

Farm Structures FACTSHEET



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FARM BUILDING CONSTRUCTION CHECK LIST

This check list is intended to provide aid to the farmer in setting priorities and in scheduling materials and labour. It is intended as a guide only.

Design and Engineering

- Site plan
- Building plans completed
- Are soil tests necessary?
- Investigate insurance needs: building risk, contents, fire, etc.
- Ensure all local and provincial permits have been obtained
 - Building permits for local municipality
 - Public health permits for sewage systems
 - Milk inspector to check parlour design and installation of equipment
 - Provincial quotas or restrictions

On-Site Development

- Demolition work necessary?
- Arrange for clearing, grading, fill and soil removal
- Paving requirements
- Parking and driveway space

- Will retaining wall be required?
- Will new fencing and screening be required?

Exterior Utilities and Connections

- Overhead electrical clear of yard area?
- Make arrangements for temporary power to the job site during construction
- What are the power requirements to the building?
- Natural gas requirements?
- What type of water mains will be required, size, etc?
- Make arrangements for adequate surface and subsoil drainage
- Piping requirements from the building to the septic system
- Trenching and backfill requirements for all underground lines
- Check on having to relocate existing power and/or telephone poles
- Flood lighting requirements for outside areas

Building Shell – General

- What type of excavation and foundation will be required?
- What type of exterior walls will serve best?
 - Brick or concrete blocks?
 - Concrete only?
 - Steel framing?
 - Wood framing?
 - Pole type structure?
- Floor requirements
- Roof requirements
- Insulation requirements
- Ventilation requirements
- Consider the overall architectural look of the building front and side walls
- Consider proper location and type of doors and windows
- Choose colours to provide a pleasing compatible exterior

Mechanical and Electrical

- Plan interior wiring requirements, electrical outlets
- Check on need for special wiring for milking equipment, feed mill, etc.
- Provide for sufficient capacity – transformers, service size

- Emergency power generating equipment
- Carefully select the type of ventilation fans, pumps, piping, storage tanks, water tanks and associated equipment
- Contract for the above electrical requirements
- Waste disposal systems requirements
- Fire or burglar alarms
- Safety measures
 - “No Smoking” signs
 - Fire extinguishers
 - “Fans off” alert – audible or visual?

Contractor Selection

- Choose a reputable contractor
- Decide if you want full service; including site selecting even to landscaping. In short, is a contractor needed that can coordinate and construct the entire building package?
- Or, are you planning to coordinate all phases of the construction project and purchase each portion of your building through a self-appointed sub-contractor?
- Check on the quality of the products he specifies to you, his past performance and personally visit some of the jobs he has constructed.

FOR FURTHER INFORMATION, CONTACT

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