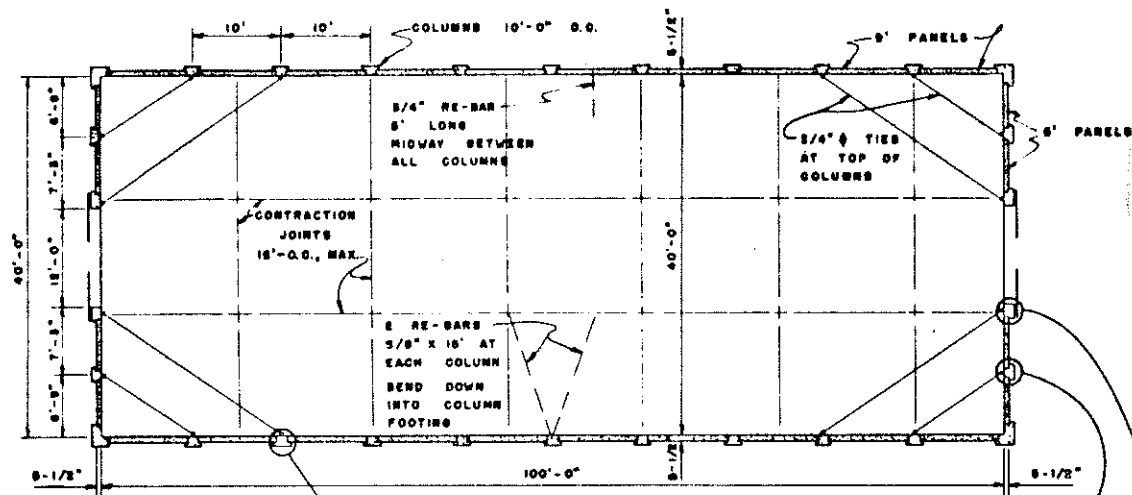
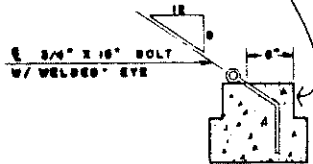


**PERSPECTIVE**

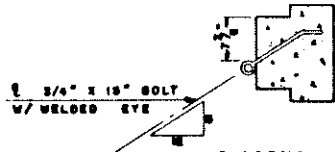
NOTE: OVER-ALL DIMENSIONS SHOWN ARE INSIDE TO INSIDE OF WALLS



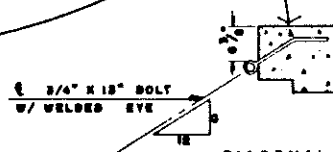
**FLOOR PLAN**



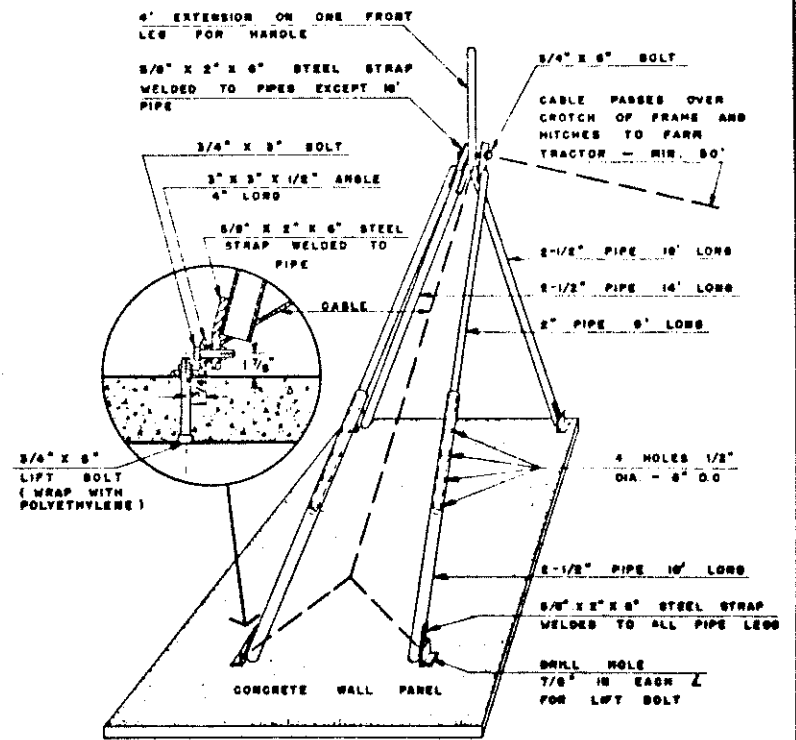
**DIAGONAL TIE**  
SIDE - WALL COLUMN  
PLAGE JUST BELOW  
CROSS TIE SLEEVE



**DIAGONAL TIE**  
END - WALL COLUMN  
PLAGE 3-1/2" FROM TOP



**DIAGONAL TIE**  
DOOR COLUMN  
PLAGE 3-1/2" FROM TOP



**TILTING FRAME**  
USED WITH FARM TRACTOR

**IMPORTANT**

WALL SLABS AND COLUMNS TO BE COMPOSED OF CONCRETE HAVING NOT MORE THAN 6 GAL. TOTAL MIXING WATER PER SACK OF CEMENT.

