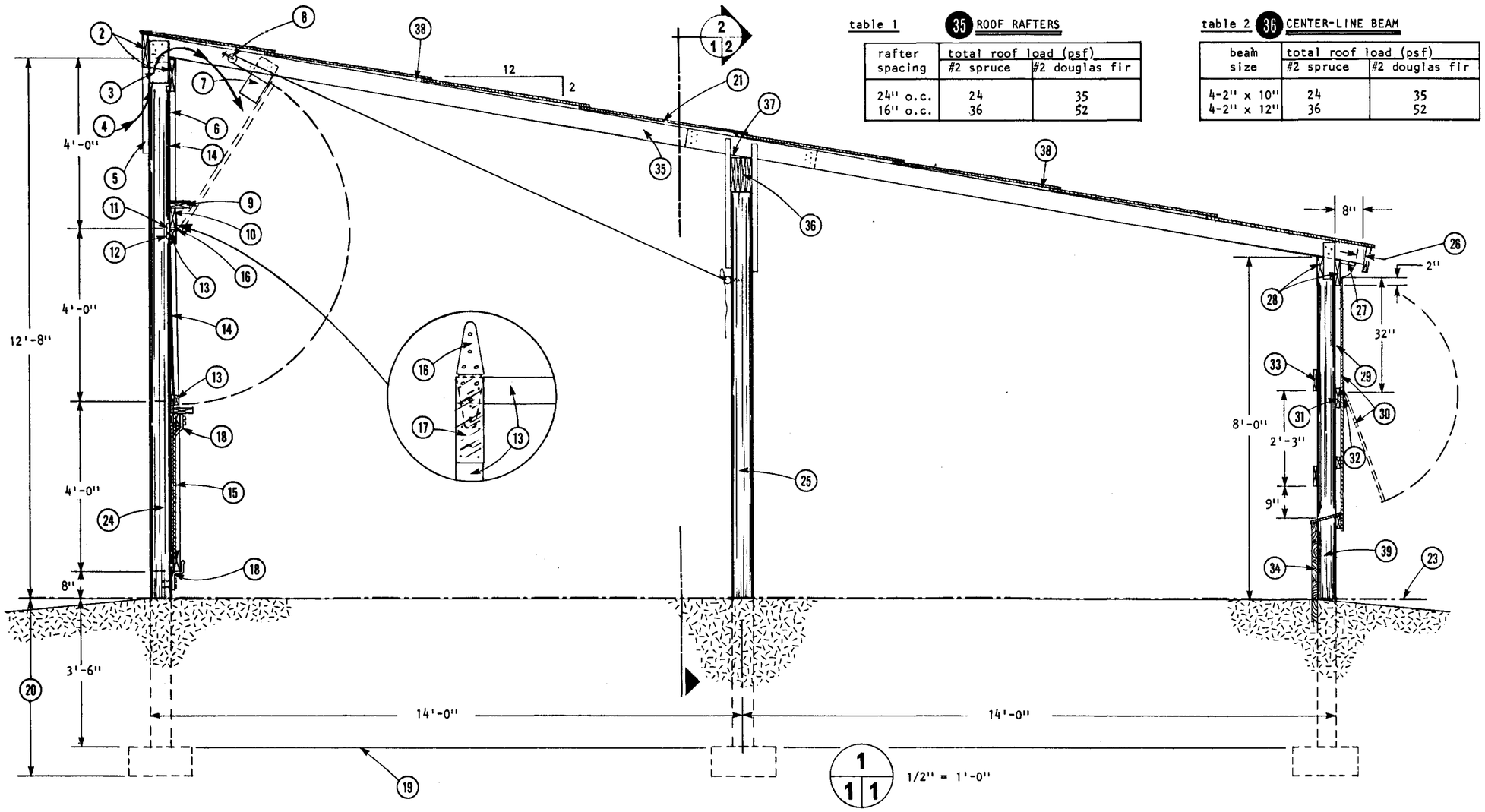
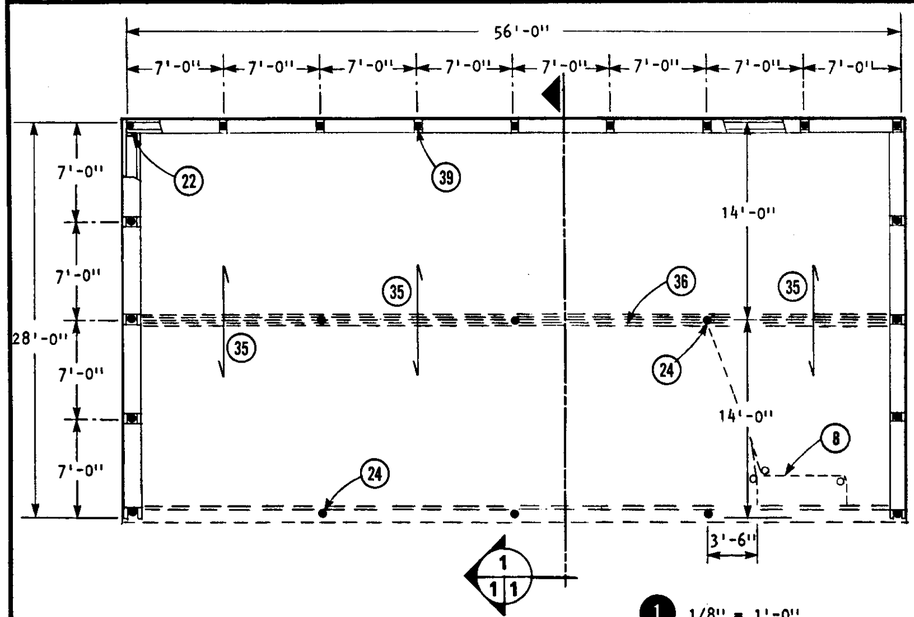
table 1 (35) ROOF RAFTERS

