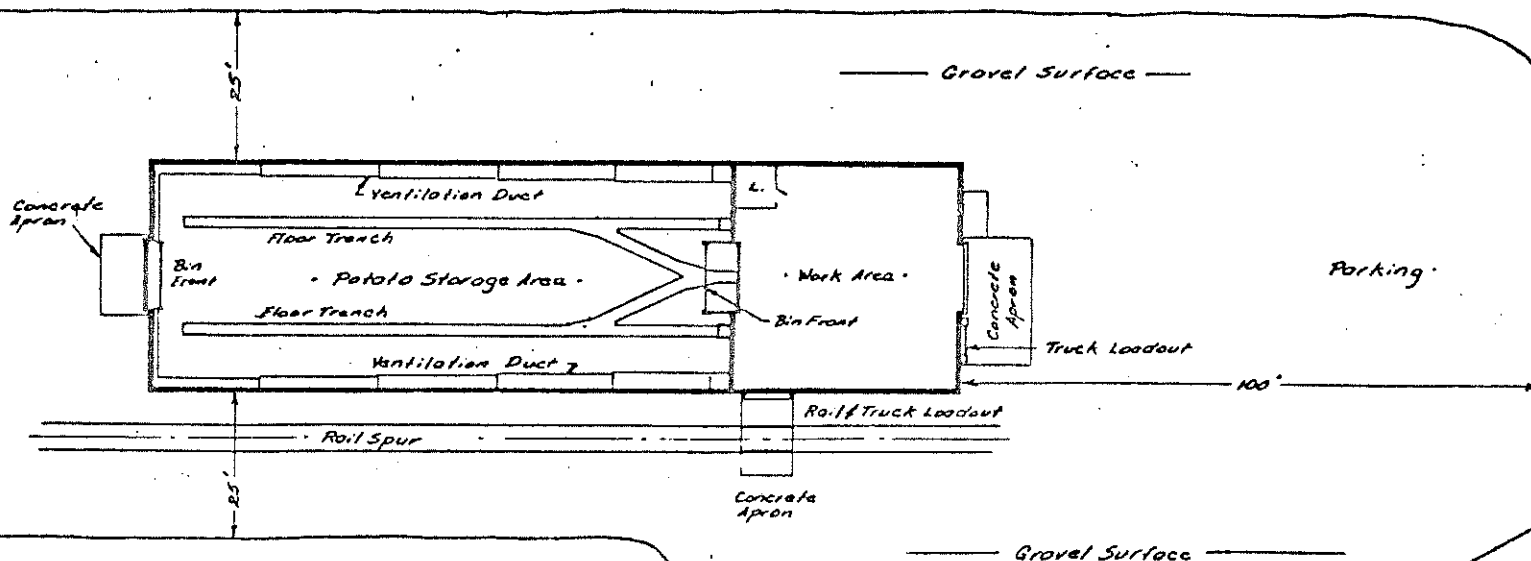


Perspective



Site Plan

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.