WALL PANELS MUST HAVE COMPRESSIVE STRENGTH OF 2000 LB/SQ. IN. BEFORE BEING TILTED UP.

THIS REQUIRES CONTINUOUS MOIST CURING FOR A PERIOD OF :

- 4 DAYS AT 70° or 6 DAYS AT 60°
- 8 DAYS AT 50° or 10 DAYS AT 40°

.....IN COOPERATION WITH  
THE PORTLAND CEMENT ASSOC.

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS

AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

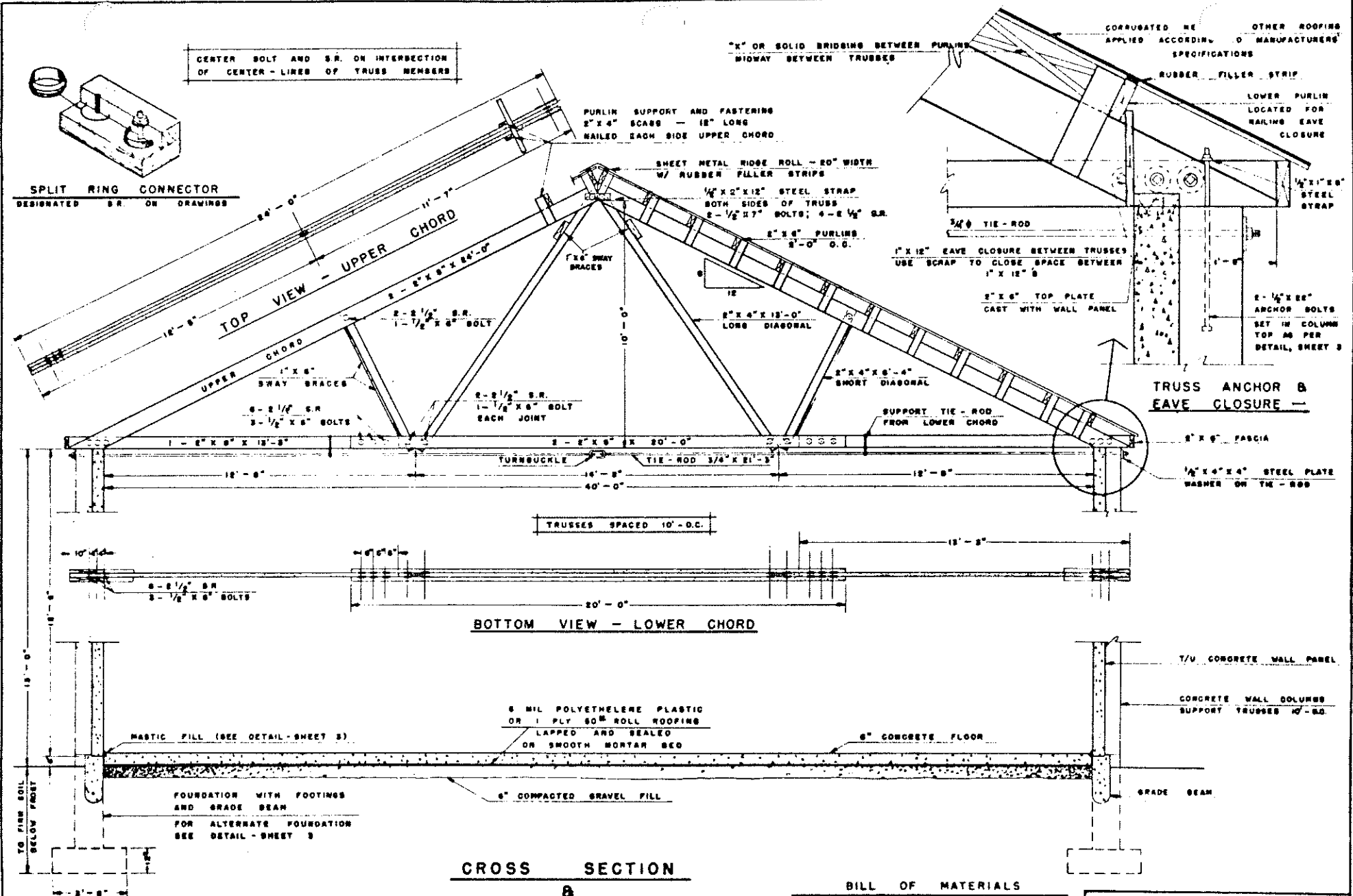
**GRAIN STORAGE BUILDING  
TILT-UP CONCRETE CONSTRUCTION**

