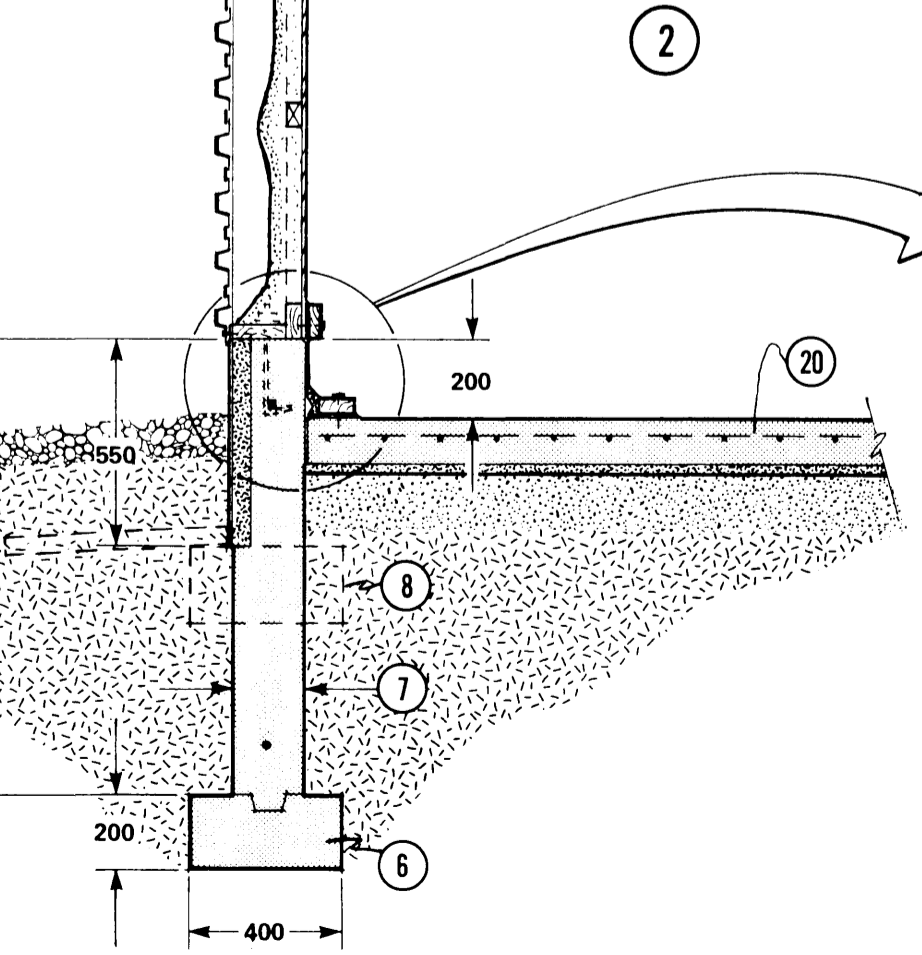
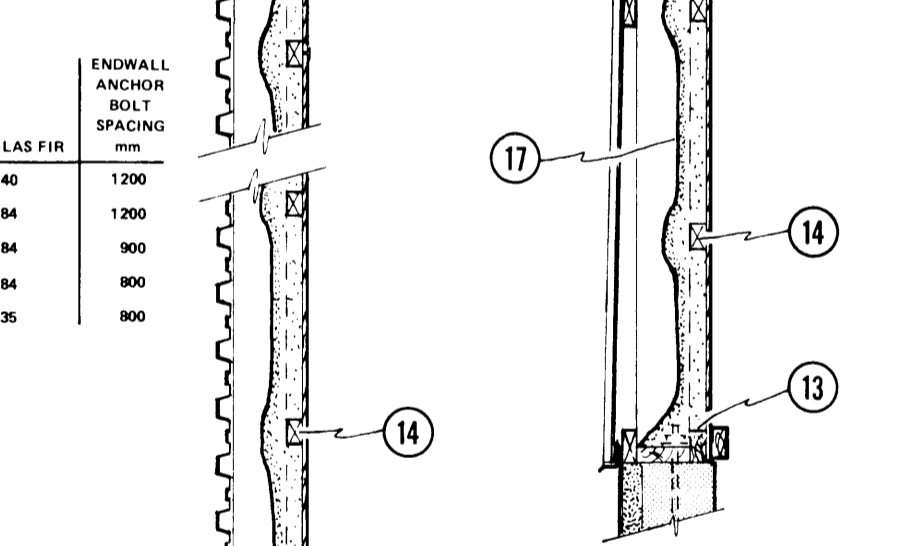
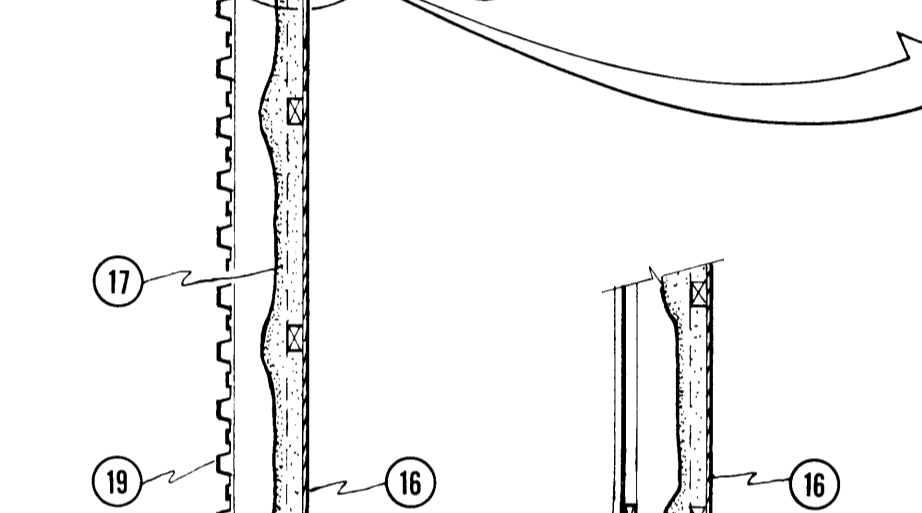
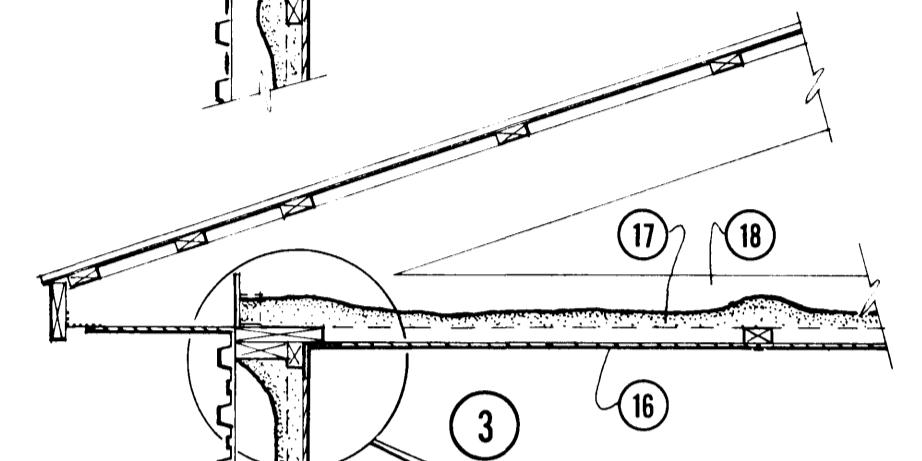
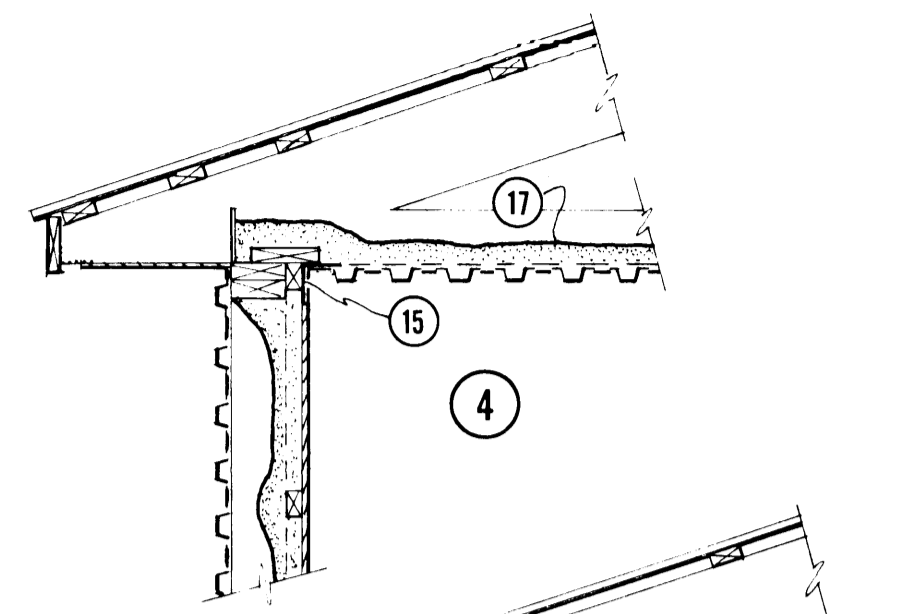
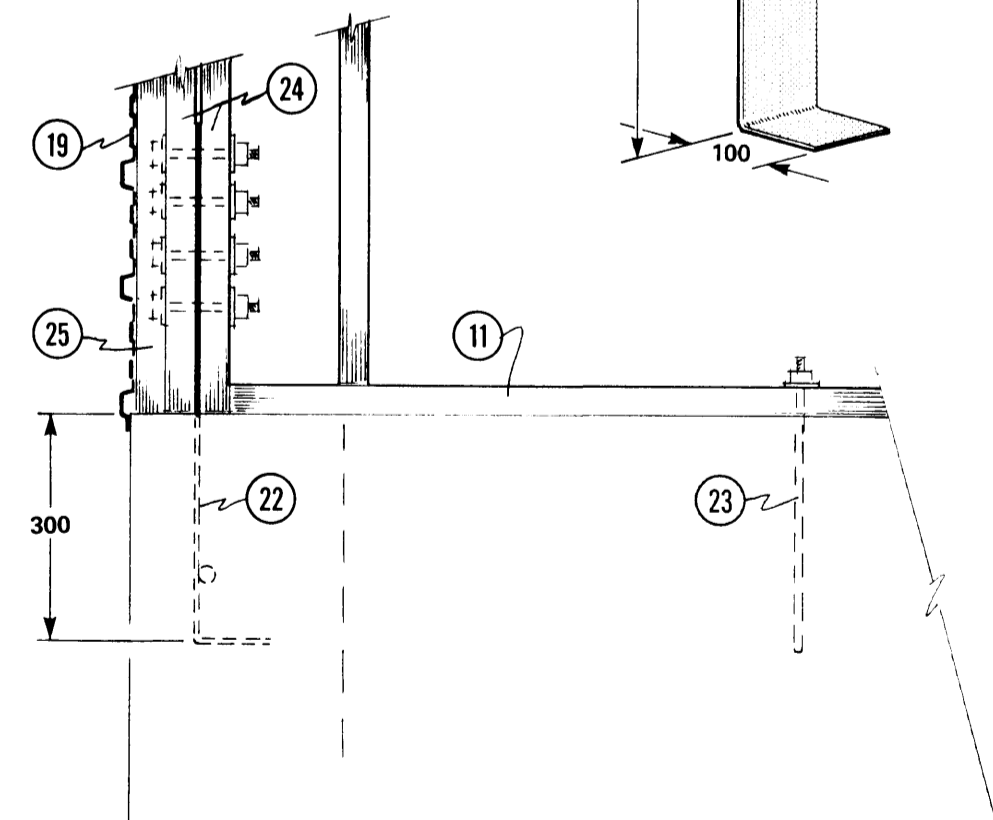
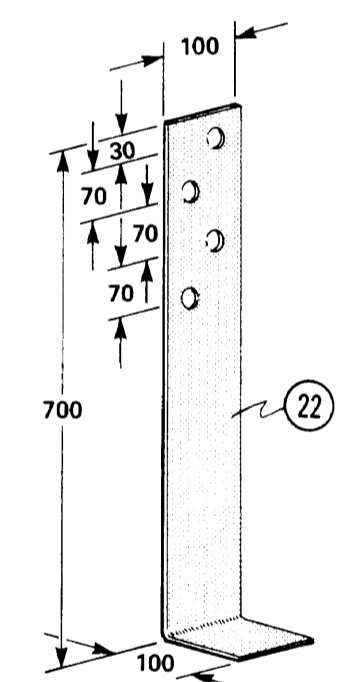
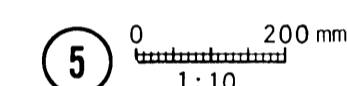
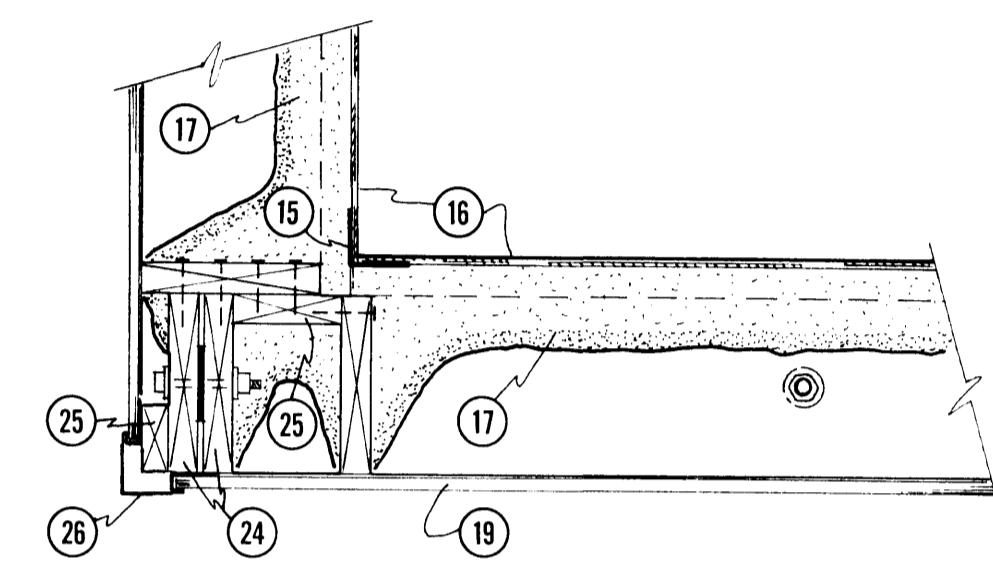
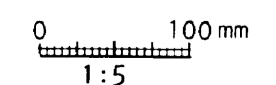
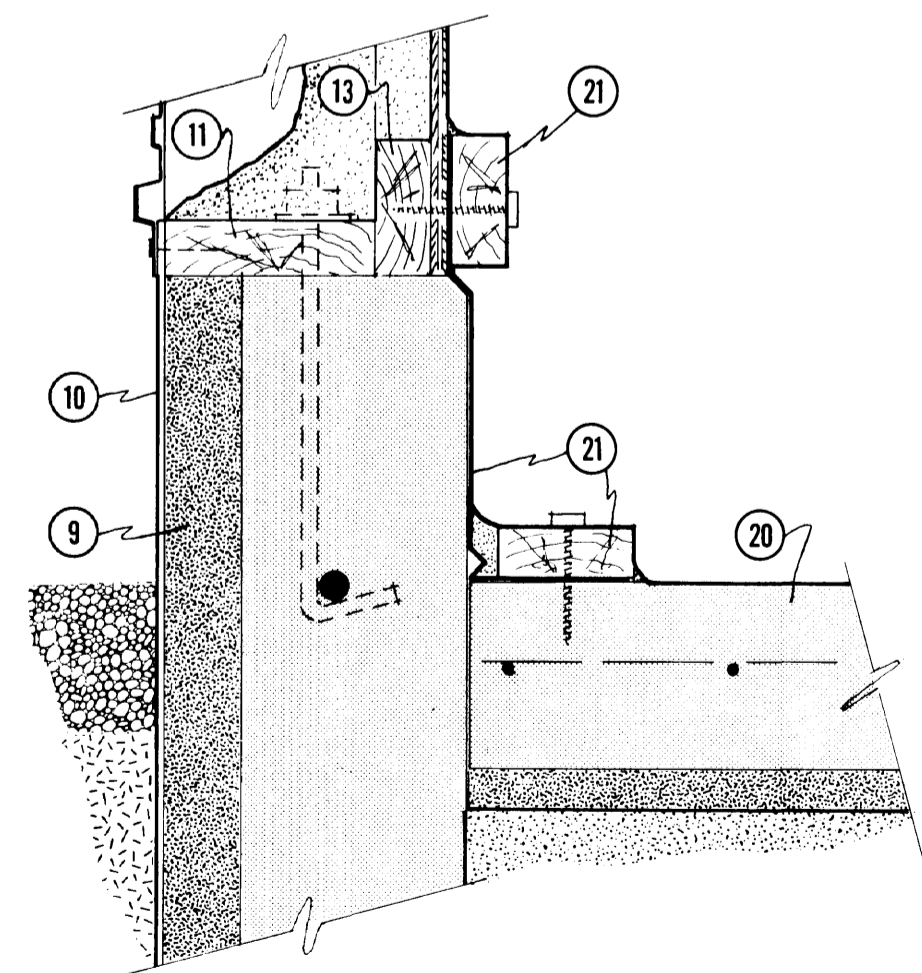
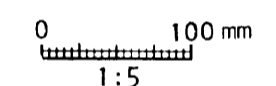
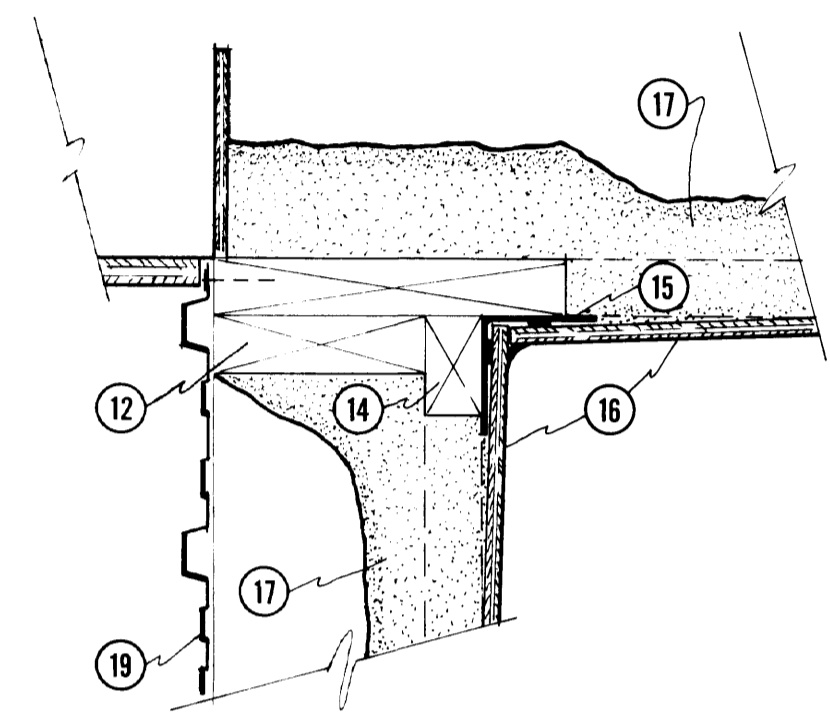
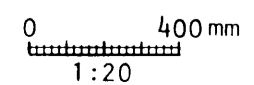


ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE SPECIFIED

