THE OPERATOR PLANNING TO BUILD A STORAGE SHOULD RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER TO DESIGN THE STORAGE TO MEET THE OPERATOR'S PARTICULAR NEEDS AND TO MEET LOCAL CONDITIONS, AS WELL AS TO SUPERVISE CONSTRUCTION.
**TYPICAL AIR WALL**

**SECTION G-G**
Ventilation Duct Not Shown

Caution: Many Areas Cannot Use "Floating" Slab Foundation Shown.

**TYPICAL FLOOR TRENCH**

**SECTION E-E**

**TYPICAL BIN DIVIDER**

**SECTION F-F**

**COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS**

**POTATO STORAGE**
60,000 CWT, CROSS ALLEY
ARS-YFRED EX. 6018 SHEET 4 OF 10

**STRUCTURAL DETAILS**
Note: Areas of heavy snowfall may require roof over inlet-outlet.

- Plywood Cap
- Sheet Metal
- Fresh Air In
- Plywood
- Air Out
- Built-up Roof
- Flashed Metal
- Corrugated Metal
- Roof Anchors
- Sheath Sides
- Duct Framing
- Ventilation Divider Door
  - Door in Position for Thru Ventilation
  - Control Chain
- Thru Ventilation Duct
Legend

- Ceiling Lamp, 100 W., Vaporproof
- Floodlamp, 1000 W., Waterproof
- Floodlamp, 1000 W.

- Duplex Outlet, 110 V., 1 φ, Grounded
- Duplex Outlet, 208 V., 3 φ, or 230 V., 1 φ, Grounded
- Duplex Outlet, 208 V., 3 φ, or 230 V., 1 φ, Grounded

- Weatherproof

S Single Pole Switch
S_2 Single Pole Switch, 3-way
P_1 Main Service Panel
P_2 Distribution Panel
P_3 Panel, Wall-mounted under Air Intake for Ventilation Controls