NEBR '68 EX. 6059 SHEET 1 OF 8

DESIGNED BY...  
S. M. PETERSEN

E. A. OLSON

NEBR. PLAN NO. 10.732-27  
N.W.P.B. 75265



CROSS SECTION & TRUSS DETAIL

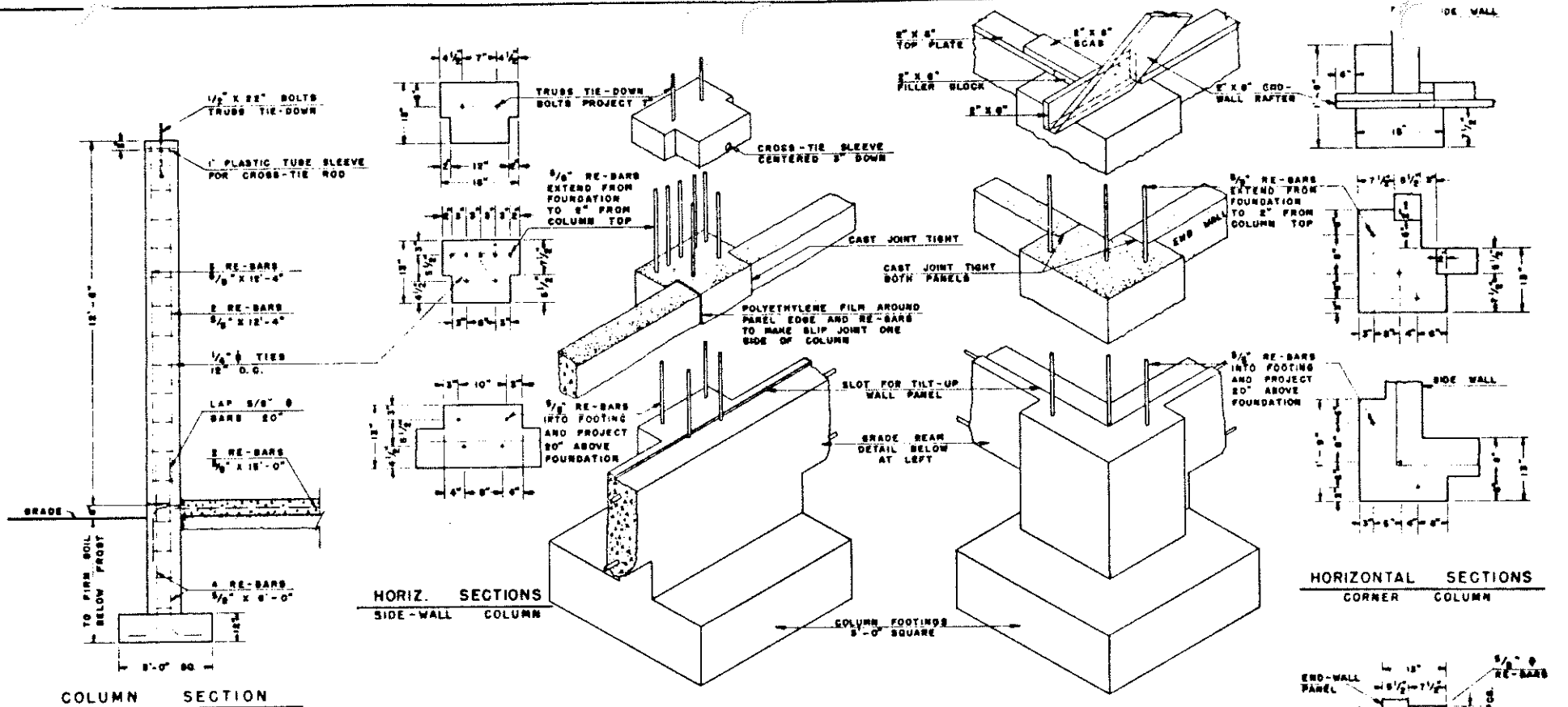
BILL OF MATERIALS			
ITEM	NO.	DESCRIPTION	Lbs
UPPER CHORD	4	2" X 6" X 24'-0"	128
LOWER CHORD	2	2" X 6" X 20'-0"	40
	2	2" X 6" X 14'-0"	28
LONG DIAGONAL	2	2" X 4" X 14'-0"	19 1/2
SHORT DIAGONAL	1	2" X 4" X 10'-0"	9 1/2
SPLIT RINGS	40	2 1/2"	
BOLTS & WASHERS	18	1/2" X 6"	
	8	1/2" X 7"	