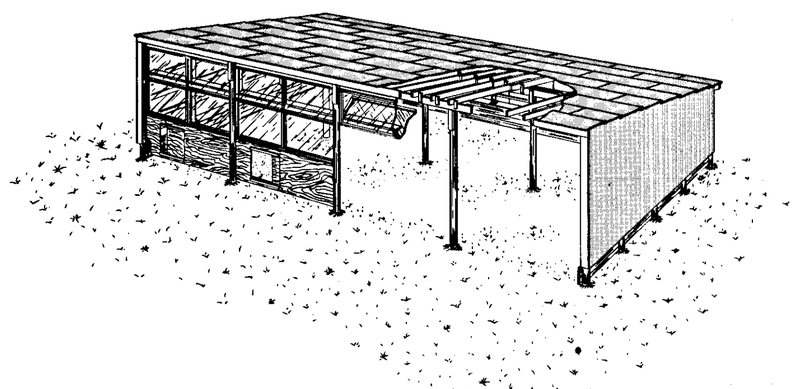
rafter spacing	total roof load (psf) #2 spruce	#2 douglas fir
24" o.c.	24	35
16" o.c.	36	52

table 2 (36) CENTER-LINE BEAM

beam size	total roof load (psf) #2 spruce	#2 douglas fir
4-2" x 10"	24	35
4-2" x 12"	36	52







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.