NOTE ADDED-SHEET 1
REVISED: 5-2-69

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

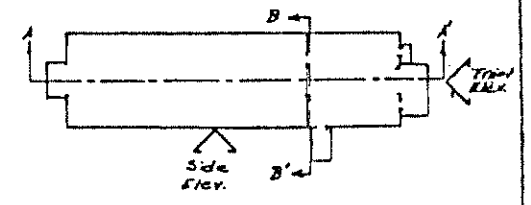
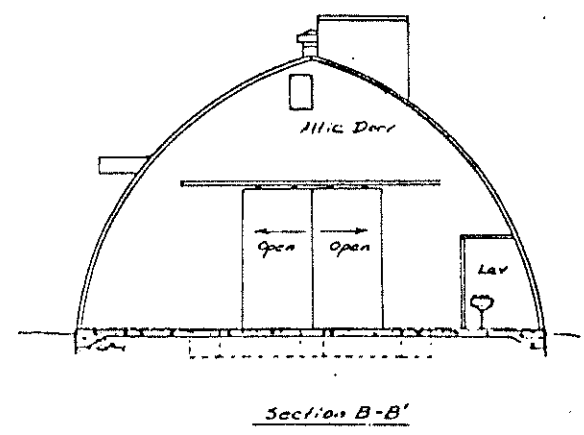
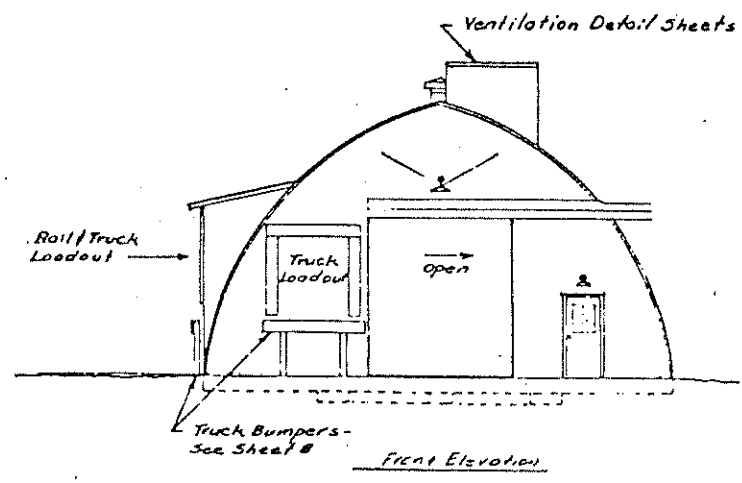
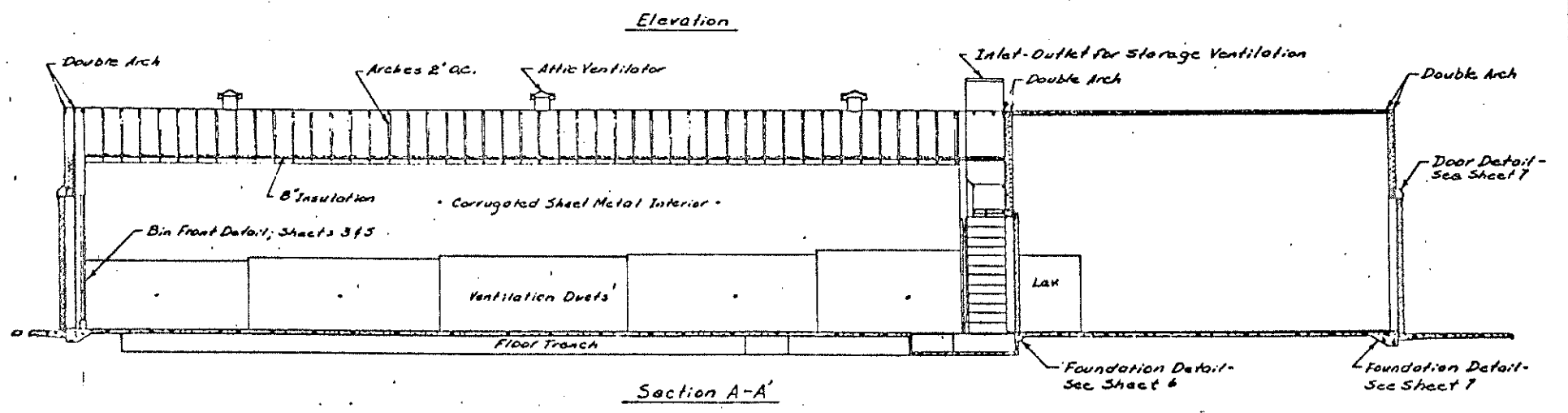
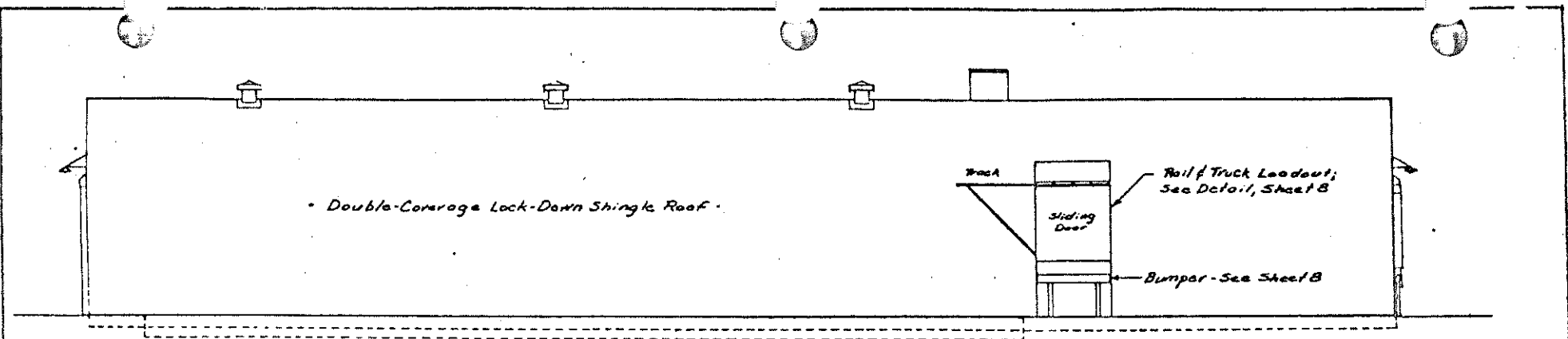
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

