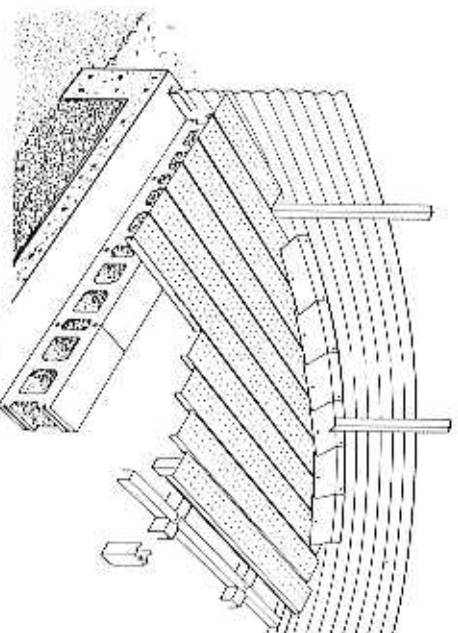


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- 1 reinforced concrete foundation with "X-type" aeration duct
- 2 reinforced concrete foundation with "Y-type" aeration duct
- 3 reinforced concrete foundation with "L-type" aeration duct, for bins not over 18'-0" diam.
- 4 reinforced concrete foundation with "U" (flange aeration system) system consists of galv. steel or concrete block supports, perforated plank flooring, and plugging to shell bin; see manufacturer.
- 5 aeration duct extension or fan transition
- 6 aeration duct with floor panels or use perforated flooring
- 7 center bin wall and unloading auger
- 8 unloading auger trunion with removable soft/floor
- 9 interconnective bin wall (optional); do not use to start, employing 4 "U" bin

SPECIFICATIONS

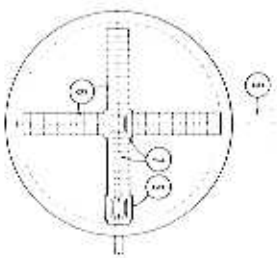
Before constructing foundation consult manufacturer of steel grain bin for details main wall, foundation and bin diameter, bin supports, center floor and deep, aeration ducts and fan coil size. Also consult local authorities for applicable city codes.

The weight of the bin (unshelved) is max. bin diameter of 12'-0" with a max. depth of 16'-0" (excluding bin). For greater bin depths and diameters increase the perimeter footing width and strength or install reinforcement.

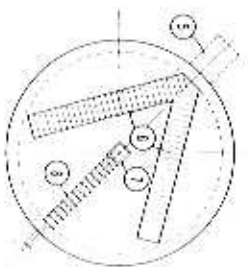
The system soil safe bearing pressure must be higher than 1,000 p.s.f. unless other-use conditions. Mix concrete-grade concrete is to be min 3,000 p.s.f. in 28 days, 50 air content/min. The size year must ensure that the loading requirements are met. Consult an engineer if you are not familiar with the details required of 12 year bin and soil do not fall within these limits.

All reinforcing steel to be min. 60,000 psi deformed bars. Provide 2" min. concrete cover over reinforcing steel.

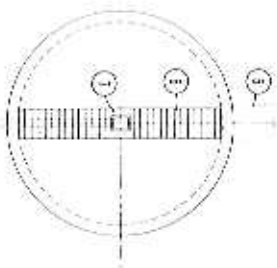
All required steel to be galvanized or painted to resist corrosion from moisture.



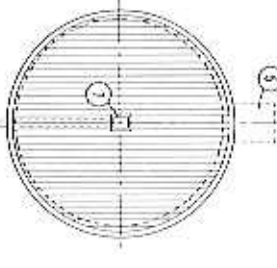
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**COOPERATIVE EXTENSION SERVICE
AGRICULTURE AND HOME ECONOMICS**

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATIVE

FOUNDATIONS FOR CIRCULAR STEEL GRAIN
BINS UNDER 22 FT DIAMETER

CANADA '67 6391 SHEET 1 OF 2