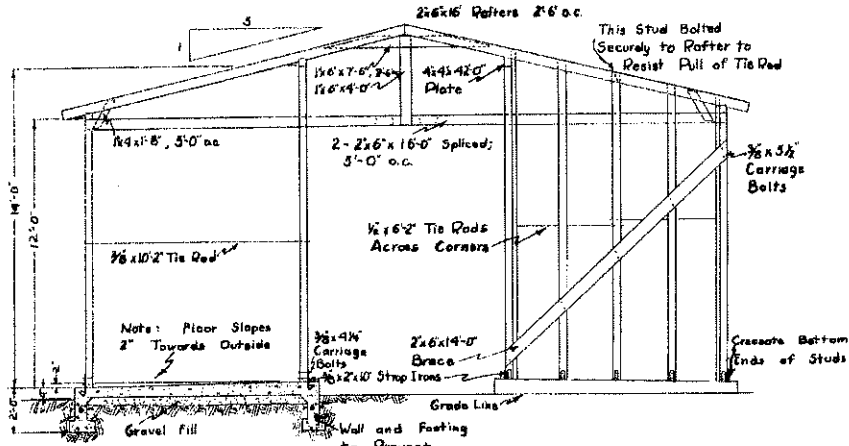


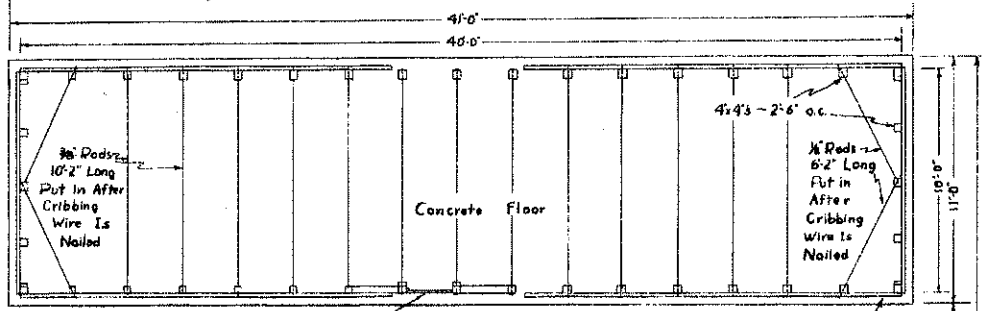
Put Guard of Galvanized Iron Nailed on Outside Over All Studs and Braces - At Least 30 in. High.

SIDE ELEVATION AND FRAMING
SCALE: 1/4"=1'



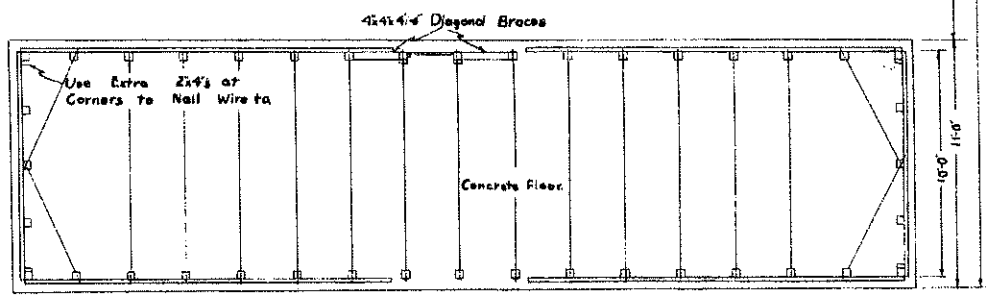
CROSS SECTION
SCALE: 1/4"=1'

This Stud Bolted Securely to Rafter to Resist Pull of Tie Rod



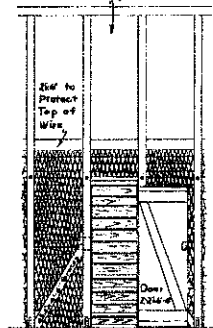
Door with Removable Slats - Doors May Also Be Placed at Corners if More Convenient
Drive Way - Earth Floor
Alternate Placing for Doors - Under Braces

A Gate May Be Placed at Each End of Drive way to Keep Out Stock.