Potato Storage
20,000 Cwt. Archetype Plan

ARS-7FRD EX. 5289 SHEET 1 OF 8

Perspective of Site Plan

Highway



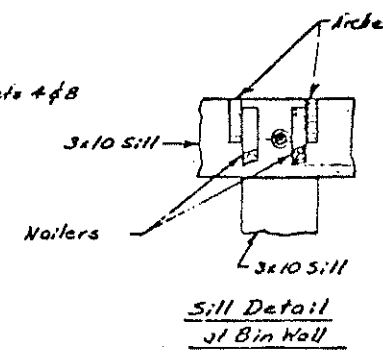
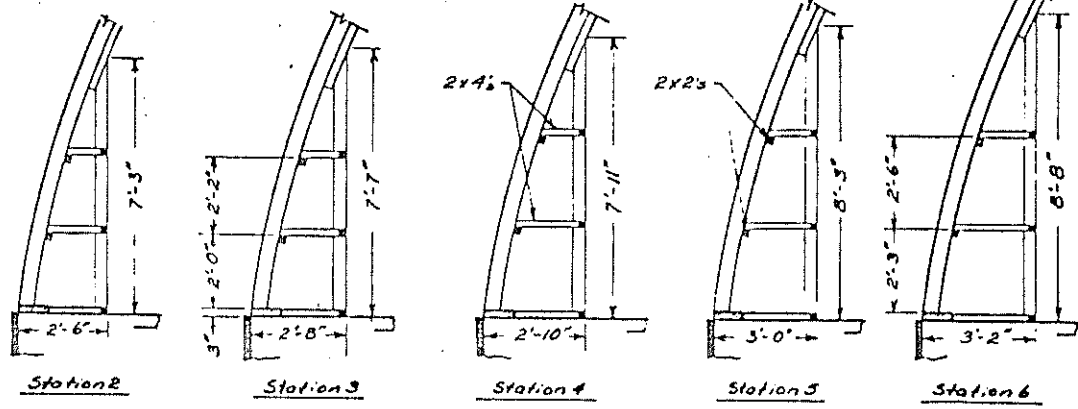
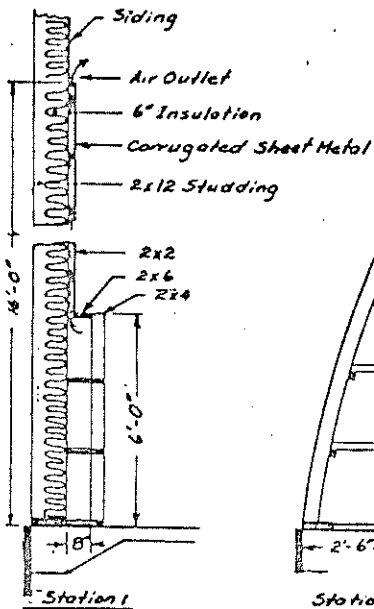
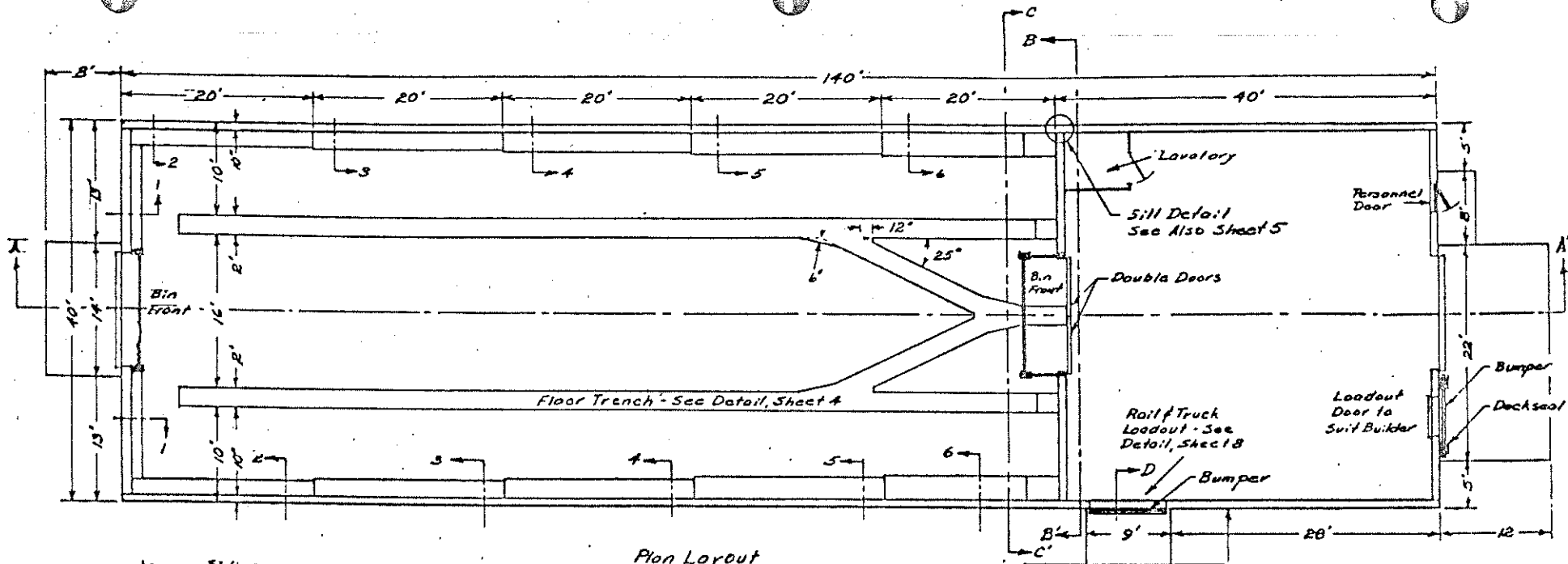
COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE

