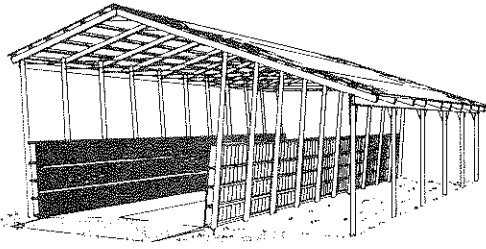
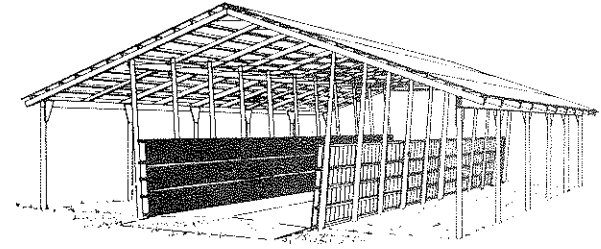


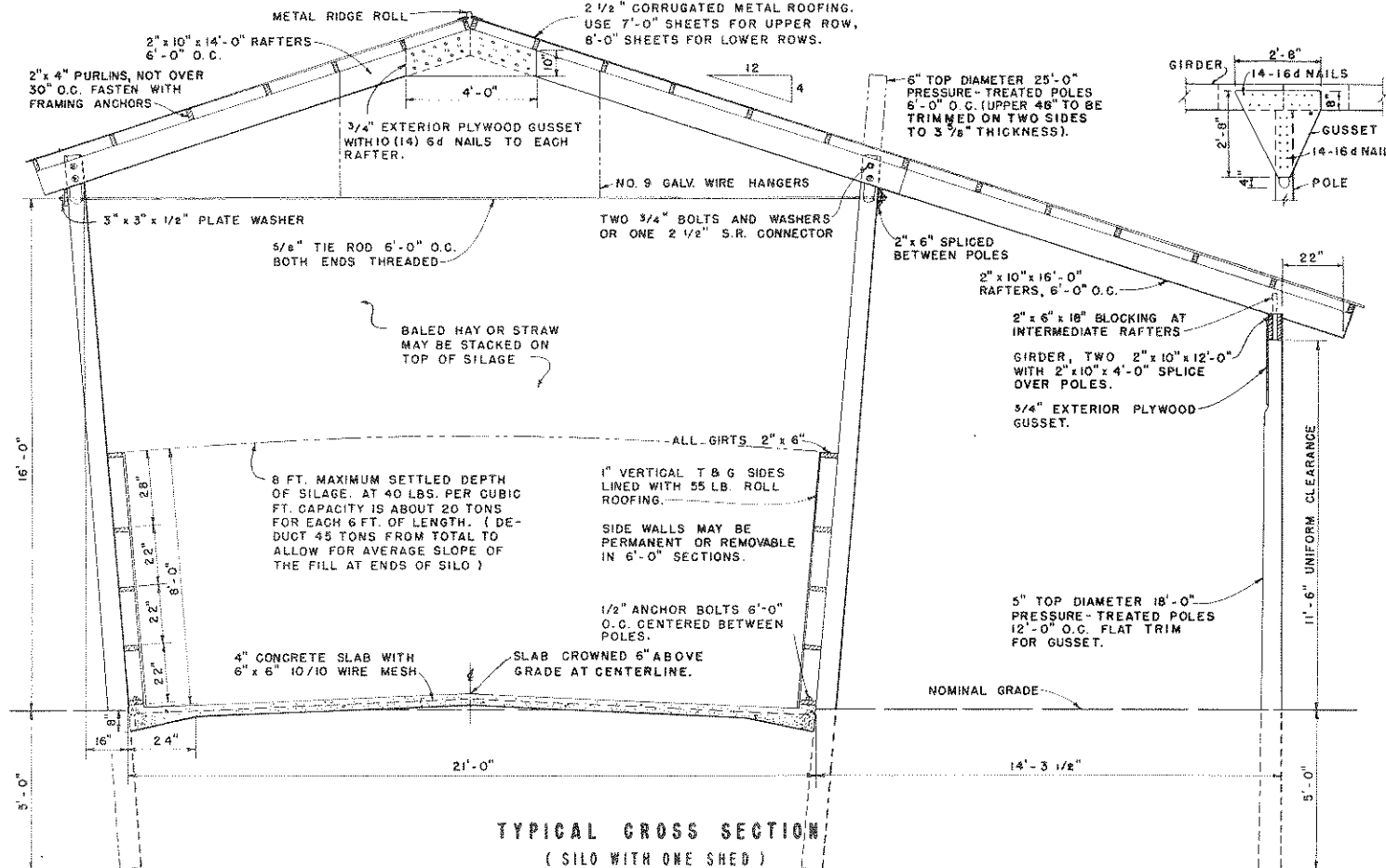
SILO



SILO WITH ONE SHED



SILO WITH TWO SHEDS



**GENERAL NOTES:**

THE SILO MAY BE BUILT IN ANY LENGTH IN UNITS OF 6 FEET. IF SHEDS ARE DESIRED, USE 12 FT. UNITS. CAPACITY OF THE 60 FT. LENGTH SHOWN ON THE PLAN IS ABOUT 155 TONS.

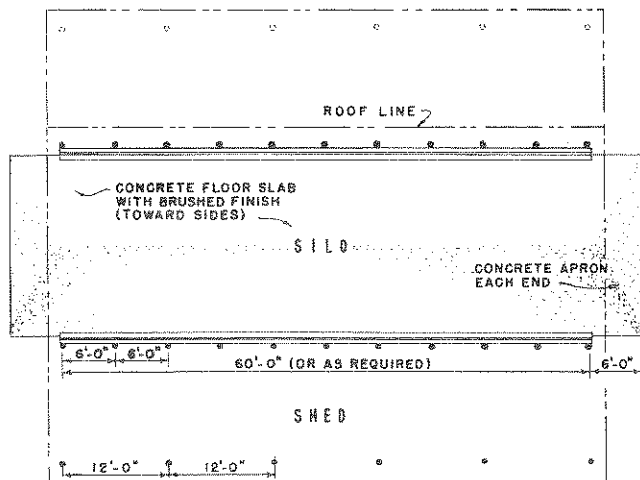
THE ROOF STRUCTURE IS DESIGNED FOR AREAS WHERE SNOW LOADS DO NOT EXCEED 20 LBS. PER