Individuality in the second se



Figure 1. Example of a blueprint for below- oor root cellar

skin produce, including b ..., ab, ..., ca ..., a., ..., ad, ..., a d c c b .., is harvested leaving a ½-inch stem and stored to retain moisture. is can be done with packing material or perforated plastic bags. Layer vegetables in packing materials such as moist sawdust, sand and peat moss.

Leafy vegetables such as  $c \rightarrow C_{11} - cabba$ ,  $d_1 \rightarrow a_1 d ca_{121}$  should be lied out of the garden with roots attached and replanted in moist packing material. Vegetables with strong odors, such as cabba  $a_1 d = a_1 - a_1$ , are best when individually wrapped in newspaper to prevent drying out and to reduce smells.

 $P_1 \cdot a_1 \cdot a_1$ 

Tomatoes are harvested leaving a short stem attached. Place tomatoes one layer deep in a shallow box and cover with newspaper to keep them from drying out.

O<sub>1111</sub>., like potatoes, are cured for several weeks a er harvest. is allows the skin to become papery and the roots to shrivel. Onions are best stored in a cool, dry location with good air circulation. Onions are o en braided or put in a mesh bag and hung from the ceiling of the root cellar.

## **Building a root cellar**

A root cellar should be cold, dark and damp and in a convenient location. It is easier to control temperature and humidity in a small cellar. Most families can get by with an area 4 feet by 6 feet in size. e most convenient location may be a walled-o part of a basement or garage area with a window for ventilation. A common location in rural Alaska is in the oor of the kitchen. With an inside installation, be sure to put a vapor barrier towards the inside of the root cellar to protect the rest of the house from excess moisture and rot.

In both attached and separate structures select wood designed for direct burial for the walls and oor. Check with the supplier to be sure that the wood treatment is not toxic in this application. Uninsulated masonry walls will conduct the cool ground temperature into your root cellar and are very durable. Water drainage is important for keeping out surface water in the spring and during summer rains. Insulate above-ground walls to protect from cold temperatures in winter and warm temperatures in summer. Be aware that seasonal frost can extend over 4 feet deep seasonally into the



*Figure 2. A well-insulated room in the basement can provide good cool, moist storage for vegetables.* 

soil. Keep this in mind and make sure that the insulation extends below the frost line.

## Storage Time and Temperature for Some Vegetables Grown in Alaska

Vegetables	Temp F.	% Humidity	Storage Time	Comments
				Late maturing variet es **
				-inch stem *
Caulifower				

## . a. d /c. 1-877-520-5211

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