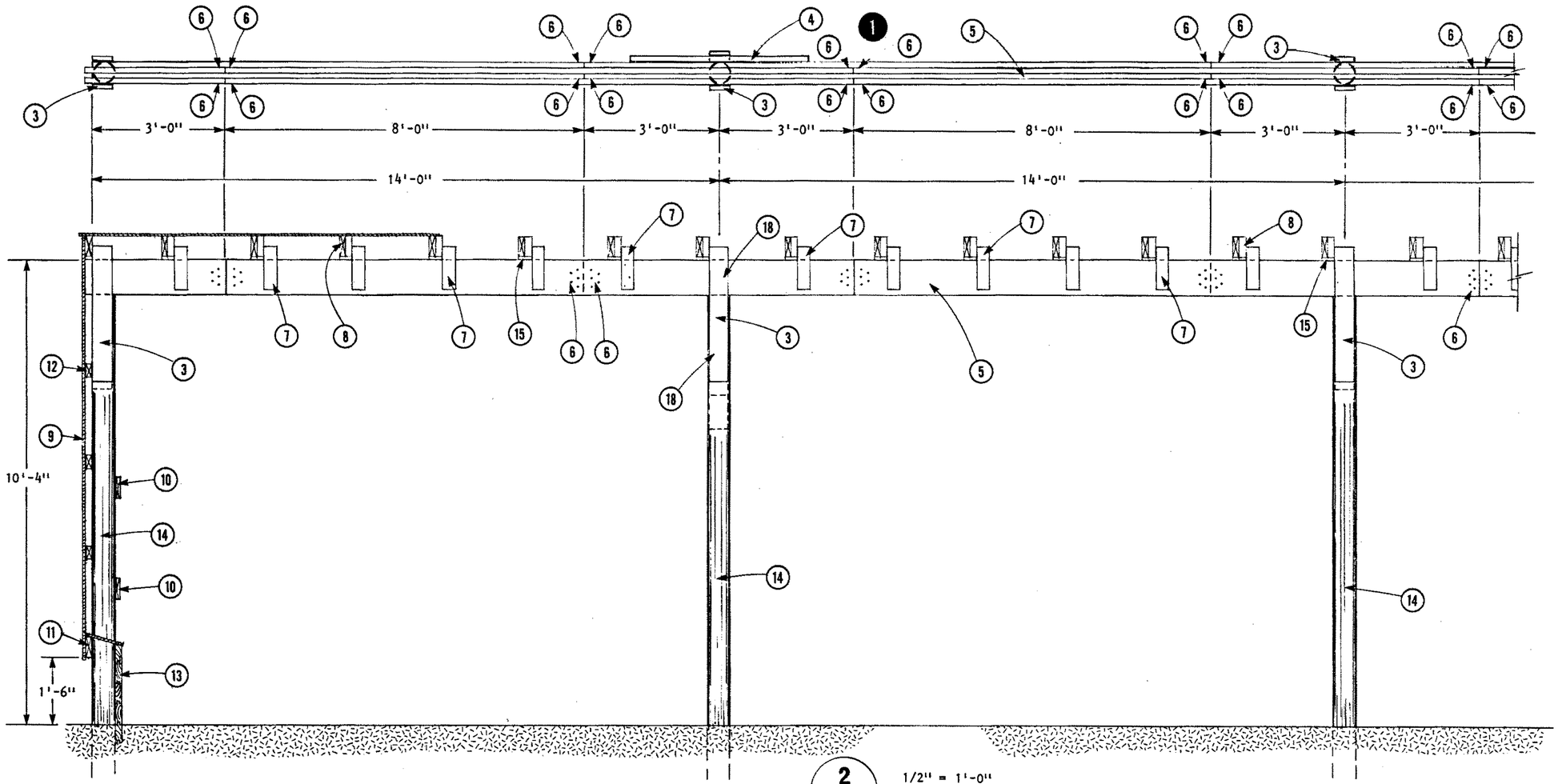
1.	plan
2.	2" x 10" x 14' plate, bevel top 9° to fit roofing
3.	2" x 6" rafter tie @ each rafter
4.	5 1/2" continuous vent opening, trim pole to suit
5.	2" x 6" x 24" scab at pole
6.	2" x 8" scab at pole
7.	2" x 6" stop nailed to rafter (35)
8.	rope and pulley system to lift (14), see plan (1) and (1/1) for details
9.	2" x 6" x 14' stiffeners; join 3' from pole with 3/8" x 6" x 6" plywood splice plate nailed on top
10.	2" x 6" x 14' head plank, join at poles 14' o.c.
11.	1" x 3" frame and stop
12.	1" x 2" frame, screw or double-head nails to (13)
13.	2" x 3" curtain frame
14.	reinforced polyethylene curtain, attach by wrapping & stapling to (12), screw or double-head nails to (13)
15.	14' x 4' panel removes for storage in summer
16.	strap hinge inside, 3 per panel
17.	24 gage galv. steel gusset nailed to (13)
18.	4" wide steel bracket, lag screw to pole
19.	top of all footings to be 3'-6" below datum so poles can be cut and/or notched for plates and beams before erecting
20.	below frost
21.	for dry climate, 3/8" exterior plywood single-skin roof, lap horizontal joints 3" and caulk all joints; for humid climate, 3/8" exterior plywood or 7/16" aspenite roof sheathing, plyclips midway between rafters, low-slope 210 lb. asphalt shingles
22.	2" x 4" treated blocking at corner
23.	datum line
24.	6" top x 16' pressure treated poles @ 14' o.c.
25.	6" top x 14' pressure treated poles @ 14' o.c., cut top to suit size of beam (36)
26.	2" min. vent slot during snowstorms
27.	1" x 4" hinged door with cable control, close for snow
28.	1-2" x 6" x 14' inner, 1-2" x 8" x 14' outer plate, end joints staggered 7' on alternate poles (notch pole for bearing inner plate)
29.	2" x 6" nailer block at each pole
30.	continuous doors of 3/8" plywood or Aspenite for summer ventilation
31.	2" x 6"
32.	rust-resistant hinge, 3 per 8' panel
33.	1" x 6"
34.	5 courses of 2" x 6" x 14' T & G pressure treated planking: stagger joints 7' @ poles, nail to poles with 3-4" spiral nails each plank
35.	2" x 6" x 16'-0" rafters (see table 1)
36.	center-line beam (see table 2)
37.	wedge at each rafter
38.	shingle shim at each rafter
39.	5" top x 12' pressure treated poles @ 7' o.c.

