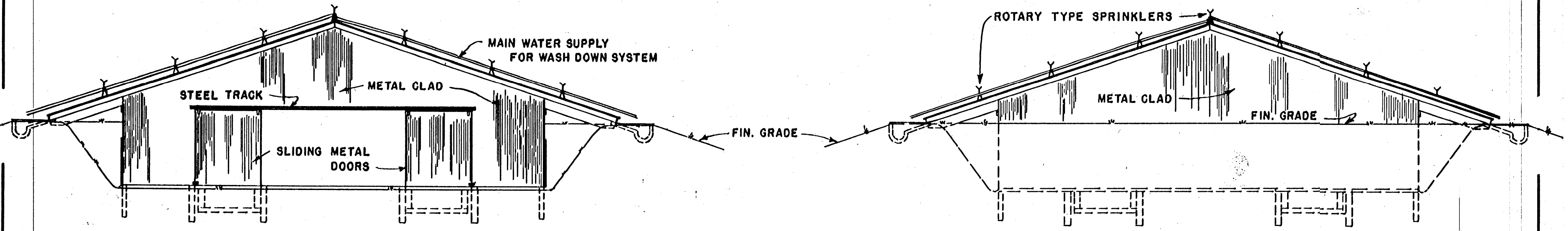


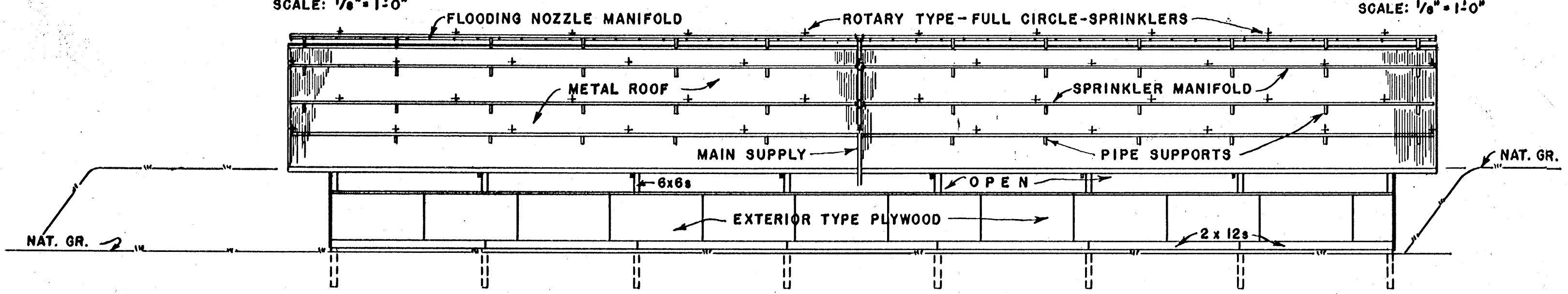
- NOTES:
- LENGTH OF THE BUILDING MAY BE VARIED IN UNITS OF 13 FEET.
  - ALL POLES, SPLASH BOARDS AND OTHER WOOD IN CONTACT WITH THE GROUND OR MANURE TO BE TREATED WITH PRESERVATIVE.
  - ALL LUMBER SHALL BE STRESS GRADED TO PROVIDE 1500 LBS. PER SQUARE INCH FIBER STRESS IN BENDING AND 1200 LBS. PER SQUARE INCH IN COMPRESSION. DESIGNED FOR ROOF LOAD OF 35 LBS. PER SQUARE FOOT.
  - WATER FOR FALLOUT PROTECTION TO EMPTY INTO TANK THROUGH SAND FILTERS AND TO BE RECIRCULATED BY PUMP TO ROOF FOR A COMPLETE WASH-DOWN SYSTEM.
  - SUGGESTED SYSTEM OF MANURE DISPOSAL FROM FLUME:
    - SEPTIC TANK WITH ALTERNATING DISPOSAL FIELDS.
    - PUMP FROM FLUME TO LIQUID DISTRIBUTOR.
    - DISCHARGE TO LAGOON.
  - EQUIP WITH AN ADEQUATE LIGHTNING PROTECTION SYSTEM WHERE NEEDED.

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF MISSISSIPPI  
MISSISSIPPI STATE UNIVERSITY  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING  
**FREE STALL FALLOUT SHELTER**  
FOR DAIRY CATTLE  
USDA '63 EX. 5954 SHEET 1 OF 2

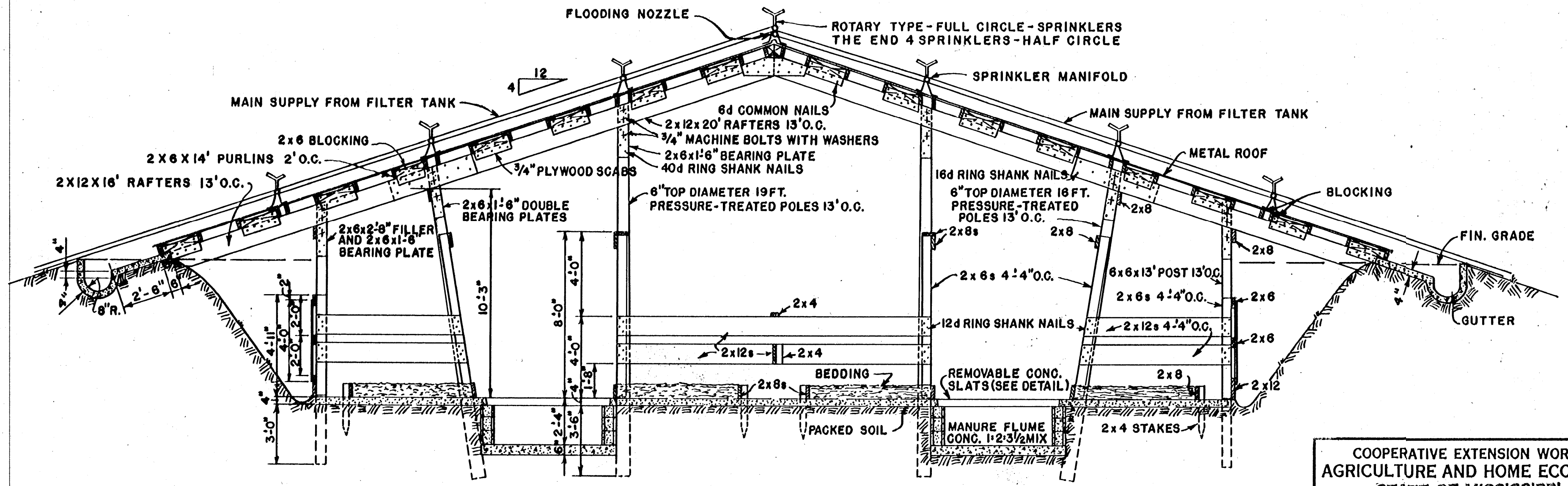


**FRONT ELEVATION**  
SCALE: 1/8" = 1'-0"

**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"



**SIDE ELEVATION**  
SCALE: 1/8" = 1'-0"



**SECTION A-A**  
SCALE: 1/4" = 1'-0"

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**FREE STALL FALLOUT SHELTER**  
 FOR DAIRY CATTLE

USDA '63 EX. **5954** SHEET 2 OF 2

BASED ON OREGON STATE UNIV. PLANS