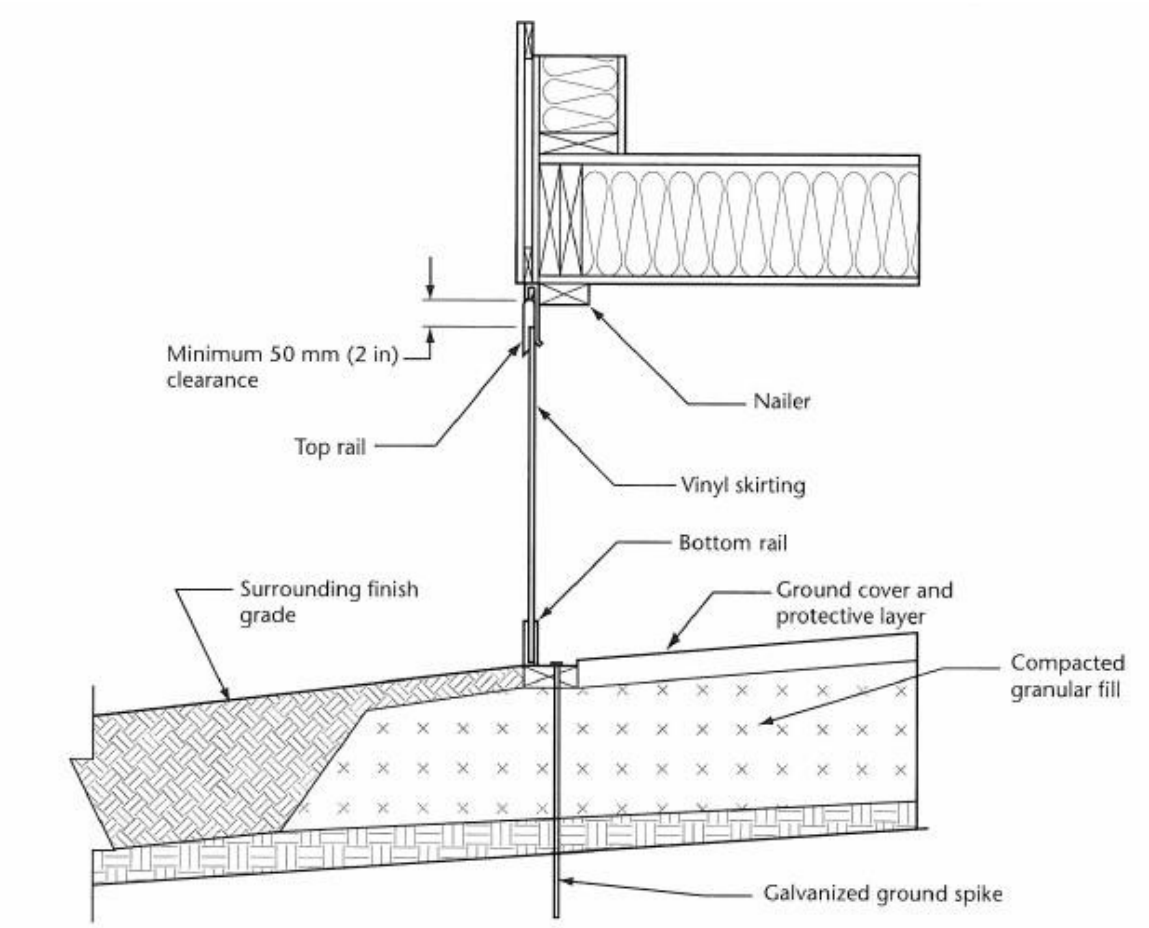
(1) *Diagonal tie-downs are effective in limiting lateral sliding on foundation piers.*

(2) *Vertical tie-downs directly connected to the wall studs provide the most effective resistance to uplift and overturning forces and should be considered for use at high-wind-load sites, particularly on the prevailing windward sides of an installation.*

Skirting Details

Examples of three typical systems provided.

Skirting System (Example 1)



Note: *Movement should be provided for in soils susceptible to frost heave.*

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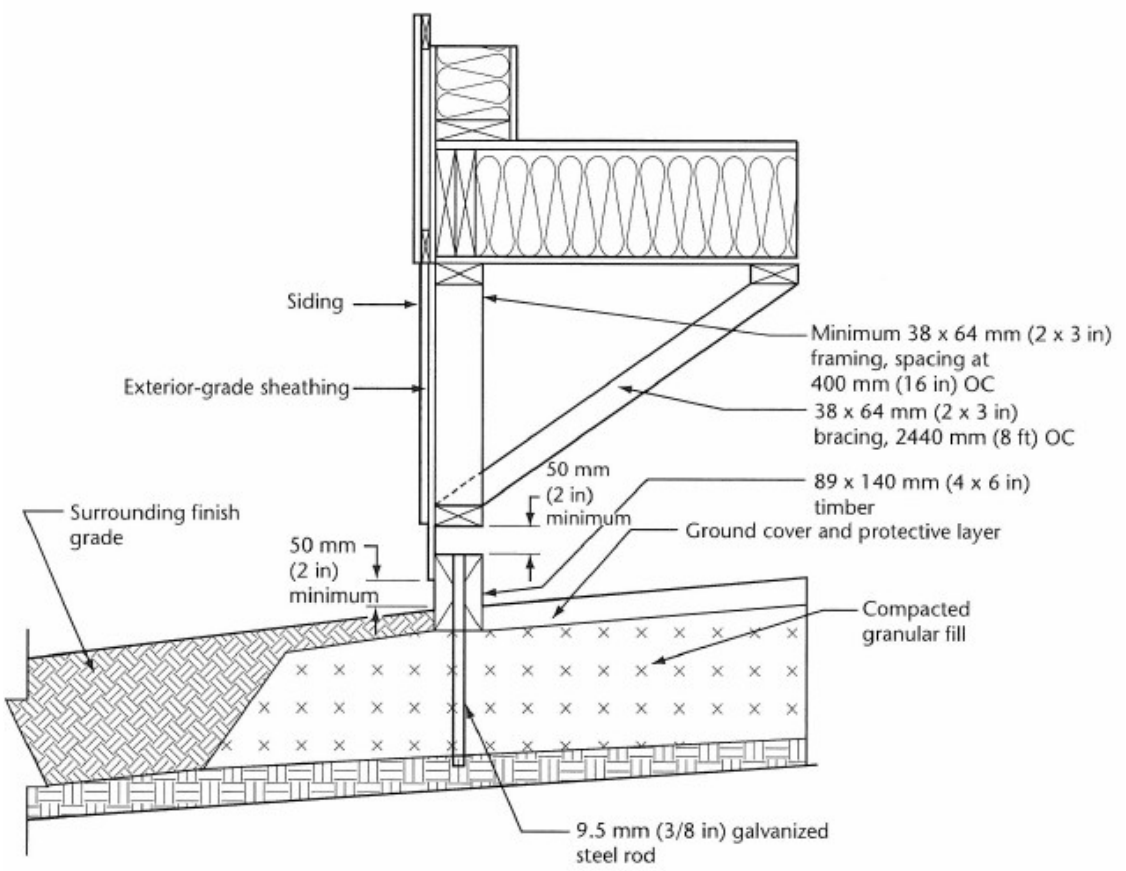
Skirting Details
Skirting System (Example 2)