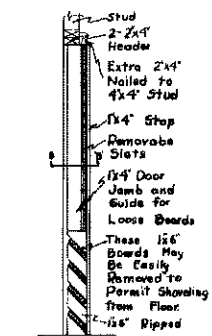


FLOOR PLAN AND SECTION AT 'A'
SCALE: 1/4"=1'

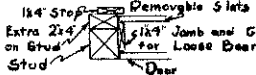
Only Two Widths of Wire Used in Alley so Corn Can Be Thrown Over it When Filling.



ELEVATION OF DOOR IN DRIVEWAY
SCALE: 1/4"=1'



VERTICAL SECTION
SCALE: 1/4"=1'



HORIZONTAL SECTION THROUGH 'B-B'
SCALE: 1/4"=1'

DETAILS OF DOORS

- NOTE: 1. Gates May Be Constructed Across Driveway Openings by Extending Crib Wire Across to One Side and Framing Ends with Straps of Lumber.
2. Additional Capacity Secured by Placing Crib in Driveway.
3. Concrete May Be Placed in Driveway for Feed Storage Grinding, etc.
4. Driveway May Be Used for Implement Storage.
5. Necessary to Have Foundation Walls with Angled Footing to Prevent Rats Undermining Floor.
6. Sheet Metal Sued Around Entire Structure Necessary to Prevent Rats from Going Thru Wire Cribbing.
7. Create Bottom Ends of Studs for Preservation.
8. Paint Structure Before Putting on Wire to Lengthen Life by Lessening Checking, Warping & Rotting.
9. Additional Boards May Be Placed Above 2x6 Shoveling Bar Giving Extra Capacity.
10. Elevator Openings May Be Placed in Roof and Another Width of Cribbing Wire Used on Driveway Side.

BILL OF MATERIALS

PCS.	SIZE & DESCRIPTION
40	Cu. yds. Pit Run Gravel - Concrete & Fill
100	Bags (10 lbs.) Portland Cement
24	4x4x12 - Studs
46	4x4x14 - Studs
108	Lin. Ft. 4x4 Plates
2	4x4x10 - Braces by Doors
38	2x6x16 - Rafters
28	2x6x16 - Spliced Ties & Shoveling Bars
6	2x6x20 - Corner Braces - Side
4	2x6x14 - Corner Braces - Ends
8	2x4x14 - Addition to Corner Studs
4	2x4x18 - Door Framing
1	2x4x10 - Door Headers
270	Lin. Ft. 1x4 Rafter Ties, Door Slats, etc.
100	Lin. Ft. 1x4 Rafter Ties, Door Guides and Jamb
160	Du. Ft. 1x6 Shiplap - Door & Doors
35	Reds 2x6x8 Cribbing Wire, 4" High.
300	Lin. Ft. 20' 20ga Galv Sheet Metal Post Guard
4	2x6x16 Composition Roofing
50	Sheet Metal Ridge Roll & Finials
80	1/2" Round Wrought Iron Rod
270	Fr. 3/8 Round Wrought Iron Rod
28	2x4x16 Strap Iron Stud Anchors
108	1/2x4x6 Carriage Bolts - Studs
182	1/2x6x6 Carriage Bolts - Braces & Studs
24	1/2x6x6 Carriage Bolts - Corner & Door
4	1/2x7x7 Carriage Bolts - Block Above Door Braces
16	1/2x2x6 Carriage Bolts - Door Braces
12	Nuts & Washers
2	1/2" Nuts & Washers
2	Pr. 6" T Hinges; 2 Door Latches
	Common Nails: 50 lbs. 8d.; 20 lbs. 10d.; 10 lbs. 6d.; 5 lbs. 4d.; 2 lbs. 30d
	Fence Staples: 3 lbs. 1"
	10 Gal. Outside Paint
	1 Gal. Coal Tar Creosote.

Approximate Cost Varying with Quality of Materials Selected.

CAPACITY: 3200 TO 4000 BU. EAR CORN

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH DAKOTA
NORTH DAKOTA AGRICULTURAL COLLEGE AND
U. S. DEPT. OF AGRICULTURE COOPERATING
EXT. AGRL. ENGINEER - FARGO, N. DAK.

CORN CRIB
DRAWN BY A.E.D.
PLAN NO. ND.732-1
TRACED BY L.K. 4/2/34