Food Storage
20,000 Cwt. Arched Roof

ARS-TRFD | DL 5989 | SERIES 2 CHS

Elevations & Sections



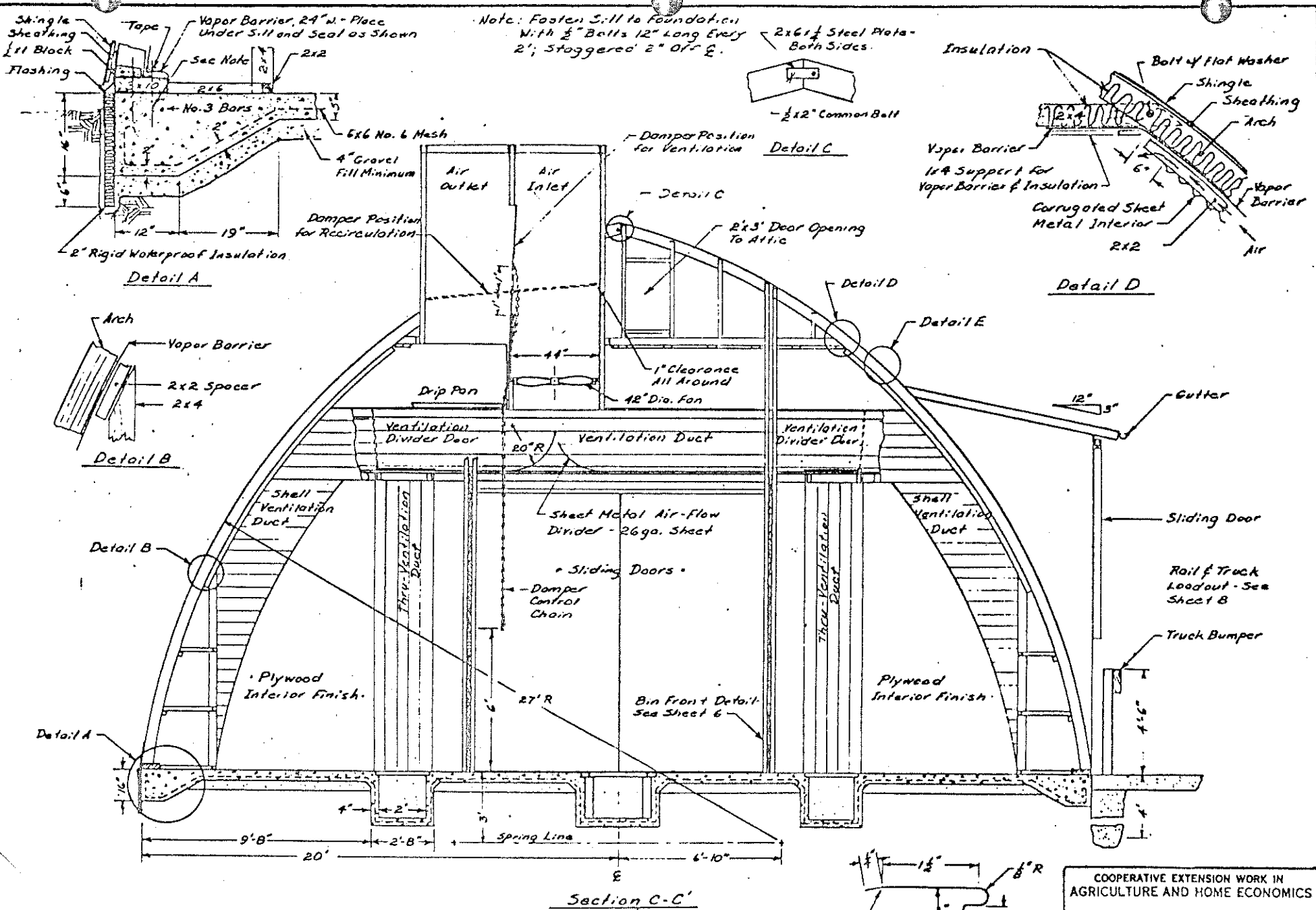
COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE

