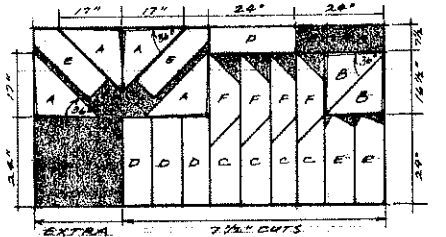
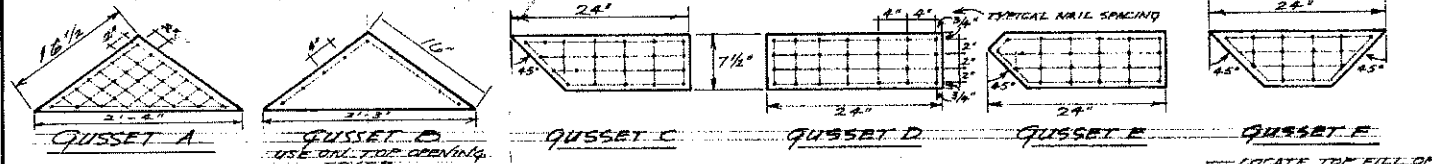
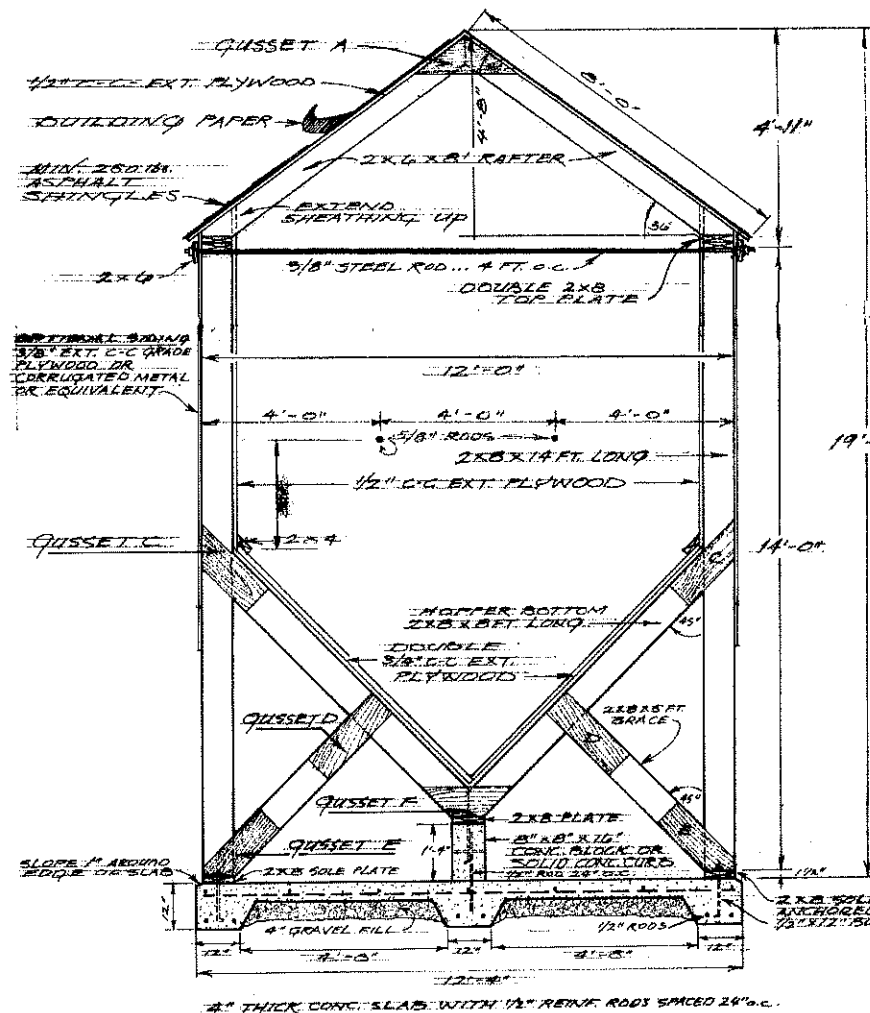