NOTE:
include leaflet 4111 for management information

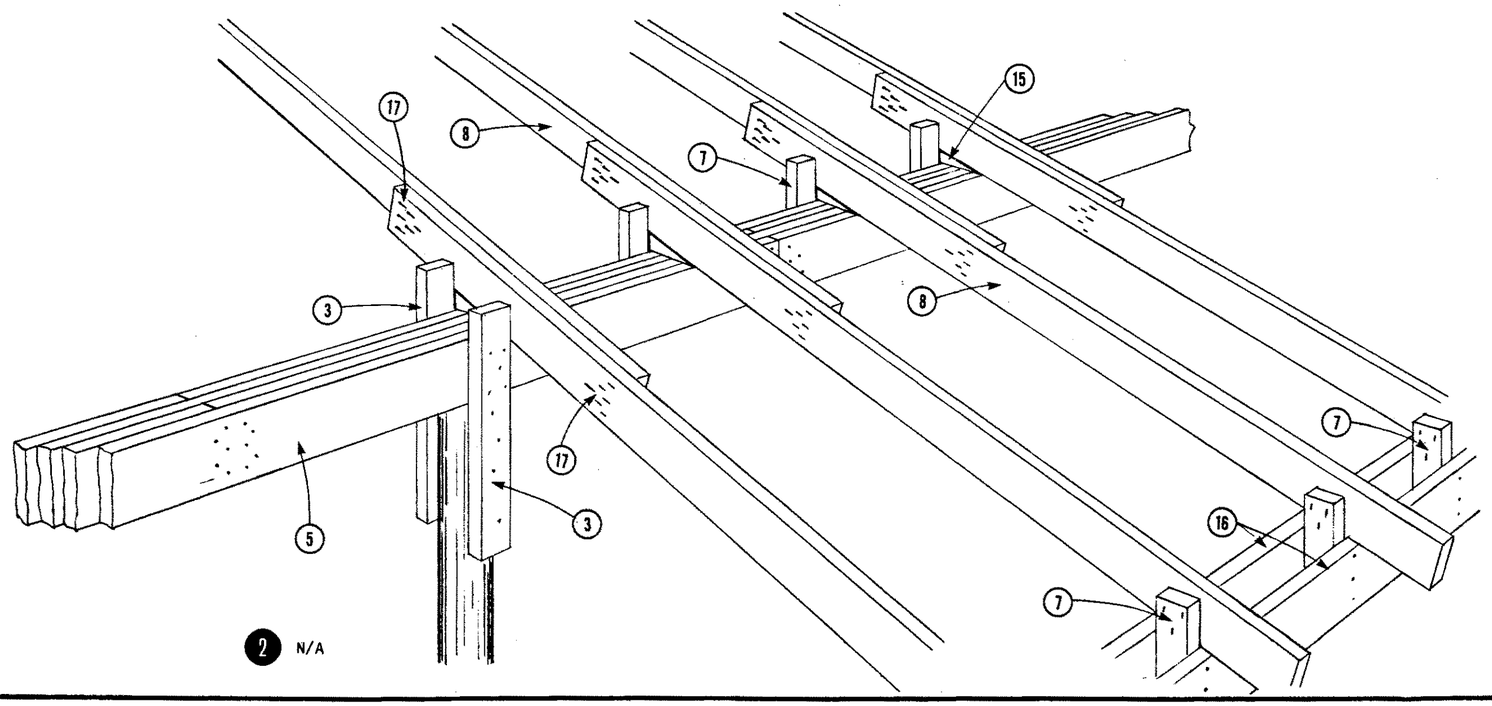
CANADA PLAN SERVICE

POLE FRAME SHEEP SHED

DESIGNED J.E.T.	DATE MAR. 75	PLAN 4111
DRAWN	REVISED Nov/75	
TRACED	DETAIL NUMBER A B C ORIGINATES ON SHEET DRAWN ON SHEET	SHEET 1 OF 3
CHECKED H.A.J.		