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

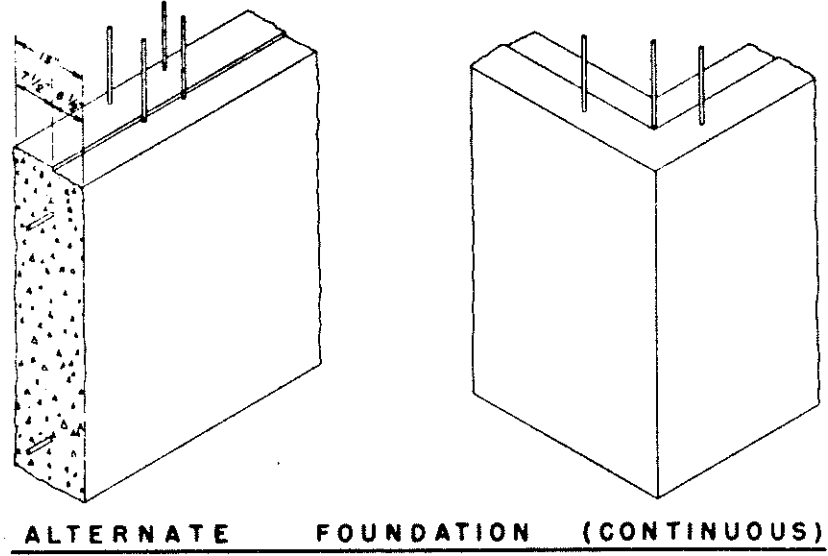
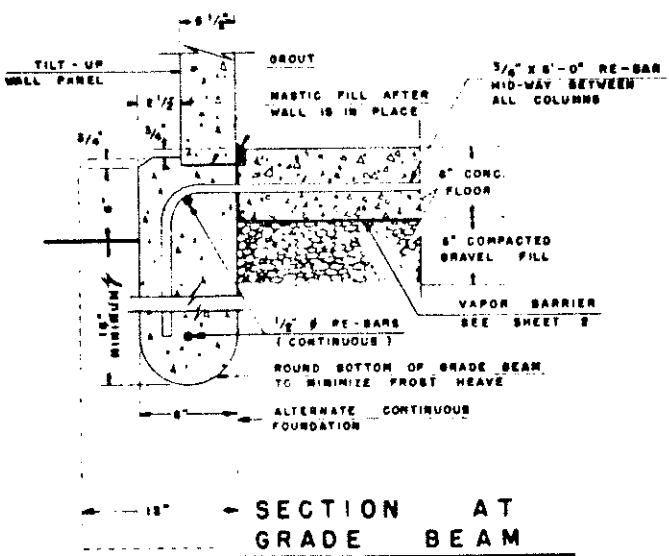
AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**GRAIN STORAGE BUILDING**  
TILT-UP CONCRETE CONSTRUCTION