SQ. FT. IF SNOW LOADS UP TO 30 LBS. MAY BE EXPECTED, SUBSTITUTE 2" x 12" FOR THE 2" x 10" MEMBERS SHOWN AND NAIL THE RIDGE GUSSET TO EACH RAFTER WITH 14 NAILS.

ALL POLES, GIRTS AND T & G WALL SHEATHING SHOULD BE PRESSURE-TREATED WITH PRESERVATIVE TO 8 LBS. PER CUBIC FOOT RETENTION.

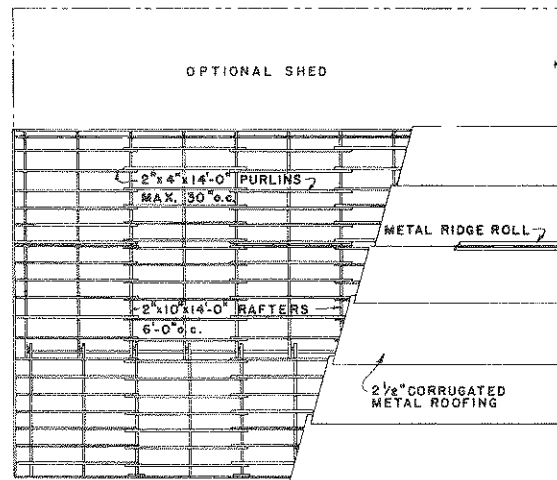
FOR SELF-FEEDING, WITH FREE ACCESS, A SILO WIDTH OF 3" TO 6" PER HEAD IS REQUIRED.

AT LEAST A 4" SLICE SHOULD BE CONSUMED PER DAY TO MINIMIZE SPOILAGE.