- 1 studs @ 1200 mm oc, recommended stud sizes based on 16.8 m clear span bldg., 2.5 kN/m² total roof + ceiling load combined with 0.64 kN/m² wind gust pressure
- 2 optional vertical exterior metal siding on 38 x 89 mm strapping @ 1200 mm oc
- 3 plywood diaphragm ceiling, see M-9374
- 4 optional steel diaphragm ceiling, see plan M-9371
- 5 section & elevation of strap anchor @ endwall corners
- 6 concrete footing, 38 x 89 mm keyway
- 7 concrete foundation to below frost, 2-20M rebars continuous; provide control joints @ 15 m oc; foundation thickness = stud size + 50 mm (or + 88 mm with 2)
- 8 optional shallow footing with horizontal 50 x 600 mm polystyrene insulation over compacted sand fill
- 9 50 x 550 mm polystyrene perimeter insulation (Dow SM or equal), tack with finishing nails to form; in colder climates increase to 75 mm
- 10 5 x 600 mm high-density recompressed cement-asbestos board, drilled and screwed to 11
- 11 38 mm CCA-pressure-treated sill, anchor with M12 x 300 mm anchor bolts @ 1200 mm oc
- 12 bottom plate same size as studs, top plate 100 mm wider, joints staggered 2400 mm oc
- 13 38 x 89 mm CCA-pressure-treated base strapping
- 14 38 x 64 mm horizontal strapping @ 600 mm oc
- 15 75 x 75 x 0.34 mm (28 ga.) galv. angle, continuous; apply caulking bead between angle and wall/ceiling finish, seal exposed joint with caulking bead