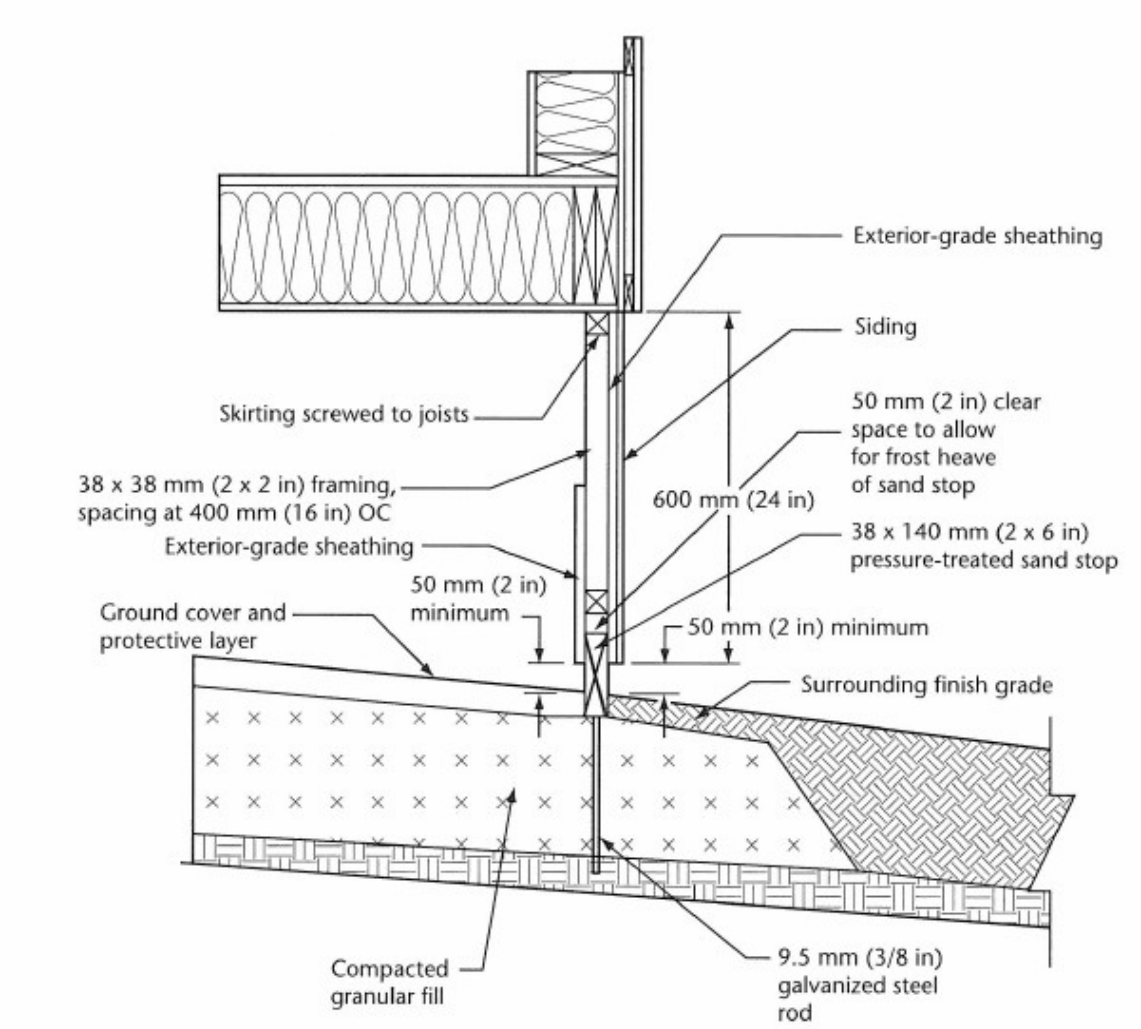


Notes:

(1) *Movement should be provided for in soils susceptible to frost heave.*

(2) *Wood in contact with the ground should be treated with a pressure preservative.*

Skirting Details
Skirting System (Example 3)



Notes:
(1) *Movement should be provided for in soils susceptible to frost heave.*
(2) *Wood in contact with the ground should be treated with a pressure preservative.*

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