NEBR 58 EX. 6059 SHEET 2 OF 6



**TYPICAL COLUMN DETAILS**

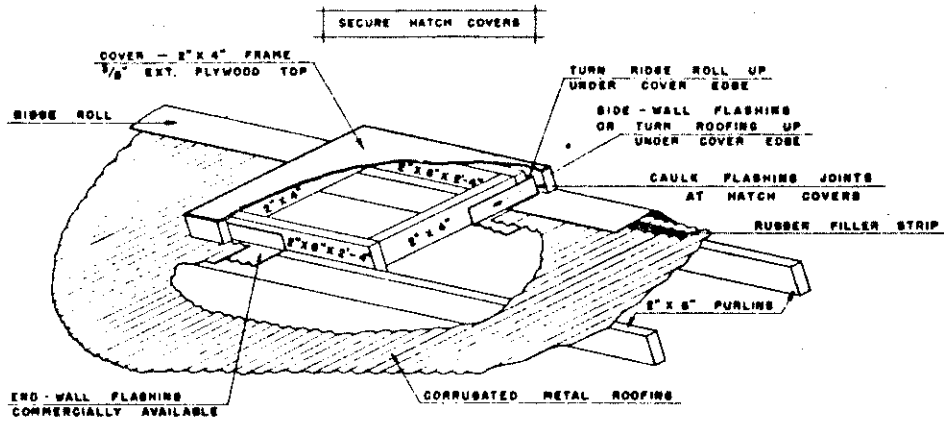


COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

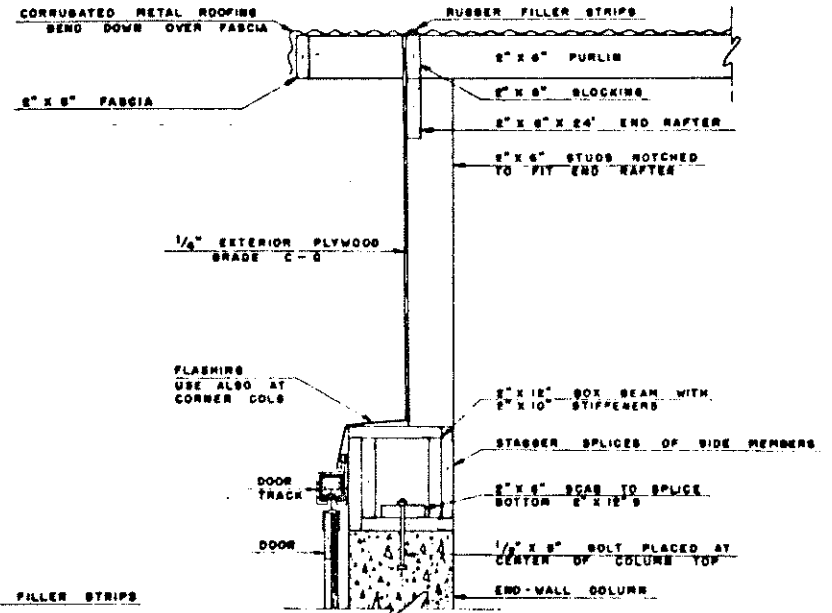
AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**GRAIN STORAGE BUILDING TILT-UP CONCRETE CONSTRUCTION**