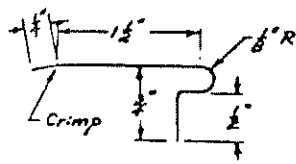
Potato Storage
 20,000 Cwt. Arched Roof

ARS-TRD 5989 SHEET 3 OF 6

Layout of Duct Details

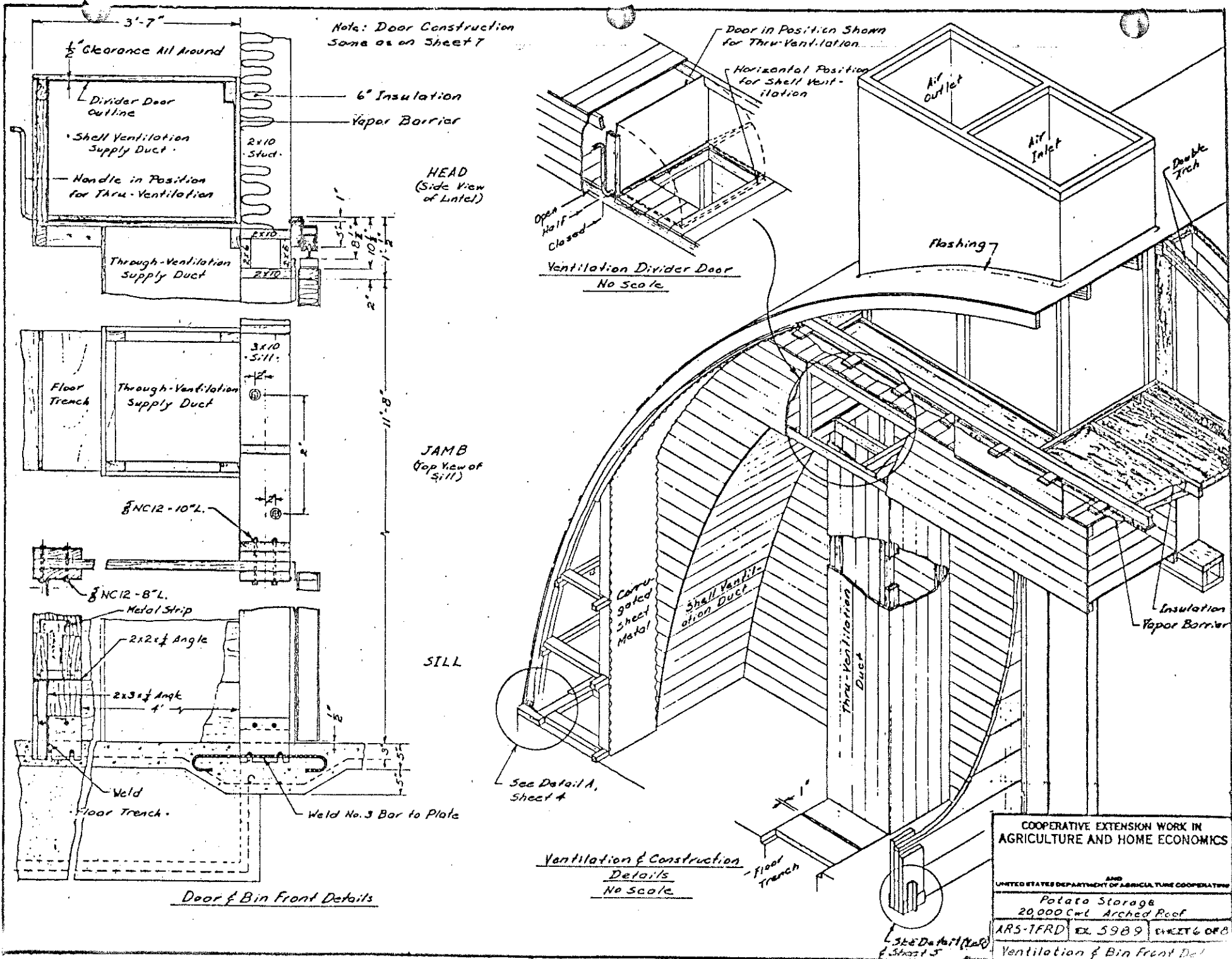


Caution: Many Areas Cannot Use "Floating" Slab Foundation Shown.



Detail E
Scale: Full
Roof Edge Flashing

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS		
AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING		
Potato Storage 20,000 Cwt. Arched Roof		
ARS-TRFD	EX. 3989	SHEET 4 OF 8
Cross Section & Details		



Note: Door Construction Same as on Sheet 7

Door in Position Shown for Thru-Ventilation

Horizontal Position for Shell Ventilation

HEAD (Side View of Lintel)

Ventilation Divider Door No Scale

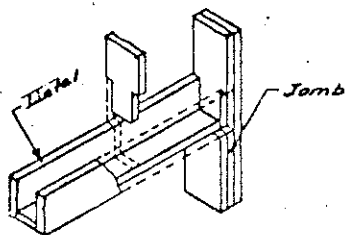
JAMB (Top View of Sill)

SILL

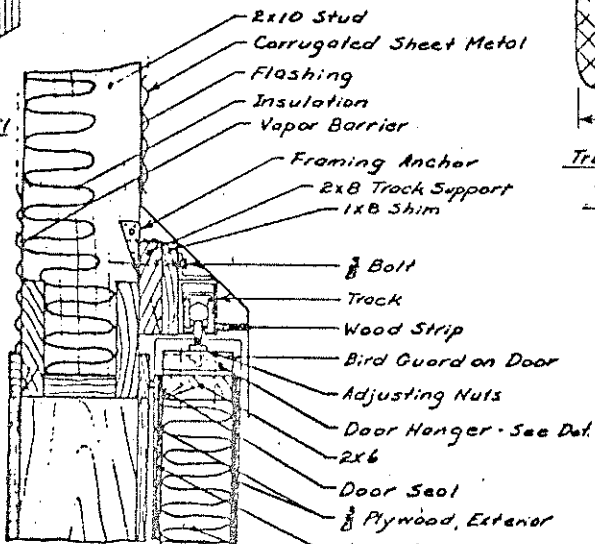
Ventilation & Construction Details No Scale