2 / 1 2 — 1/2" = 1'-0"



2 N/A

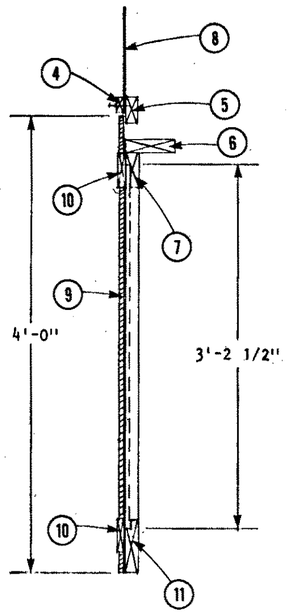
1.	rafter support beam, plan view
2.	beam and rafter details at center-line poles
3.	2" x 6" x 3' scab, 2 per pole (3 at first interior pole)
4.	2" x 10" x 4' at poles adjacent to end walls only
5.	continuous beam (see table 2, sheet 1); end joints staggered as shown, no joints at supporting poles
6.	5-5" common nails, 20 nails per joint
7.	2" x 4" x 16" tie-blocks @ each rafter
8.	2" x 6" x 16' rafters (see table 1, sheet 1)
9.	siding of 4" slab with bark side out and 1/4" spaces between, or unsanded 3/8" exterior plywood or unsanded Aspenite
10.	1" x 6"
11.	2" x 6"
12.	2" x 4"
13.	5 courses of 2" x 6" x 14' T & G pressure treated planking; stagger joints 7' @ poles, nail to poles with 3-4" spiral nails each plank
14.	6" top dia. pressure treated pole
15.	wedge at each rafter, from 2" x 4"
16.	2" plates at back of shed
17.	6-5" common nails, clinched
18.	5-5" common nails, 10 per scab