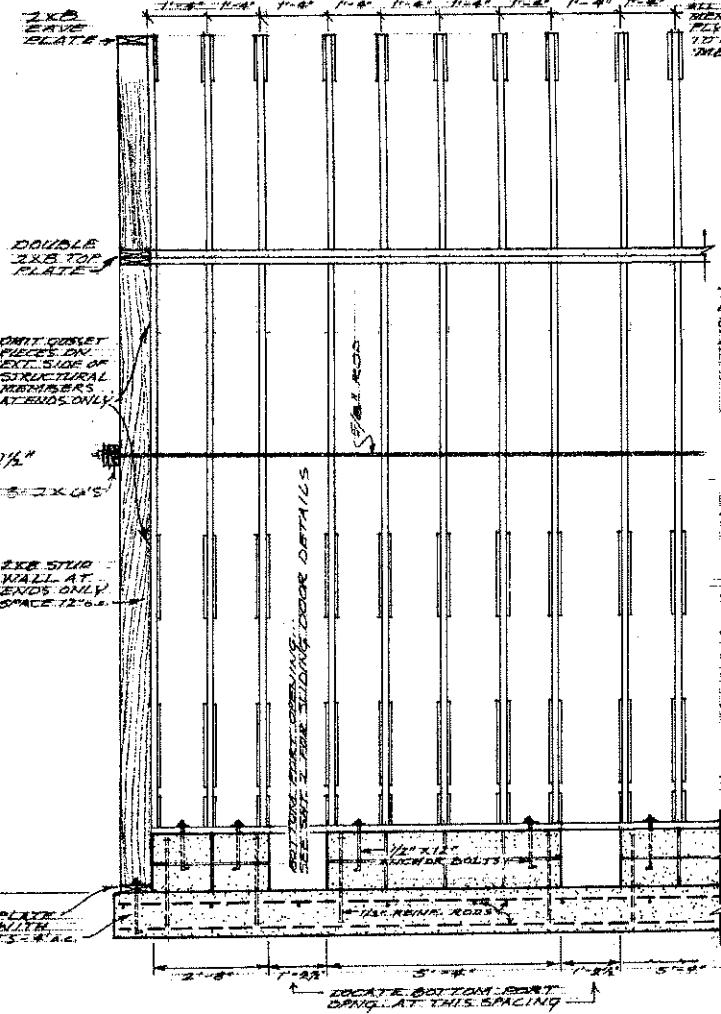
1/2" PLYWOOD GUSSET CUTTING PATTERN (C-C GRADE EXT. PLYWOOD - GLUE WITH RESORCINOL RESIN - NAIL WITH 1 1/2" DIA. NAIL ACCORDING TO DIAGRAM)



EXTRA 7/16" CUTS
NOTE: OTHER ARRANGEMENTS ARE POSSIBLE, THIS DIAGRAM IS INTENDED TO SHOW THAT ALL THE GUSSET PIECES FOR ONE STRUCTURAL MEMBER CAN BE CUT FROM 1 SHEET OF PLYWOOD - EXTRA SPACE SHOULD BE USED TO CUT PIECES FOR NEXT STRUCTURAL MEMBER



END VIEW CROSS SECTION
SCALE: 1/4" = 1'-0"



SIDE VIEW CROSS SECTION
SCALE: 1/4" = 1'-0"

BILL OF MATERIALS
COMPILED FOR 4 FT. LENGTHS OF UNIT

- | AMT | SIZE | USAGE |
|-----|------------|--------------------------------|
| 2 | 2x8x9' | SIDE WALLS STUDS |
| 2 | 2x8x8' | HOPPER BOTTOM FRAMING |
| 2 | 2x8x5' | BRACES |
| 2 | 2x6x8' | RAFTERS |
| 2 | 2x8 | PLATES X LENGTH OF UNIT (EAVE) |
| 2 | 2x8x8' | PLATES FOR END WALLS |
| 2 | 2x8x12' | PLATES FOR END WALLS |
| 2 | 1/2"x8"x8' | C-C PLYWOOD FOR ROOF |
| 2 | 3/8"x8"x8' | C-C PLYWOOD FOR EXT. SIDE WALL |
| 2 | 1/2"x8"x8' | C-C PLYWOOD FOR HOPPER FLOOR |
| 2 | 1/2"x8"x8' | C-C PLYWOOD FOR GUSSETS |
| 2 | 3/8"x8"x8' | C-C PLYWOOD FOR EA. ENDWALL |
- NOTE: NAILS, GLUE, BOLTS NEED TO BE REQUIRED FOR ENTIRE UNIT
- 1. 1/2"x8"x9' REINFR. RODS / 4 FT. LENGTH
 - 2. APPROX. 3/4 CU. YD. OF CONCRETE FOR BASE SLAB ONLY. ADD 1/8 CU. YD. FOR CURB
 - 3. 8"x8"x16" CONCRETE BLKS. FOR CURB
 - 4. 2x8x4' NAILING STRIP X LENGTH OF UNIT
 - 5. 2x8x10' FOR EA. TOP OPENING COVER
 - 6. 2x8x6' FOR EA. SLIDING DOOR FRAME
- NOTE: PLYWOOD SHEATHING ON EXTERIOR WALL SURFACES IS OPTIONAL. USE EXTERIOR GRADES FOR BOTH INTERIOR AND EXTERIOR SURFACES

NOTE: CAPACITY = 3 1/2 TON OF 60 PCF FERTILIZER PER 1 FT. OF LENGTH.

