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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. In most cases, the information package is 'customized' by the provincial extension engineer in consultation with the farmer client.

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. To obtain copies of the plans and leaflets listed here, contact the regional extension engineer at your local provincial department of agriculture.

Plan	Leaflet	No.	Title	M	=	Metric units
				I	=	Imperial units
				M(I)	=	Metric (imperial in brackets)
				Q	=	Quick-release, provincial plan

BEEF CATTLE

	M I	1000	Beef Cattle Housing and Equipment
M I	M (I)	1114	Open-end Beef Barn, Drive-through Feeding
M I	M (I)	1303	Calving Barn
	M I	1352	Calf Range Shelter
M I	M	1611	Portable Calf Creep Feeder (Rev. 1998)
	M I	1623	Expandable Feed Bunk
	I	1633	Fenceline Feeder (Pipe Frame)
	M I	1642	Giant Bale Feeders (Steel)
	M I	1646	Portable Hay Feeder
	M I	1649	Grain Self-feeder
	M (I)	1800	Cattle Handling Facilities
	M I	1811	Corral and Feedlot Fencing
	M I	1812	Crowding Gate
	M I	1813	Working Chute
	M I	1814	Blocking Gates
	M I	1816	Stationary Adjustable Loading Chute
	M I	1817	Adjustable Loading Chute
	M I	1818	Pregnancy Testing and A.I. Chute
	I	1820	Loading System for Large Trucks
	M I	1831	Minimum Working Corral
	M I	1835	Large Working Corral

DAIRY CATTLE

	M (I)	2000	Dairy Cattle Housing and Equipment
M I	M I	2512	Milkhouse, Outside Vestibule
M I	M I	2513	Milkhouse, Office and Washroom
I	I	Q-2514	Milkhouse with Equipment Room
	M I	2832	Calf Hutch
	M I	2834	Individual Calf Pen

SWINE

	M (I)	3000	Swine Housing and Equipment
	M	3002	Site and Facilities Planning for Swine
	M (I)	3003	Swine Barn Construction and Services
M I	M (I)	3434	Grower-finisher, Natural Ventilation, Truss Roof
	M (I)	3560	Entrance, Office and Change Area
	I	3561	Large Swine Barn Office
	I	3952	Swine Barn Lighting Worksheet

SHEEP

	M I	4000	Sheep Housing
I	I	4151	Open-end Pole Sheep Barn, Drive-thru Feeding
	M (I)	4312	Expandable Lambing Unit
	M I	4611	6-sided Sheep Feeder
	M I	4613	Fixed Mineral Box
	M I	4614	Portable Mineral Box
	M I	4621	Hay and Grain Feeder for Sheep
	M I	4625	Sheep Feed Rack
	M I	4632	Sheep Salt and Mineral Feeder
	M (I)	4633	Walk Through Hay and Grain Feeder
	M (I)	4811	Sheep Corral Unit
	M (I)	4812	Working Chute
	M I	4813	Sheep Corral Fencing and Gates
	M (I)	4831	Portable Claiming Pen

Plan	Leaflet	No.	Title	M	=	Metric units
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POULTRY

	I	5000	Poultry Housing
	M (I)	5015	Nests
	M (I)	5210	Layer Housing
I	M (I)	Q-5255	300 Hen Laying House (Minimum Facilities)
	M (I)	5310	Broiler Housing
	M (I)	5320	Pullet Housing
	M (I)	5602	Lighting for Poultry Housing Leaflet
	M	5603	Water Requirements for Poultry
	M	5702	Proper Disposal of Dead Poultry

FRUITS, VEGETABLES AND GREENHOUSES

	M (I)	6000	Fruit and Vegetable Storage
M I	M I	6111	Refrigerated Bulk Vegetable Storage Wall
M I	M I	6112	Refrigerated Pallet Fruit and Vegetable Storage Wall
M	M	Q-6116	Controlled Atmosphere (CA) Storage
	M (I)	6122	Potato Bin Bulkhead
M I	M (I)	6312	Bulk Potato Storage with Side Air Plenum
I	M (I)	Q-6313	Bulk Potato Storage, 2500 tonnes, 2 Bins
M(I)	M (I)	6319	Walk-In Cooler
	M (I)	6330	Fruit and Vegetable Storage Insulation
	M (I)	6666	Tunnel Forced-Air Coolers
	M	6701	Greenhouse Heating Requirements
	M (I)	6704	Greenhouse Ventilation
M I	M	6720	Two Layer Polyethylene Greenhouse

