

INDEX

The Canada Plan Service is a co-operative provincial network of agricultural engineers, design draftspersons and livestock specialists. It is concerned with the planning, design and construction of modern farm buildings to serve the needs of Canadian agriculture. The Service gathers ideas from across the country and develops these as engineered construction and management recommendations. This makes the latest building technologies and farmstead management practices available to all Canadian farmers.

Each provincial department of agriculture has engineers and other extension specialists who work with farmers that request help in planning building renovations and new construction. Ten technical committees, composed of experts drawn from these specialists and the farm buildings industry, outline and develop the Canada Plan Service publications. These are numbered as series 1000 through 10000, corresponding to: beef; dairy; swine; sheep; poultry; fruits, vegetables and greenhouses; grain, forage and feeds; special structures; building engineering; and environment.

Canada Plan Service publications are prepared by each of the provinces and the Yukon and distributed by the CPS Co-ordination Unit. Some publications take the form of detailed construction plans on large drawing sheets; others are letter-sized management and construction leaflets. When released by the Co-ordination Unit, a copy is distributed to each province and the Yukon, who in turn reproduce and distribute them according to their needs.

A complete information package for a typical farm construction project might consist of two to seven large sheets of drawings plus one or two leaflets giving management and construction information.

This index lists the English-language plans and their corresponding leaflets available by number and title. A corresponding index lists those available in French. The letters MI in the 'Plan' column indicate that the plan is available in both 'metric' and 'imperial' dimensions - if you prefer the imperial version of plan 1114, for example, ask for plan 1114, not M-1114. Many newer leaflets listed as M(I) give both metric (and imperial) dimensions in the same leaflet.

In addition to plans and leaflets for specific buildings and farmstead equipment, this index lists some general-interest publications explaining construction, safety and planning principles. Examples are M-1800 Handling Facilities, M-3002 Site and Facilities Planning for Swine, M-7410 Silo Gas, M-10710 Manure Gas, and M-9401 Wood Preservatives.

Plan	Leaflet	No.		M I M(I) Q	= = =	Metric units Imperial units Metric (imperial in brackets) Quick-release, provincial plan
			BEEF CATTLE			
M I M I	M M (I) M (I) M M M M M M M M M M	1000 1114 1303 1352 1611 1623 1633 1642 1646 1649 1800 1811 1812 1813 1814 1816 1817 1818 1820 1831 1835	Beef Cattle Housing and Equipment Open-end Beef Barn, Drive-through Feed Calving Barn Calf Range Shelter Portable Calf Creep Feeder (Rev. 1998) Expandable Feed Bunk Fenceline Feeder (Pipe Frame) Giant Bale Feeders (Steel) Portable Hay Feeder Grain Self-feeder Cattle Handling Facilities Corral and Feedlot Fencing Crowding Gate Working Chute Blocking Gates Stationary Adjustable Loading Chute Adjustable Loading Chute Pregnancy Testing and A.I. Chute Loading System for Large Trucks Minimum Working Corral Large Working Corral	ding		
			DAIRY CATTLE			
M I M I I	M (I) M I M I I M I M I	2000 2512 2513 Q-2514 2832 2834	Dairy Cattle Housing and Equipment Milkhouse, Outside Vestibule Milkhouse, Office and Washroom Milkhouse with Equipment Room Calf Hutch Individual Calf Pen			
			SWINE			
МІ	M (I) M (I) M (I) M (I) I	3000 3002 3003 3434 3560 3561 3952	Swine Housing and Equipment Site and Facilities Planning for Swine Swine Barn Construction and Services Grower-finisher, Natural Ventilation, Trus Entrance, Office and Change Area Large Swine Barn Office Swine Barn Lighting Worksheet	ss Ro	oof	
			SHEEP			
I	M I M (I) M I M I M I M I M I M I M (I) M (I) M (I) M (I)	4000 4151 4312 4611 4613 4614 4621 4625 4632 4633 4811 4812 4813 4831	Sheep Housing Open-end Pole Sheep Barn, Drive-thru F Expandable Lambing Unit 6-sided Sheep Feeder Fixed Mineral Box Portable Mineral Box Hay and Grain Feeder for Sheep Sheep Feed Rack Sheep Salt and Mineral Feeder Walk Through Hay and Grain Feeder Sheep Corral Unit Working Chute Sheep Corral Fencing and Gates Portable Claiming Pen	- eedi	ng	