SYM	REVISIONS	CHECKED	DATE	APPROVED

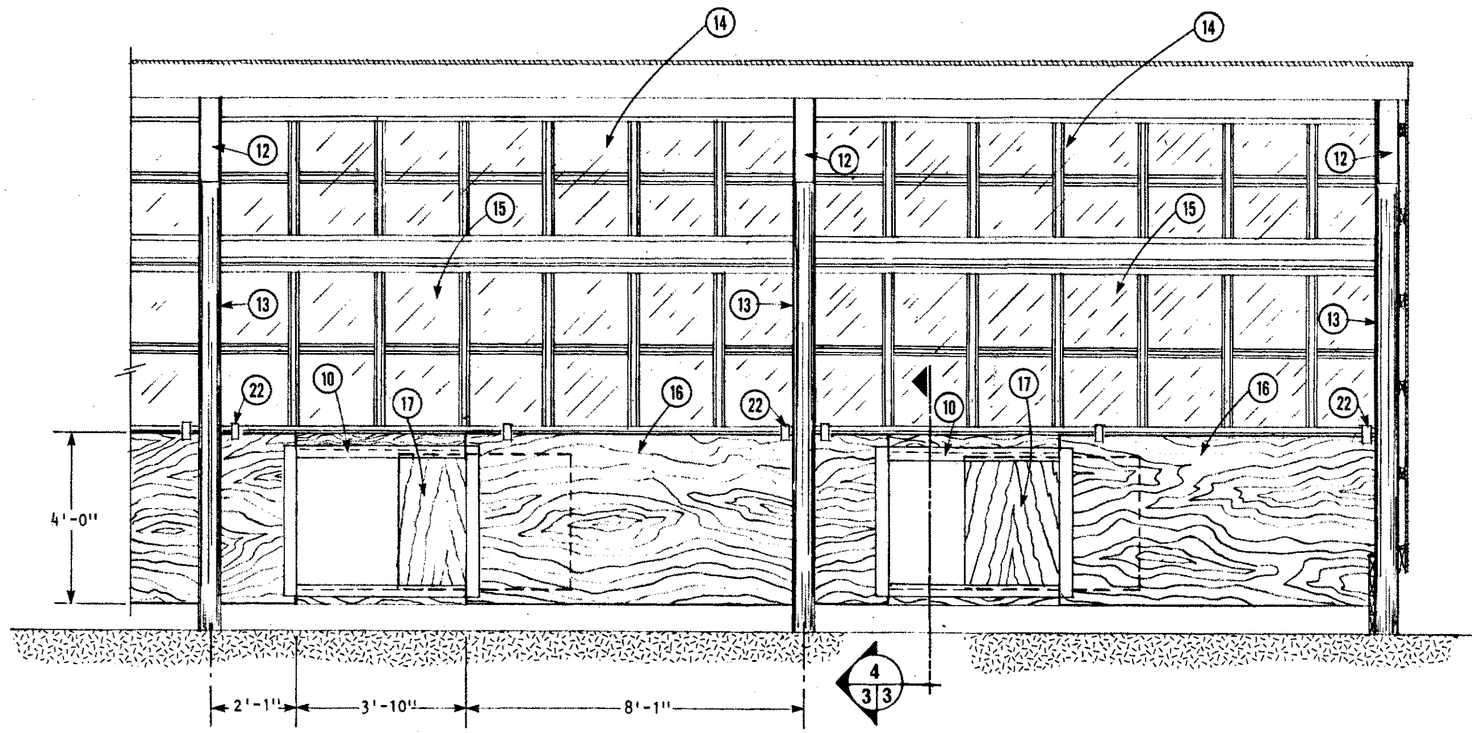
CANADA PLAN SERVICE

STRUCTURAL DETAILS

DESIGNED J.E.T.	DATE MAR. 75	PLAN 4111
DRAWN	REVISED	
TRACED	DETAIL NUMBER A, ORIGINATES ON SHEET B, DRAWN ON SHEET C	SHEET 2 OF 3
CHECKED H.A.J.		

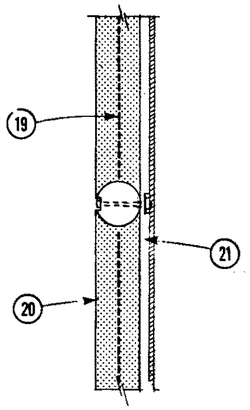


4/3|3 1" = 1'-0"

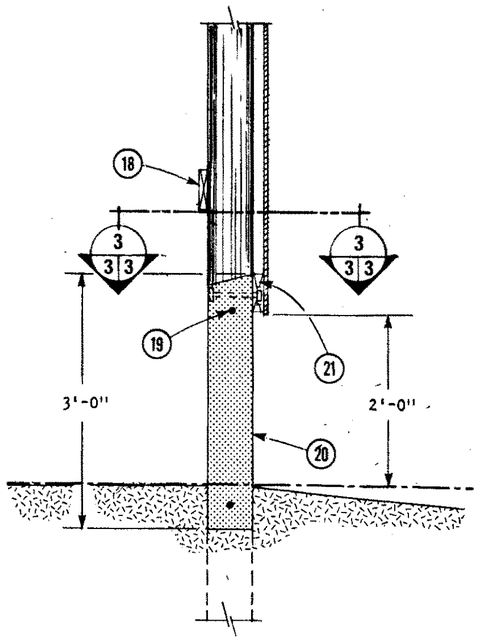


1 3/8" = 1'-0"