GRAIN, FORAGE AND FEED

	M (I)	7000	Grain, Forage and Feed Structures
	M (I)	7129	Short Portable Self-supporting Wall
	M (I)	7410	Silo Gas
M I	M (I)	7435	Above-ground Horizontal Silo
M I	M (I)	7436	Roofed Horizontal Silo
M I	M (I)	7601	Hay Storage for Round or Rectangular Bales
	M (I)	7651	Heap Silos
M I	M (I)	7824	Multiple Feed Bins

SPECIAL STRUCTURES

	I	I	8201	Barn for Riding Horses
	I	I	8202	Barn for Riding Horses - 6 or 10 Box Stalls
M I	M (I)		8203	Two-story Horse Barn
	I	I	Q-8211	100 Goat Milking Barn & Feed Area
M	M		Q-8248	240 Doe Rabbitry
	I	M (I)	8311	Machinery Storage (End Opening Doors)
M (I)	M (I)		8312	Machinery Storage (Side Opening Doors)
M I	M (I)		8313	General Purpose Farm Storage, Stud Walls
M (I)	M (I)		8314	Stud Wall Machinery Storage (Knee Braced)
M (I)	M (I)		8315	Gambrel Roof Barn
	M I		8362	Texas Gate (Vehicle Pass)
	M I		8364	Farm Gate
	M (I)		8365	Page Wire Fencing
	M (I)		8366	Barbed Wire Field Fencing
	M (I)		8367	Barbed Wire Suspension Fencing
	M I		8368	Windbreak Fences

Plan	Leaflet	No.	Title	M = Metric units
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Plan	Leaflet	No.	Title	I = Imperial units
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Plan	Leaflet	No.	Title	M(I) = Metric (imperial in brackets)
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Plan	Leaflet	No.	Title	Q = Quick-release, provincial plan
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BUILDING ENGINEERING

	M (I)	9011	Metric Fact Sheet	
	M	9012	Specifying Concrete for Agricultural Applications	
	M (I)	9102	Truss Erecting and Bracing	
	M (I)	9306	Footing Systems For Agricultural Structures	
	M (I)	9307	Knee-brace Systems for Windbracing Farm Buildings	
	M (I)	9308	Buttresses for Windbracing Farm Buildings	
	M (I)	9309	Concrete Retaining Walls	
	M	9310	Steel Roof Diaphragm Wind Bracing with Stud Walls	
	M (I)	9312	Plate Beams and Lintels	
M (I)	M (I)	9313	Steel Beams For Large Door Headers	
	M (I)	9341	Sliding Doors	
M I	M	9371	Steel Ceiling Diaphragm	
	M	9401	Wood Preservatives	
	M (I)	9451	Rodent and Bird Control in Farm Buildings	
	M	9611	Stray Voltage	
	M (I)	9700	Fan Ventilation Principles and Rates	
	M (I)	9702	Troubleshooting Livestock and Poultry Ventilation Problems	
	M (I)	9705	Selecting Fans for Livestock Buildings	
	M (I)	9707	Protecting Workers in Livestock Barns From Dust and Gases	
	M (I)	9708	Farm Workers Health Problems Related to Air Quality Inside Livestock Barns	
	M (I)	9710	Fresh Air Inlets	
	M I	9715	Self-adjusting Slot Air Inlets	
M (I)	M	Q-9731	Passive Solar Shop Heating	
	M I	9732	Solar Ventilation Wall with Heat Storage	
	M (I)	9735	Hot Water Floor and Space Heating	
	M (I)	9750	Ventilating and Heating Small Livestock Rooms	
	M (I)	9760	Natural Ventilation	
	M	9765	Sizing Openings for Naturally Ventilated Barns	

ENVIRONMENT

	I	I	10383	Small Agricultural Waste Storage – Wood Walls – 24 Ft. Wide Maximum	
		M	10704	Odour Control for Livestock Facilities	
M I		M I	10706	Clay-Lined Manure Storage Pond with Pumping Dock	
M I		M I	10707	Curbed Storage Slabs for Stacked Manure	
		M	10710	Manure Gas	
M I		M (I)	10712	Concrete Covered Rectangular Manure Tanks	
M (I)			10730	Open Circular Manure Storage Tanks	
M			10731	Open Rectangular Manure Storage Tanks with Cantilever Walls	
M			10732	Open Rectangular Manure Storage Tanks with Buttressed Walls	
M			10733	Covered Circular Manure Storage Tanks	
M			10734	Covered Rectangular Manure Storage Tanks	