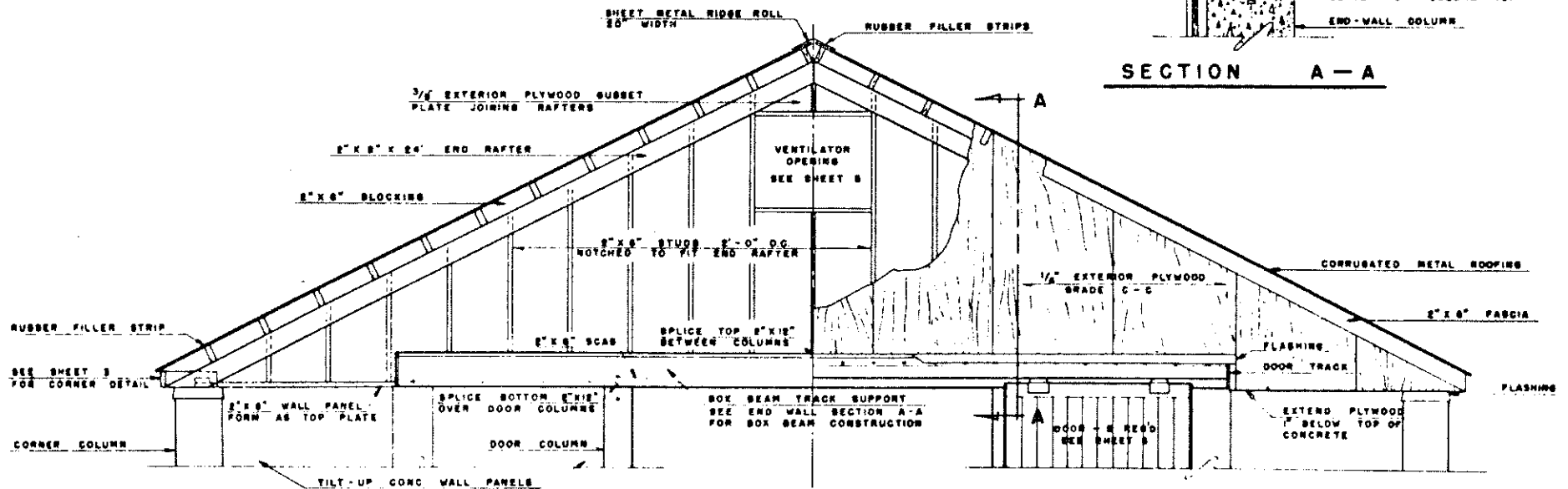
NEBR '60 EX. 6059 SHEET 3 OF 4



**ROOF HATCH DETAIL**



**SECTION A-A**



**END WALL DETAIL**

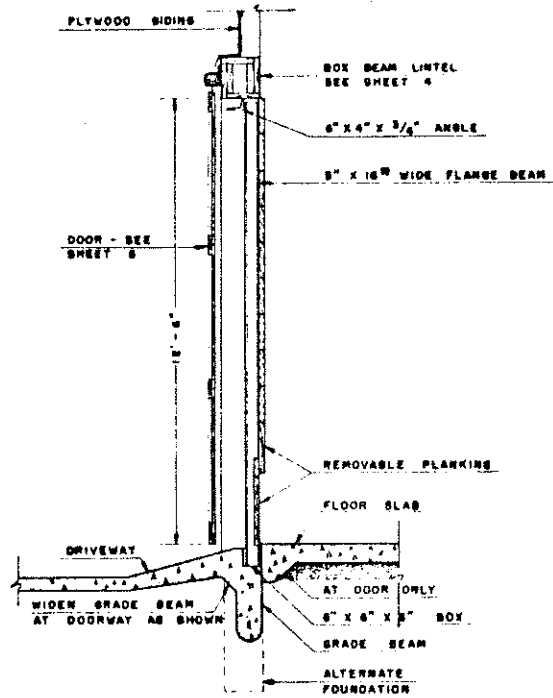
NOTE:  
 ALL DIMENSIONS OF END WALL  
 DETAIL SAME AS TRUSS DIMENSIONS  
 UNLESS OTHERWISE NOTED  
 SCAB TO FASTER PURLIN TO  
 RAFTER NOT REQUIRED AT END WALL

COOPERATIVE EXTENSION WORK IN  
 AGRICULTURE AND HOME ECONOMICS

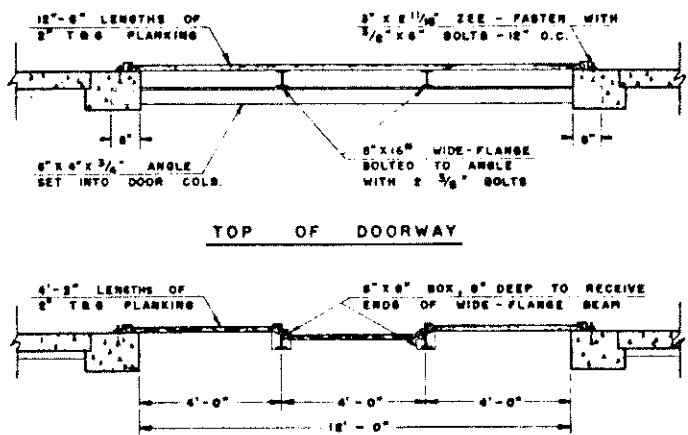
AND  
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