- 16 11 mm medium density overlaid fir plywood, face grain vertical; galv. fasteners; plywood joints spaced 3 mm and sealed with silicone or butyl rubber caulking
- 17 75 mm polyurethane foam insulation (RSI-3.0), sprayed from outside, increase insulation for colder climates
- 18 optional extra attic insulation, 75 mm expanded mica (vermiculite)
- 19 galv. steel exterior siding, screw beside ribs to 11 & 1
- 20 125 mm concrete floor, 152 x 152 MW18.7 x MW18.7 wire mesh; 250 um (10 mil) polyethylene membrane gas seal, joints taped; 25 mm rigid insulation (Dow SM or equal) on compacted sand fill
- 21 pleated 250 um (10 mil) polyethylene membrane gas seal, caulk between membrane and floor/wall with silicone, before screwing 38 x 89 mm CCA-pressure-treated clamp strips to floor and wall
- 22 6 mm steel anchor strap, drill for M16 bolts, tie to horizontal rebars
- 23 M12 x 300 mm anchor bolts, see 1 for spacing
- 24 38 mm studs drilled for bolts
- 25 38 mm blocking, nail to studs
- 26 outside corner trim, to match siding
- 27 900 x 100 mm deep coarse gravel splash pad



STUD WALL HEIGHT m	1 STUD SIZE		ENDWALL ANCHOR BOLT SPACING mm
	No. 2 SPRUCE	No. 2 DOUGLAS FIR	
3.6	38 x 184	38 x 140	1200
4.2	38 x 184	38 x 184	1200
4.8	38 x 184	38 x 184	900
5.4	38 x 235	38 x 184	900
6.0	38 x 235	38 x 235	900



WARNING
This plan may require structural and other changes to meet local site conditions, climatic loads, user requirements and applicable building regulations (such as the Canadian Farm Building Code). Before construction, the user of this plan is responsible to ensure that all required changes are made.

SYM	REVISIONS	CHECKED	DATE	APPROVED

CONTROLLED ATMOSPHERE (CA)
PALLET STORAGE WALLS

DESIGNED *D.I.M.* DATE 82-03 PLAN NO. M-6113

DRAWN *R.P.E.L.A.* REVISED YOUR PLAN NO.

TRACED ORIGINALS ON SHEET **A**

CHECKED *J.E.T.* DRAWN ON SHEET **B** SHEET OF **C**