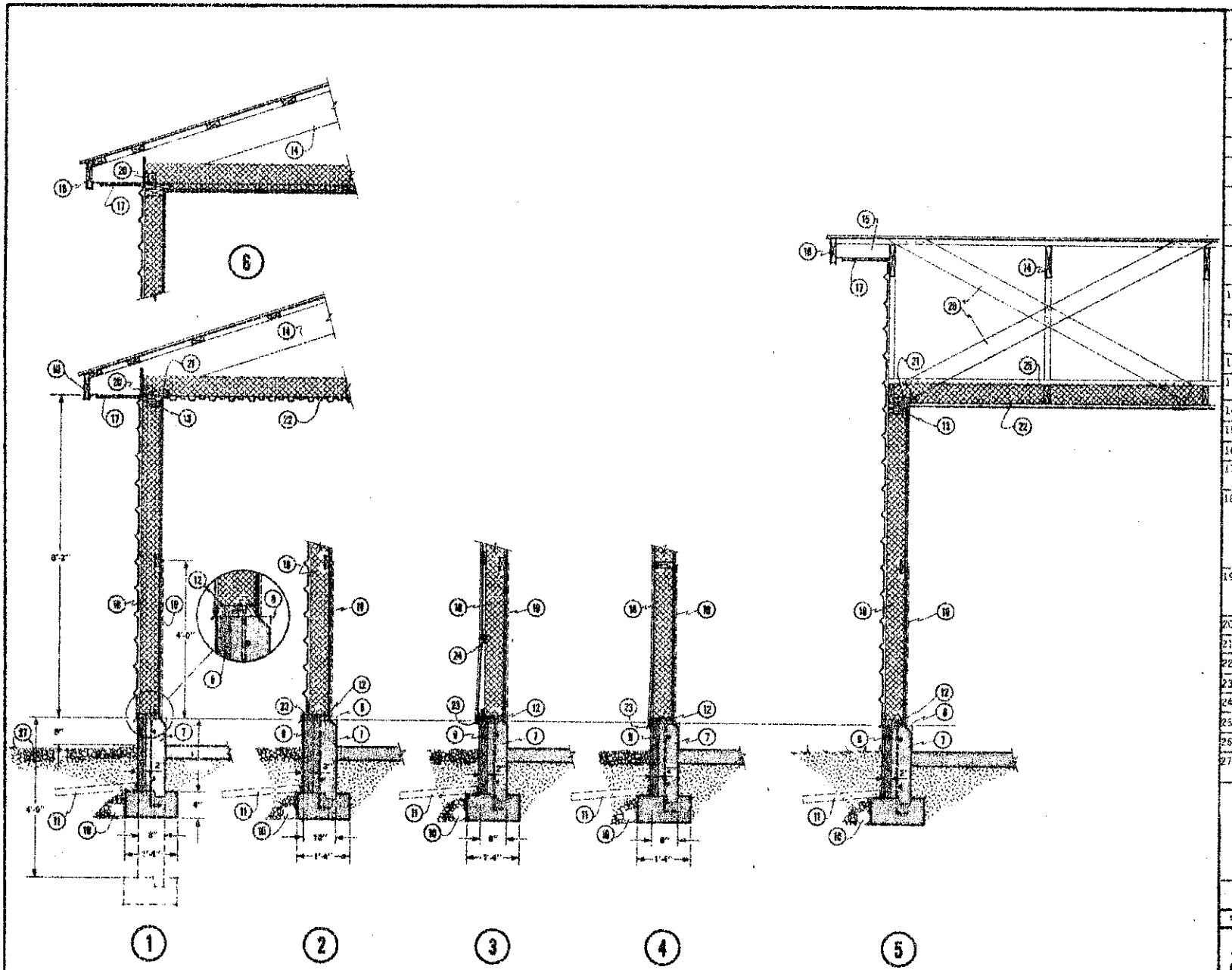

1	side wall section, 2" foundation insulation, horizontal siding
2	alternate wall section, 3" foundation insulation (for colder climates, warmer buildings)
3	alternate wall section, 2" foundation insulation, vertical siding over 1" x 4" strapping
4	alternate wall section, 2" foundation insulation, vertical siding screwed to sill, mid-height blocking and cap plate
5	endwall section and roof bracing detail
6	alternate plywood ceiling diaphragm (see M-9374 or M-9375)
7	concrete foundation, ½" x 2'-6" anchor bolts @ 4'-0" oc, 2-no.5 rebars continuous except at control joints (see floor plan)
8	concrete edge may be left square or chamfered
9	1'-10" wide polystyrene insulation (Dow SM or equal); 3/16" x 2'-0" high-density recompressed asbestos board, drilled and nailed to sill
10	for wet soil conditions, add 4" footing drain and cover with coarse gravel
11	for colder climates, add 2" x 2'-0" polystyrene insulation over packed sand, or use deeper footing (see 1)
12	2" x 6" (or 8", 7) pressure-treated sill
13	2-2" x 6" plates, 16'-0" long, joints staggered 8'-0" oc
14	trusses 4'-0" oc or to suit local snow loads
15	2" blocking @ 4'-0" oc, supports 16 and 17
16	2" face board
17	1" lumber or ¼" plywood soffit, 2" continuous vent with galvanized bird screen
18	exterior wall: 2" x 6" studs @ 2'-0" oc; mid-height blocking; exterior cladding; asphalt felt wind stop; R-20 friction-fit insulation; 6 mil polyethylene; 3/8" exterior sheathing plywood (face grain horizontal), large-head roofing nails 6" oc around edges and 8" oc at support members
19	in animal pens add 5/16" recompressed high-density cement asbestos board, drill for galvanized nails, caulk at edges, seams and at concrete curb
20	galv. steel anchor, each truss to wall
21	2" x 6" blocking fitted between trusses
22	steel ceiling diaphragm (see M-9371 or M-9372)
23	continuous galvanized steel flashing
24	1" x 4" horizontal strapping @ 2'-0" oc
25	2" x 4" continuous stiffener (see 9102)
26	2" x 6" truss bracing (see 9102)
27	3'-0" wide x 4" deep coarse gravel splash pad, or eavestrough at 16

SYM	REVISION	CHECKED	DATE	APPROVED
	revised to show steel diaphragm ceiling		81 - 10	J.E.T.
	revised & redrawn alternate section 4 added		81 - 06	

CANADA PLAN SERVICE

INSULATED STUD FRAME WALLS

(not to scale)

DESIGNED J.E.T.	DATE Y8-09	PLAN NO. 9324	
DRAWN R. FELIA	REVISED 81 - 10	YOUR PLAN NO. 9324	
TRACED	DETAIL NUMBER 4	SHEET OF	
CHECKED D.J.M.			