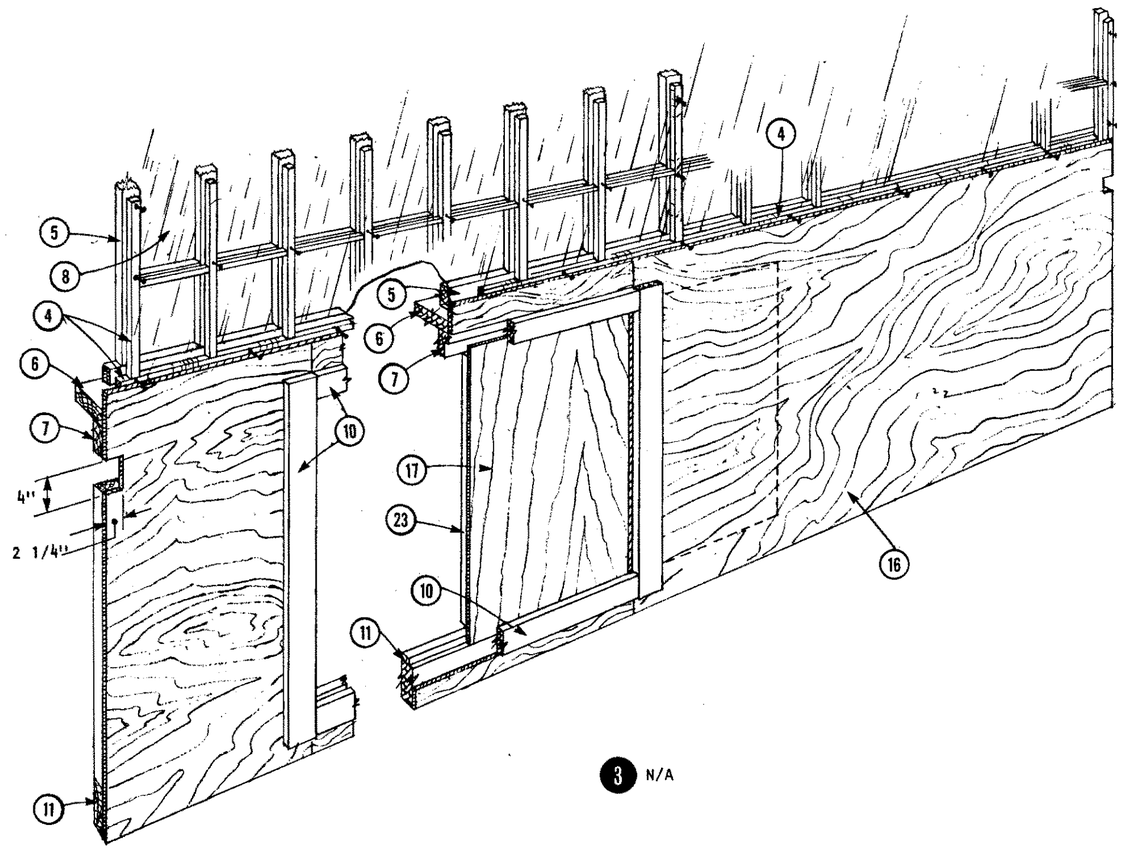
1.	curtain detail, front elevation of shed
2.	alternate wall detail with concrete infill panel between poles
3.	pictorial view of removable plywood curtain
4.	1" x 2" frame, screw or double-head nails to (5) for easier replacement
5.	2" x 3" curtain frame
6.	2" x 6" x 14' stiffener
7.	2" x 4" frame, rabbet 2 1/2" for sliding 3/8" plywood panel
8.	reinforced polyethylene curtain, attach by wrapping and stapling to (4)
9.	3/8" plywood
10.	1" x 4"
11.	2" x 6" frame, rabbet 1" for sliding 3/8" plywood panel
12.	2" x 6" x 24" scab at pole
13.	6" top dia. pressure treated pole @ 14' o.c.
14.	fixed in place reinforced polyethylene curtain (see sheet 1 note (14))
15.	hinged reinforced polyethylene curtain (see sheet 1 for details)
16.	14' x 4' removable winter panel with 3/8" plywood
17.	4' x 3'-1" sliding plywood panel
18.	2" x 6" guard planking
19.	#4 x 6'-4" rebars between poles
20.	reinforced concrete infill panel
21.	2" x 6" wall girt, bolt with 1/2" x 8" bolts and 3" x 3" washers recessed
22.	outside turnbuttons to secure (15) closed in winter
23.	1" x 2" stiffener each end



3/3|3 3/4" = 1'-0"



2 3/4" = 1'-0"



3 N/A

SYM	REVISIONS	CHECKED	DATE	APPROVED
—	Revised and re-issued		June/77	J.E.T.
—	sheet re-issued		Nov/75	JET

CANADA PLAN SERVICE

STRUCTURAL DETAILS

DESIGNED J.E.T.	DATE MAR. 75	PLAN 4111
DRAWN JET	REVISED JUNE/77	
TRACED	DETAIL NUMBER A B C	
CHECKED H.A.J.	ORIGINATES ON SHEET A B C	SHEET 3 OF 3
	DRAWN ON SHEET	