GRAIN STORAGE BUILDING  
 TILT-UP CONCRETE CONSTRUCTION

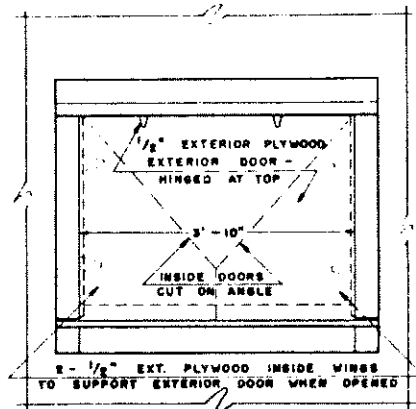
NEBR '68 EX. 6059 SHEET 4 OF 6



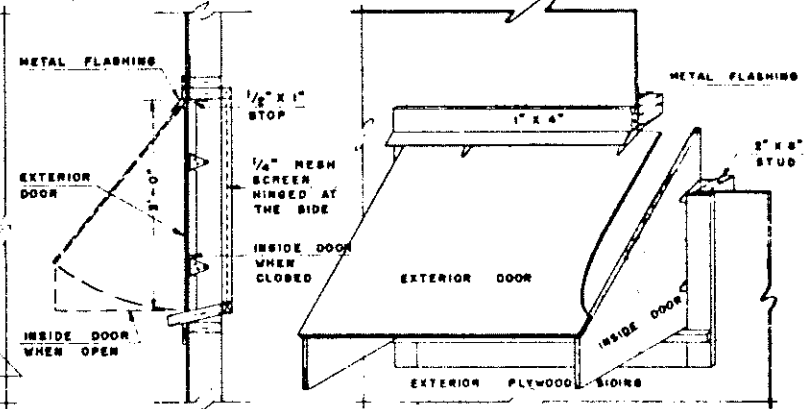
**SECTION AT DOORWAY**



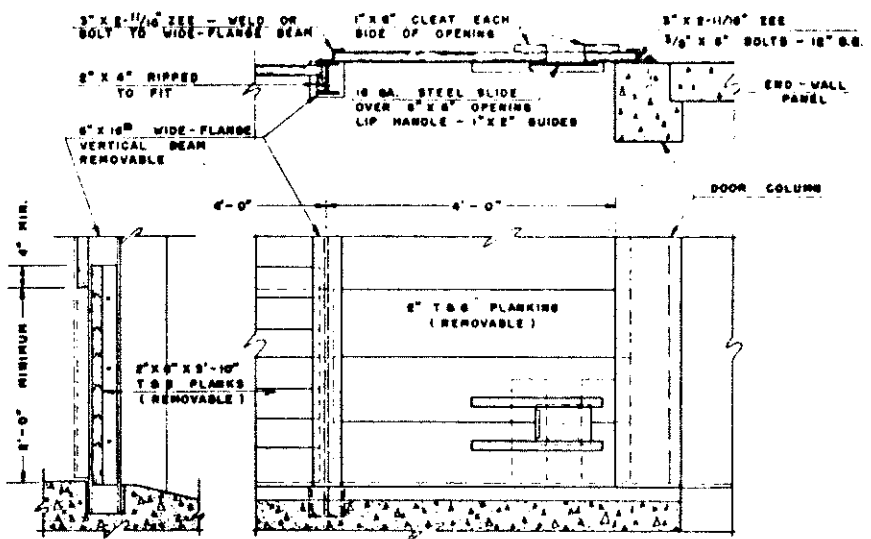
**HORIZONTAL DOORWAY SECTIONS**



HOOKS ON EXTERIOR DOOR TO ENGAGE EYES ON INSIDE WING DOORS

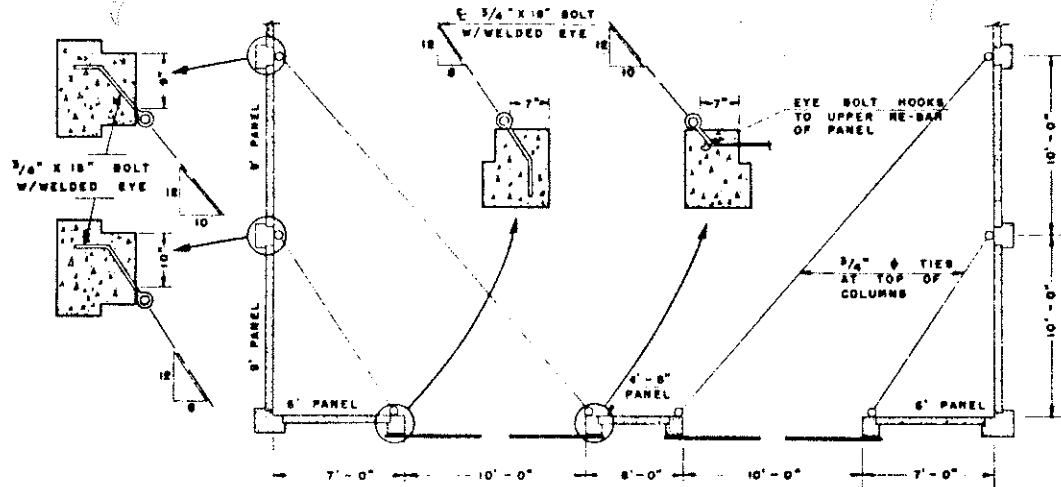


**VENTILATOR DETAILS**

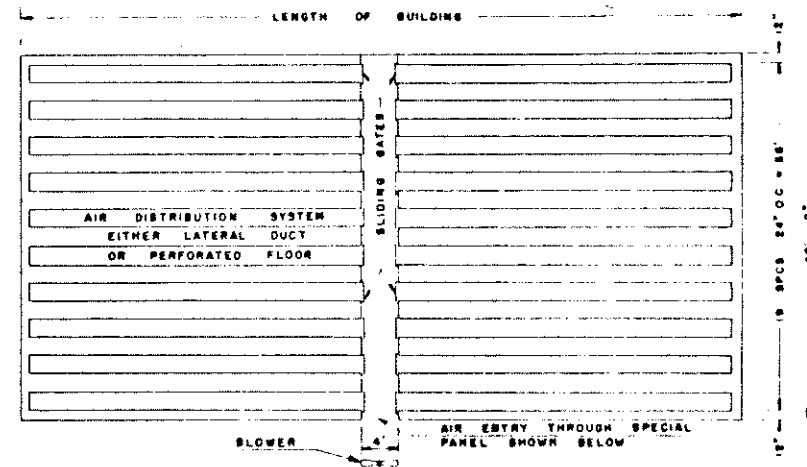


**GRAIN OPENING DETAILS**

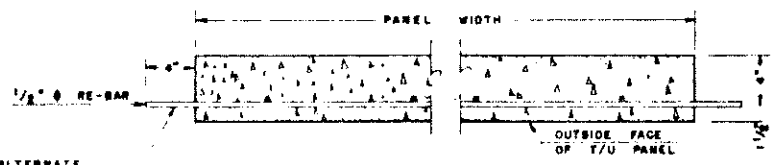
COOPERATIVE EXTENSION WORK IN  
 AGRICULTURE AND HOME ECONOMICS  
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 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING  
**GRAIN STORAGE BUILDING**  
 TILT-UP CONCRETE CONSTRUCTION  
 NEBR '68 EX. 6059 SHEET 5 OF 6