Door & Bin Front Details

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATION
 Potato Storage 20,000 Cwt. Arched Roof
 ARS-TFRD EX. 5989 SHEET 6 OF 8
 Ventilation & Bin Front Details

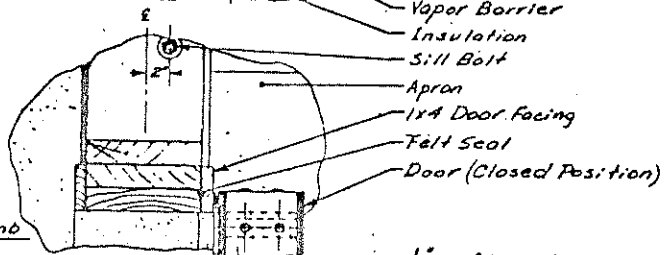


Jamb & Lintel Detail
Do Not Scale

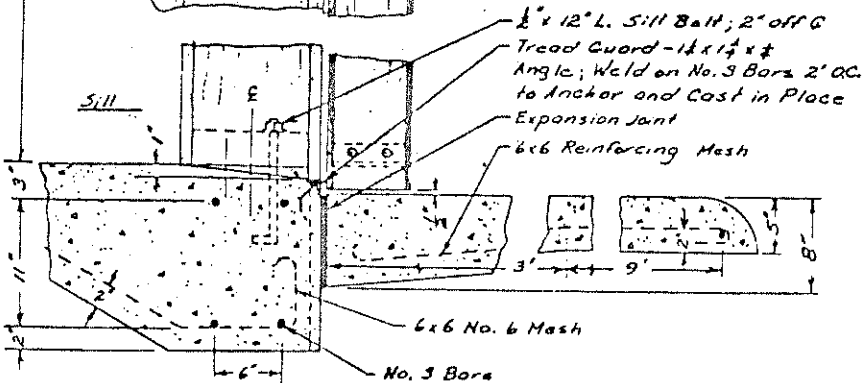


Head

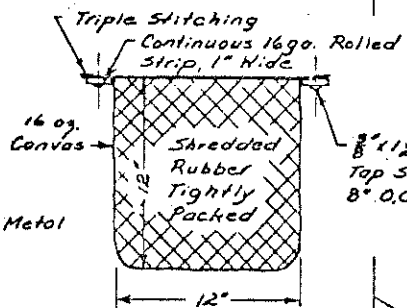
Jamb



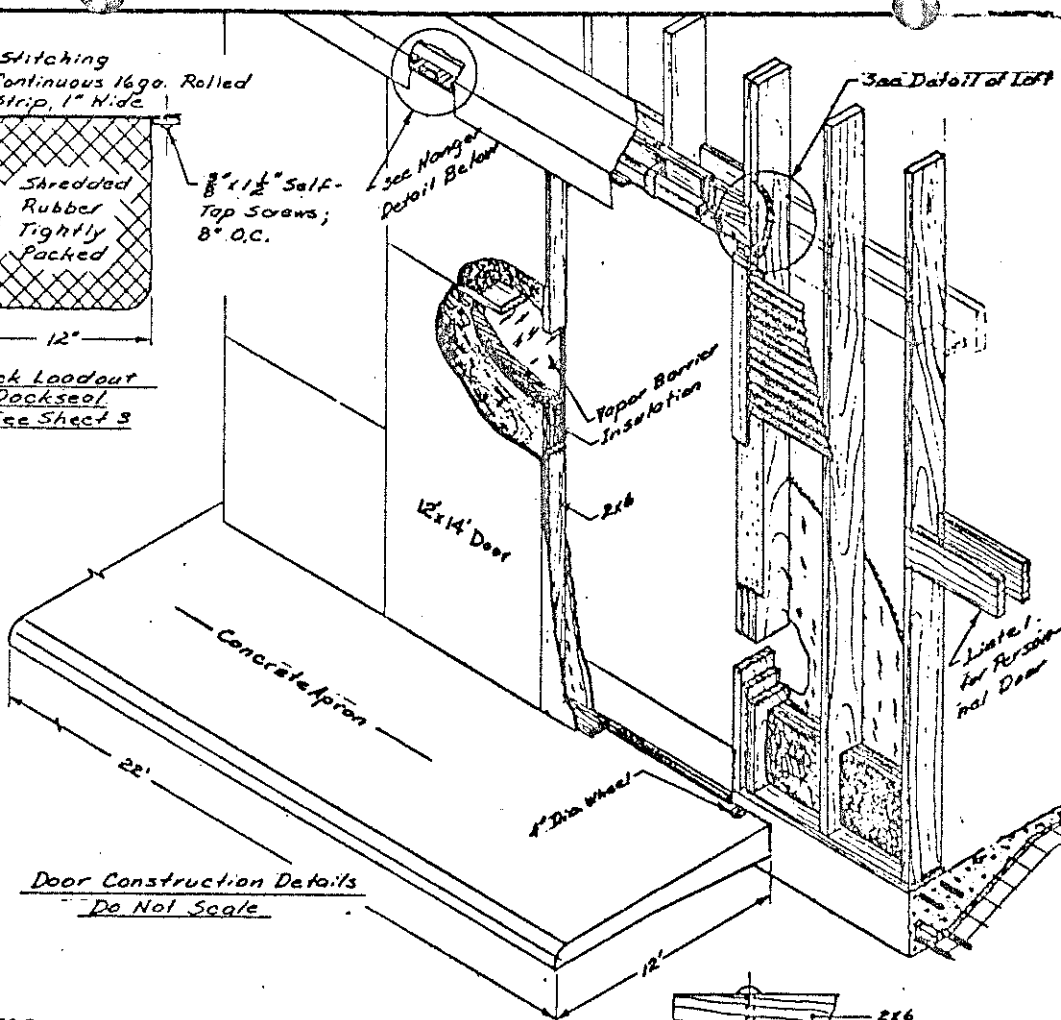
Sill



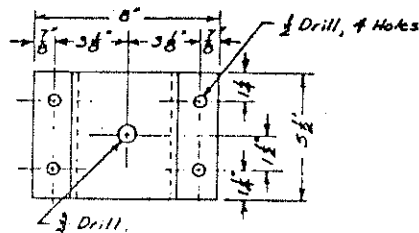
Door Details



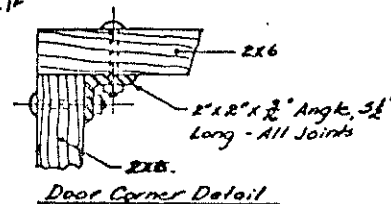
Truck Loadout
Dock Seal
See Sheet 3