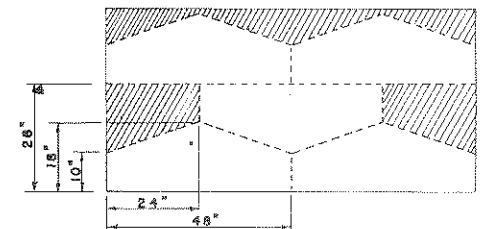
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS		
SOUTH DAKOTA STATE UNIVERSITY SIO FALLS, S.D. 57158		
UNITED STATES DEPARTMENT OF AGRICULTURE		
<b>BUNKER SILO</b>		
TYPE "O"		
USDA, '58	EX. 5848	SHEET 1 OF 2



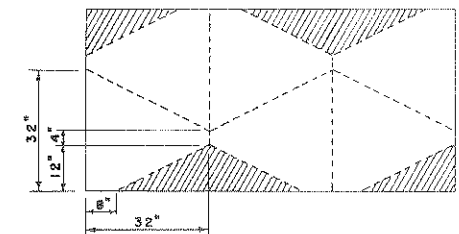
PLAN  
SCALE: 3/32" = 1'-0"



ROOF PLAN  
METAL ROOFING CUT-AWAY TO SHOW FRAMING  
SCALE: 3/32" = 1'-0"

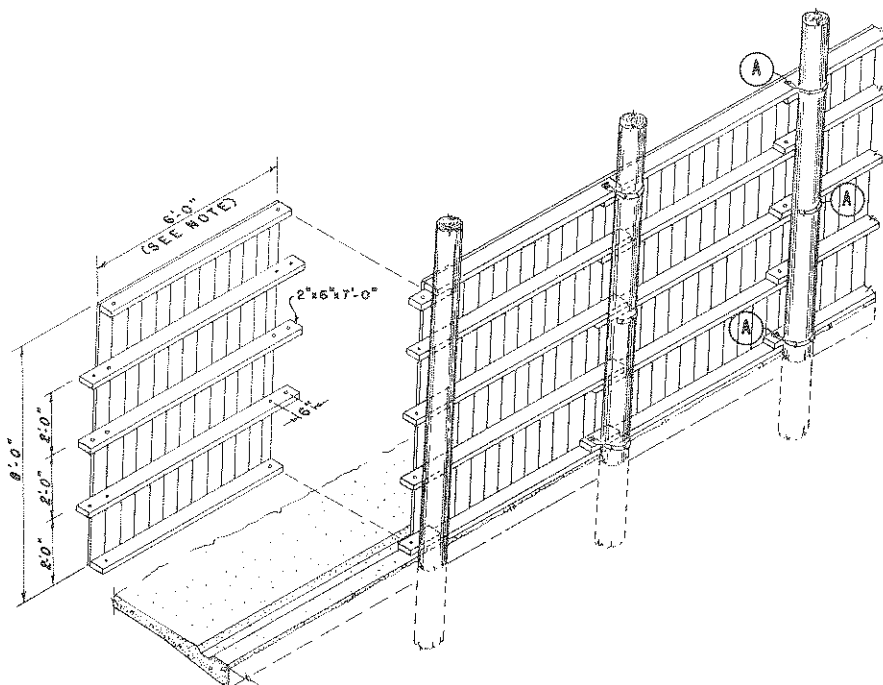


RIDGE GUSSETS  
(FOR SILO)



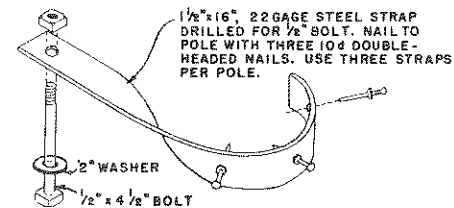
POLE - TO - GIRDER GUSSETS  
(FOR SHEDS)

CUTTING DIAGRAMS  
USE 4' x 8' PANELS OF  
3/4" EXTERIOR GRADE PLYWOOD



REMOVABLE SIDE SECTIONS

ALL SECTIONS ARE IDENTICAL, EXCEPT THOSE FOR THE ENDS. ALTERNATE SECTIONS ARE INVERTED SO GIRTS WILL LAP. BOLT HOLES IN THREE CENTER GIRTS ARE DRILLED



STRAP DETAIL (A)  
FOR FASTENING SIDES TO POLES.  
PERMANENT SIDE ANCHORED IN A  
SIMILAR MANNER.

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF NORTH DAKOTA  
NORTH DAKOTA STATE UNIVERSITY  
1955 BULLETIN AND REPORTS SERVICE  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

BUNKER SILO  
TYPE "D"