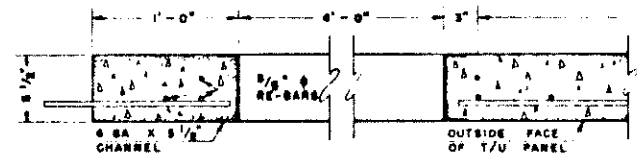
ALTERNATE END-WALL PLAN



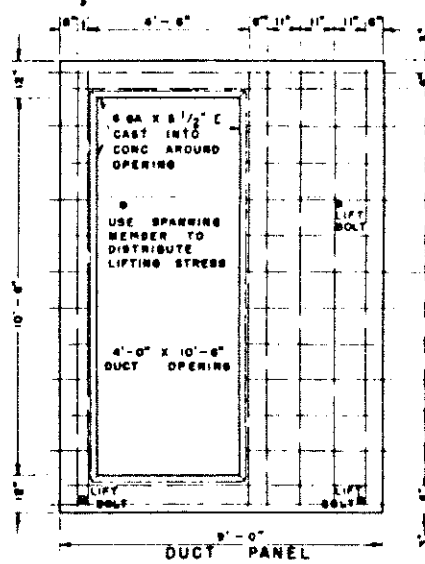
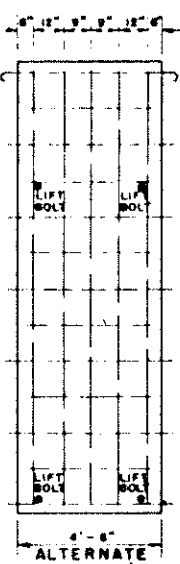
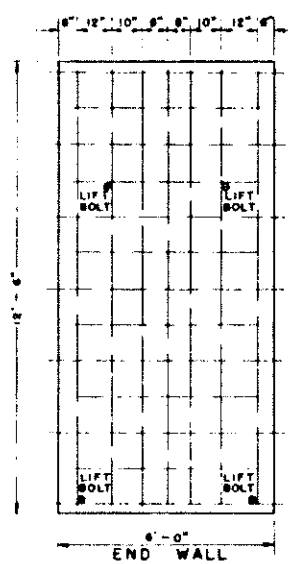
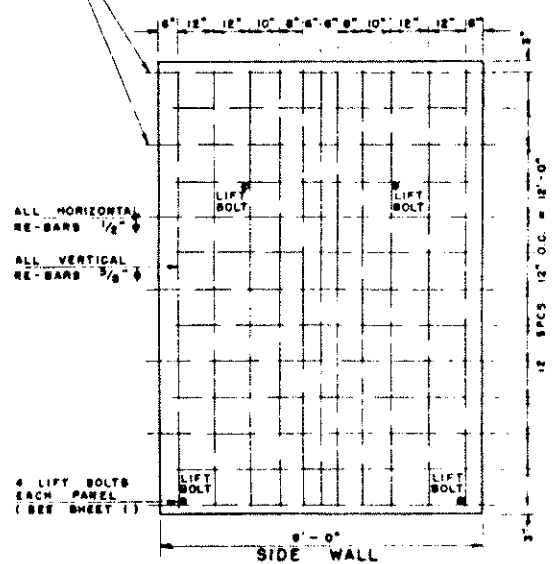
SUGGESTED DRYING SYSTEM



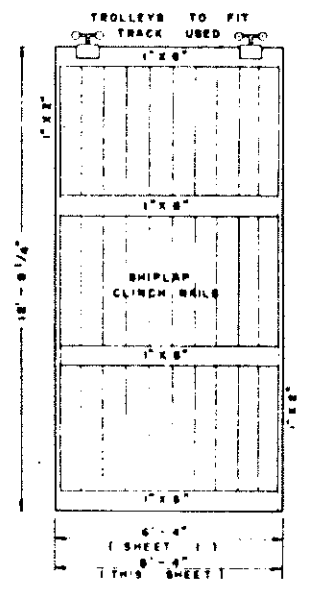
HORIZONTAL SECTION OF WALL PANELS



HORIZONTAL SECTION OF DUCT PANEL



WALL PANEL DETAILS



DOOR DETAILS

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS

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GRAIN STORAGE BUILDING  
TILT-UP CONCRETE CONSTRUCTION

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