Plan	Leaflet	No.	Title	M I M(I) Q	= = = =	Metric units Imperial units Metric (imperial in brackets) Quick-release, provincial plan
			POULTRY			
I	I M (I) M (I) M (I) M (I) M (I) M (I) M	5000 5015 5210 Q-5255 5310 5320 5602 5603 5702	Poultry Housing Nests Layer Housing 300 Hen Laying House (Minimum Facili Broiler Housing Pullet Housing Lighting for Poultry Housing Leaflet Water Requirements for Poultry Proper Disposal of Dead Poultry	ties)		
			FRUITS, VEGETABLES AND GREENI	HOUS	ES	
M I M I M I M(I)	M (I) M I M I M (I)	6000 6111 6112 Q-6116 6122 6312 Q-6313 6319 6330 6666 6701 6704 6720	Fruit and Vegetable Storage Refrigerated Bulk Vegetable Storage W Refrigerated Pallet Fruit and Vegetable Controlled Atmosphere (CA) Storage Potato Bin Bulkhead Bulk Potato Storage with Side Air Plenu Bulk Potato Storage, 2500 tonnes, 2 Bin Walk-In Cooler Fruit and Vegetable Storage Insulation Tunnel Forced-Air Coolers Greenhouse Heating Requirements Greenhouse Ventilation Two Layer Polyethylene Greenhouse	Storag	ge V	Vall
			GRAIN, FORAGE AND FEED			
M I M I M I	M (I)	7000 7129 7410 7435 7436 7601 7651 7824	Grain, Forage and Feed Structures Short Portable Seif-supporting Wall Silo Gas Above-ground Horizontal Silo Roofed Horizontal Silo Hay Storage for Round or Rectangular Heap Silos Multiple Feed Bins	Bales		
			SPECIAL STRUCTURES			
		8201 8202 8203 Q-8211 Q-8248 8311 8312 8313 8314 8315 8362 8364 8365 8366 8367 8368	Barn for Riding Horses Barn for Riding Horses - 6 or 10 Box St Two-story Horse Barn 100 Goat Milking Barn & Feed Area 240 Doe Rabbitry Machinery Storage (End Opening Doors Machinery Storage (Side Opening Door General Purpose Farm Storage, Stud V Stud Wall Machinery Storage (Knee Bra Gambrel Roof Barn Texas Gate (Vehicle Pass) Farm Gate Page Wire Fencing Barbed Wire Field Fencing Barbed Wire Suspension Fencing Windbreak Fences	s) 's) Valls		

Plan	Leaflet	No.	M = Metric units I = Imperial units M(I) = Metric (imperial Title Q = Quick-release, p	•
			BUILDING ENGINEERING	
M (I) M I	M (I)	9011 9012 9102 9306 9307 9308 9309 9310 9312 9313 9341 9471 9401 9451 9700 9702 9705 9707 9708 9710 9715 Q-9731 9732 9735 9750 9760 9765	Metric Fact Sheet Specifying Concrete for Agricultural Applications Truss Erecting and Bracing Footing Systems For Agricultural Structures Knee-brace Systems for Windbracing Farm Buildings Buttresses for Windbracing Farm Buildings Concrete Retaining Walls Steel Roof Diaphragm Wind Bracing with Stud Walls Plate Beams and Lintels Steel Beams For Large Door Headers Sliding Doors Steel Ceiling Diaphragm Wood Preservatives Rodent and Bird Control in Farm Buildings Stray Voltage Fan Ventilation Principles and Rates Troubleshooting Livestock and Poultry Ventilation Problems Selecting Fans for Livestock Buildings Protecting Workers in Livestock Barns From Dust and Gases Farm Workers Health Problems Related to Air Quality Inside Livesto Fresh Air Inlets Self-adjusting Slot Air Inlets Passive Solar Shop Heating Solar Ventilation Wall with Heat Storage Hot Water Floor and Space Heating Ventilating and Heating Small Livestock Rooms Natural Ventilation Sizing Openings for Naturally Ventilated Barns	ck Barns
			ENVIRONMENT	
M I M I M I M (I) M M M	I M M I M I M M (I)	10383 10704 10706 10707 10710 10712 10730 10731 10732 10733 10734	Odour Control for Livestock Facilities Clay-Lined Manure Storage Pond with Pumping Dock Curbed Storage Slabs for Stacked Manure Manure Gas Concrete Covered Rectangular Manure Tanks Open Circular Manure Storage Tanks Open Rectangular Manure Storage Tanks with Cantilever Walls Open Rectangular Manure Storage Tanks with Buttressed Walls Covered Circular Manure Storage Tanks	mum