Door Construction Details
Do Not Scale



Door Hanger Detail

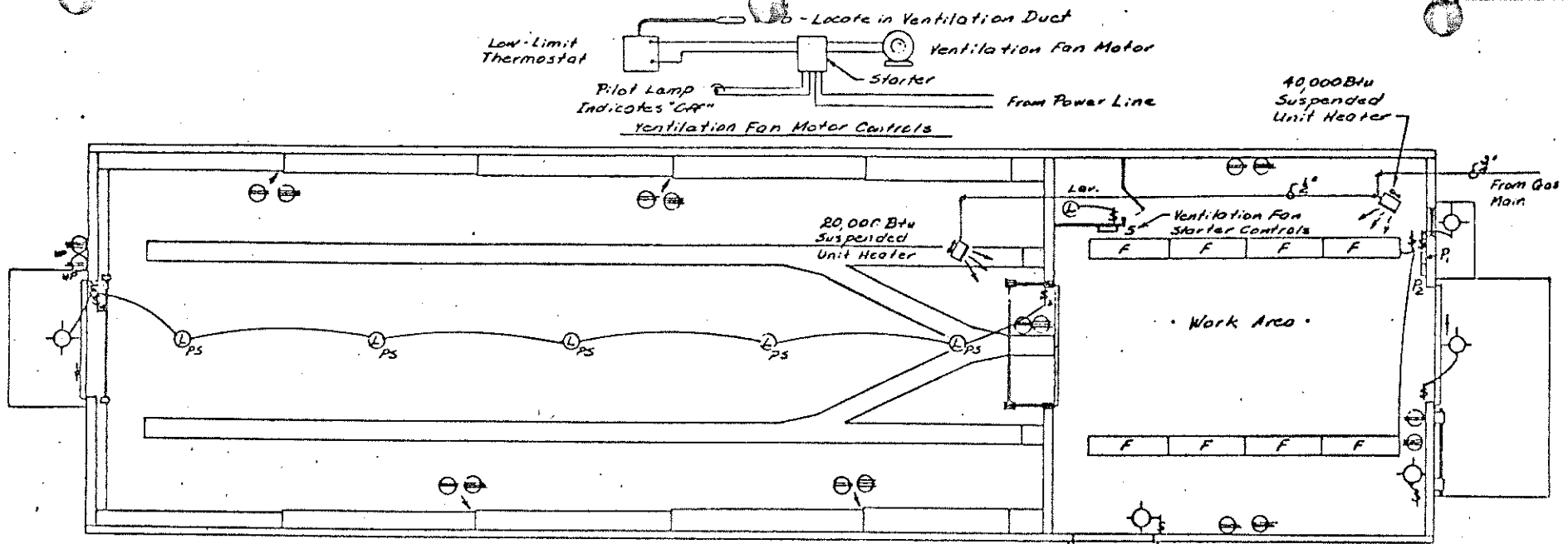


Door Corner Detail

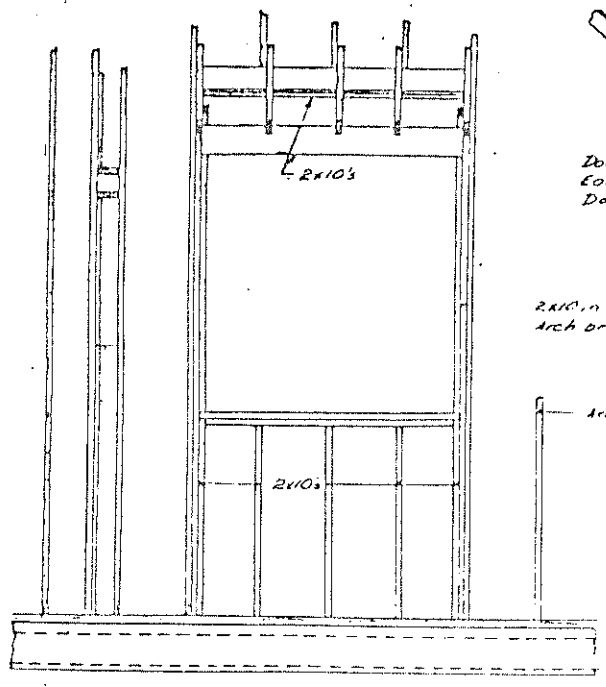
COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATIVE
Potato Storage
20,000 Cal. Arch'd Roof
ARS-TFRD EX. 3989 SHEET 7 OF 8

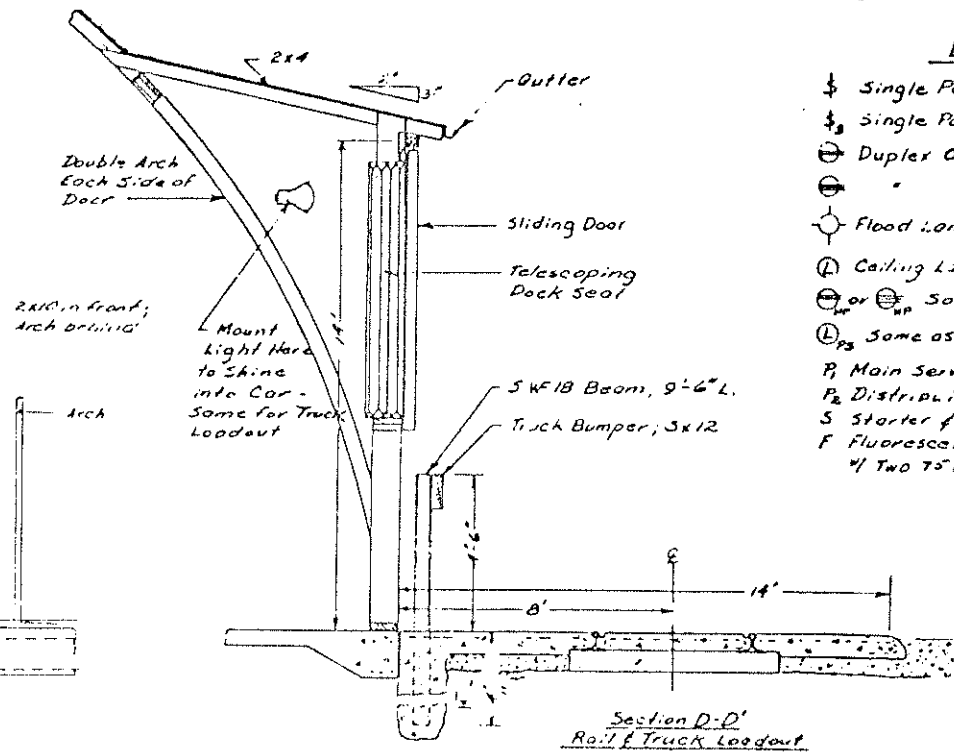
Sliding Door Detail



Layout



Framing Detail
Rail & Truck Loadout



Section D-D'
Rail & Truck Loadout

Legend

- ⌚ Single Pole Switch
- ⌚ Single Pole Switch, 3-way
- ⊕ Duplex Outlet, 110v, 1ϕ, Grounded
- ⊕ " " " 208v, 3ϕ or 230v, 1ϕ, Grounded
- ⊙ Flood Lamp, 1000 W., Waterproof
- ⊙ Ceiling Lamp, 100w., Waterproof
- ⊕ or ⊕_{WP} Some as above Except Waterproof
- ⊙_{PS} Some as above Except 1/2 Pullswitch
- P Main Service Panel
- P_D Distribution Panel
- S Starter of Motor Controls
- F Fluorescent Fixtures, 8' nominal Length
1/2 Two 75 W. Lamps; 16' Mounting Height

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS		
AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING		
Potato Storage 20,000 Cal. Arches & Raft		
ARS-TFRD	EX. 5989	SHEET 8 OF 8
Electrical, Plumbing & M.S.		