FERTILIZER STORAGE / WOOD STRUCTURE

N.D. PLAN 732-1-3

SCALE: 1/4" = 1'-0"

DRAWN BY: P. CHAPPELLE

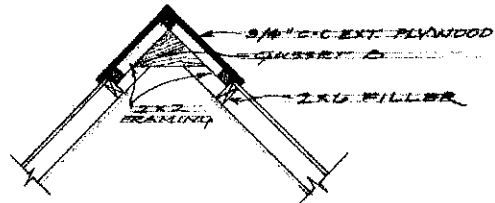
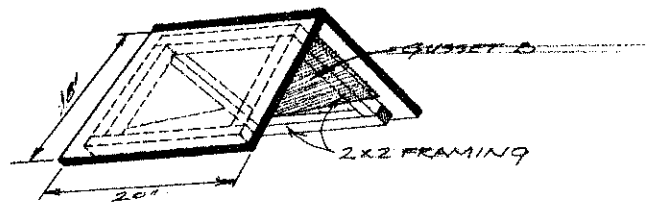
REVIEW: SEPT. 1974

PREPARED BY: NIOSH EXTENSION AGR. ENGR. DEPT.

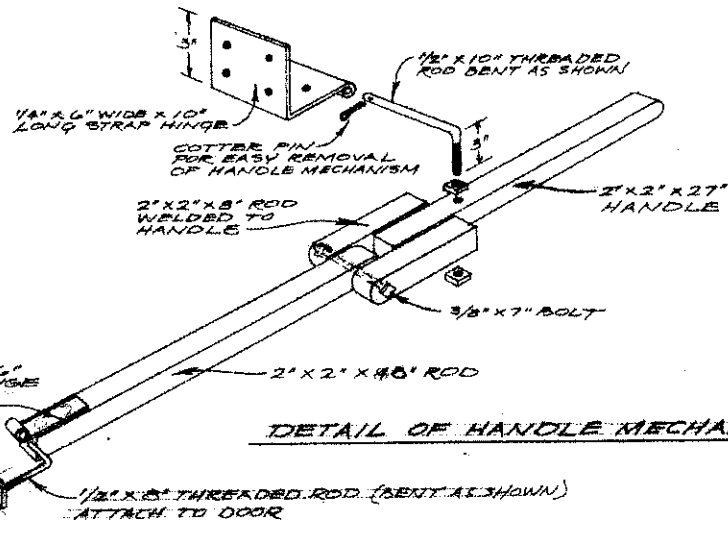
DATE: Nov 1971

APPROVED BY: E. Lundstrom

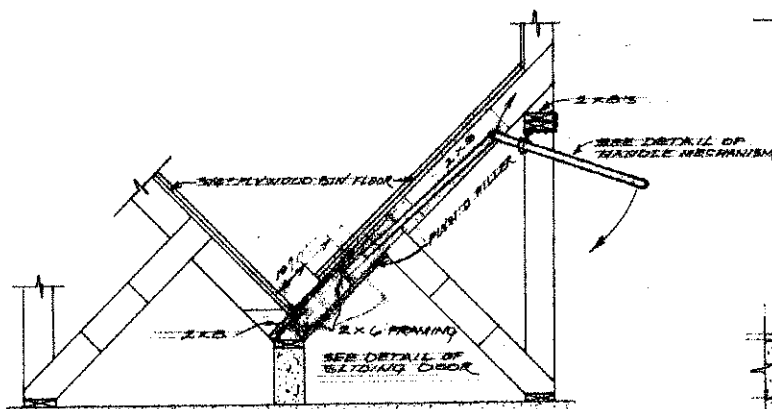
DRAWING NUMBER: 5A1.1 OF 2



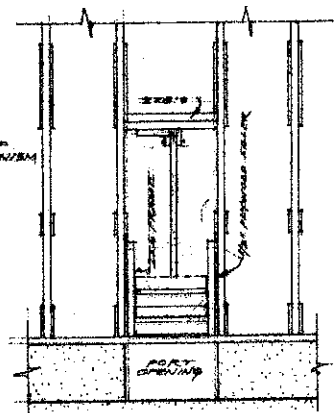
DETAIL OF TOP FILLER OPENING



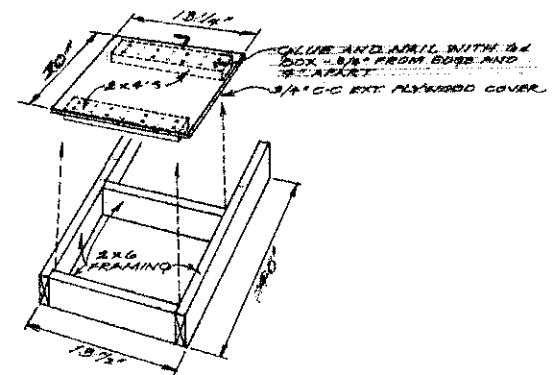
DETAIL OF HANDLE MECHANISM



END VIEW: DOOR AND HANDLE DETAIL



SIDE VIEW



PERSPECTIVE VIEW

SLIDING DOOR AT PORT OPENING

| FERTILIZER STORAGE / WOOD STRUCTURE | | | |
|--|-----------------------------|----------------|------------------------|
| N.D. PLAN 732-1-3 | SCALE | DATE | E.C. WHITE SEPT. 79 |
| PREPARED BY NDSU EXTENSION FOR FARM DEPT. | | | |
| DATE NOV 1979 | DESIGNED BY D. Lundstrom | PROJECT NUMBER | SHT. 2 OF 2 |