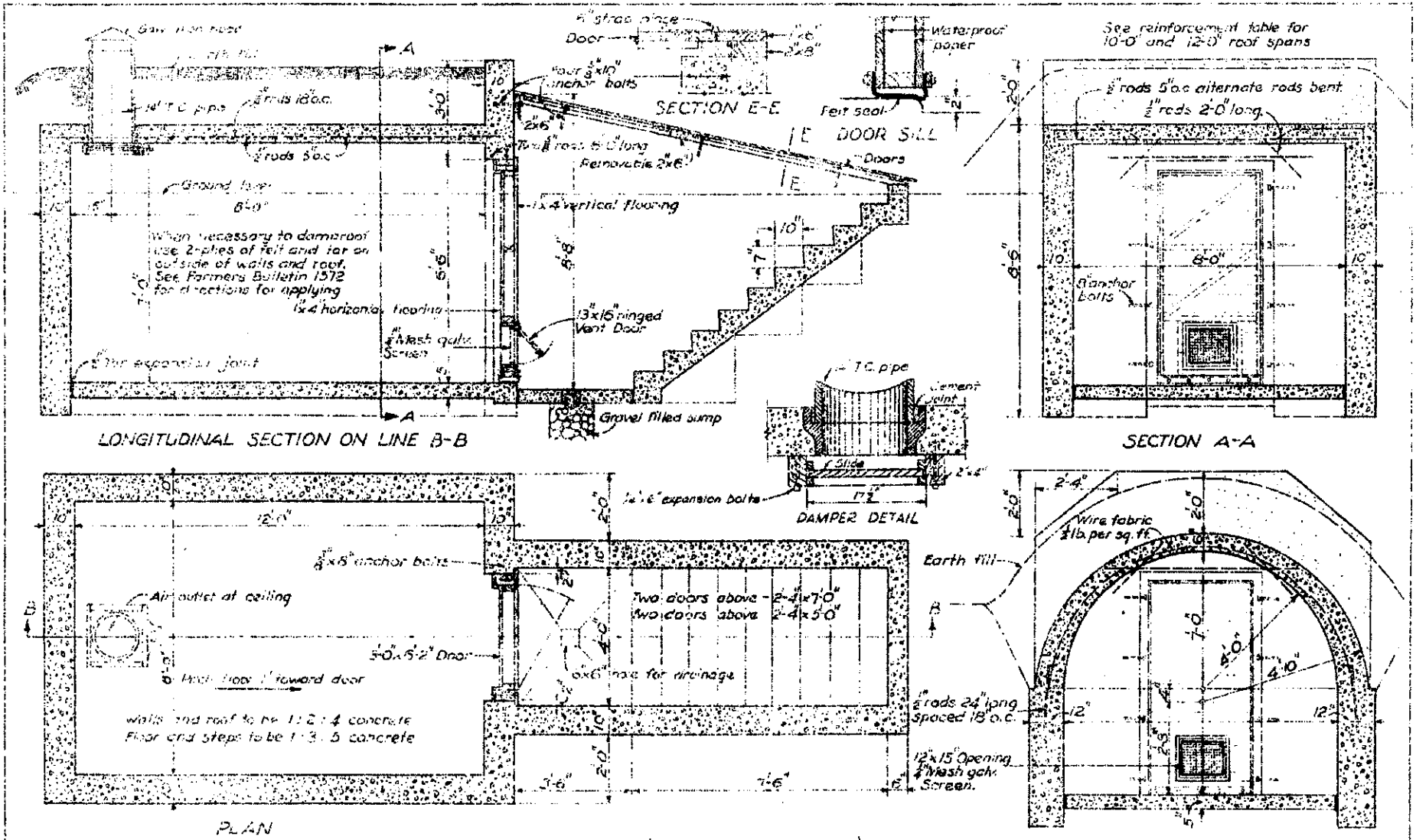

BILL OF MATERIALS (FOR FLAT ROOF ONLY)

- 2-2"x8"x12'-0" plates
- 3-2"x6"x14'-0" door frames
- 3-2"x6"x10'-0" frame & girls
- 2-2"x4"x14'-0" door
- 1-2"x4"x16'-0" frame & braces
- 1-1"x17 1/2"x24" vent slides
- 4-1"x4"x14'-0" casing
- 3-1"x6"x12'-0" casings & battens
- 125 ft. B.M. 1"x4" T.&G. flooring
- 1-5/8"x1 3/4" door seal cover
- 1-13" G.I. vent hood
- 8-5" strap hinges
- 2-4" Tee hinges
- 3-8" Tee hinges
- 10-3/8"x10" anchor bolts
- 8-3/8"x8" anchor bolts
- 4-1/4"x6" expansion bolts
- 3 doz. 1 1/2" wood screws
- 1-12"x15" piece 1/4" mesh galv. screen
- 150 lb. for expansion joint
- 40 sq. ft. waterproof paper
- 4 lb. 8d nails
- 1 length 1/4" T.C. pipe 3'-0" long
- 1 piece 12"x4'-0" felt door seal

Form lumber not included.

BEND 1/2" RODS OF FIRST COLUMN AS BELOW									ROOF REINFORCEMENT					LINTEL	CONCRETE		
Span	a	b	c	d	e	f	g	Slab	1/2" bent	1/2" straight	Spacing	3/4" temp.	1/2" straight	1/2" straight	Cement	Sand	Gravel
8'-0"	9'-0"	2'-2 1/2"	4'-0"	5"	3 1/2"	3 1/2"	4"	5 1/2"	14-10'-6" long	14-9'-0" long	5"	6-13'-0" long	4-3'-0" long	2-8'-0" long	118 bags	9 cu. yd.	17 cu. yd.
10'-0"	11'-0"	2'-7 1/2"	5'-0"	6 1/2"	4 1/2"	4 1/2"	5 1/2"	6 1/2"	17-13'-0" long	17-11'-0" long	4 1/2"	8-13'-0" long	4-3'-0" long	2-8'-0" long	130 bags	10 cu. yd.	19 cu. yd.
12'-0"	13'-0"	3'-0"	6'-0"	8 1/2"	6"	6"	3 1/2"	8"	23-15'-0" long	23-13'-0" long	3 1/2"	10-13'-0" long	4-3'-0" long	2-8'-0" long	145 bags	11 cu. yd.	22 cu. yd.

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH DAKOTA
NORTH DAKOTA AGRICULTURAL COLLEGE
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

VEGETABLE CELLAR

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