

# BILL OF MATERIALS

# USES OF UTILITY SHED

- I. GENERAL**
- ALL JOINTS MAY BE CALLED TO PROVIDE A MORE WEATHER PROOF STRUCTURE.
  - DOORS MAY BE SLIDING OR SWING TYPE.
  - CONCRETE OR WOOD FLOOR SHOWN ON SHEET No. 2
- II. TOOL SHED 8'-0" x 8'-0" (SHOWN ABOVE)**
- III. 4-H BIRD POULTRY HOUSE 8'-0" x 8'-0"**
- USE 2" INSULATION WITH VAPOR BARRIER IN WALLS & CEILING.
  - INTERIOR FINISH SHOULD BE A DENSE, EASILY CLEANED MATERIAL.
  - USF HOPPER TYPE WINDOWS FOR VENTILATION.
  - PROVIDE SCREENS FOR DOORS & WINDOWS. (1" MESH DESIRED)
- IV. HORSE STALL OR SHEEP PEN 8'-0" x 16'-0"**
- STALL AREA INTERIOR, FINISHED WITH  $\frac{1}{2}$ " PLYWOOD
  - PLANK FLOOR RECOMMENDED.
- V. SHOP**

**NOTE**  
BATTENS, RAFTER TRIM, SOFFITS, & FACIAS TO BE CUT FROM 1 SHEET OF  $\frac{3}{8}$ " x 4'-0" x 8'-0" EXTERIOR PLYWOOD & WASTE FROM THE SOING USED ON THE SIDE & REAR PANELS

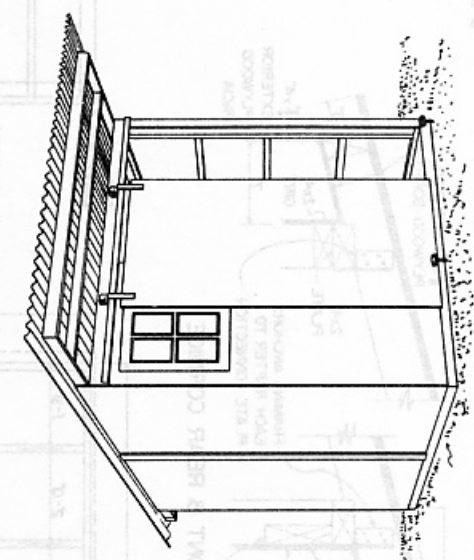
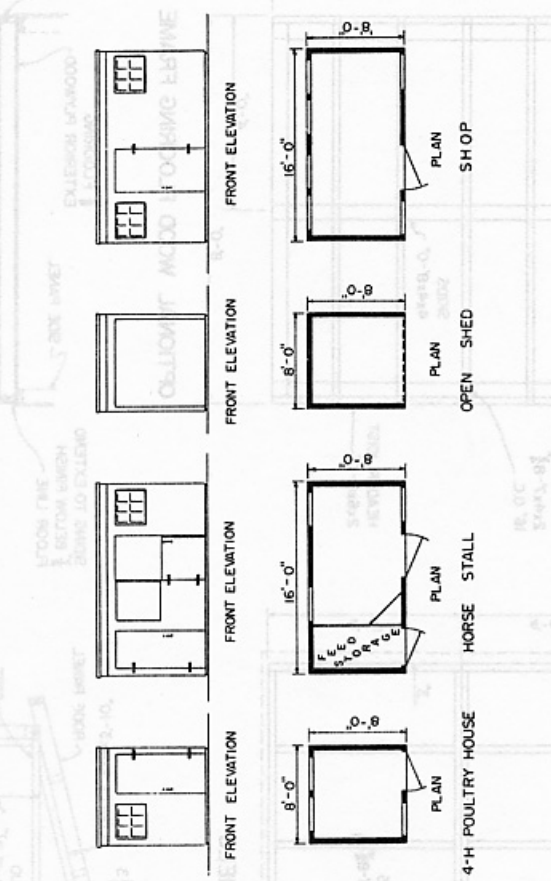
# PCS. SIZE

# AMOUNT

| ITEM                       | PCS. | SIZE                            | AMOUNT               |
|----------------------------|------|---------------------------------|----------------------|
| CONCRETE FLOOR             | 1    | 8'-0" x 8'-0" x 4"              | 1 CU. YD             |
| CONCRETE                   | 14   | $\frac{3}{8}$ " x 6"            | 14 EA.               |
| ANCHOR BOLTS               |      |                                 |                      |
| OPTIONAL WOOD FLOOR        |      |                                 |                      |
| JOISTS                     | 5    | 2x4x8'-0"                       | 27 F.B.M             |
| JOIST HEADER               | 2    | 2x6x8'-0"                       | 16 F.B.M             |
| END JOIST & SKIDS          | 5    | 4x4x8'-0"                       | 54 F.B.M             |
| FLOORING, EXTERIOR PLYWOOD | 2    | $\frac{3}{8}$ " x 4'-0" x 8'-0" | 2 SHEETS             |
| EYE BOLTS                  | 2    | $\frac{3}{8}$ " x 6"            | 2 EA.                |
| NAILS, COMMON              | 16d  |                                 | 1 $\frac{3}{4}$ LBS. |
| NAILS, GALVANIZED          | 6d   |                                 | $\frac{3}{4}$ LB.    |
| 2 REAR PANELS              |      |                                 |                      |
| STUDS                      | 4    | 2x4x6'-0"                       | 16 F.B.M             |
| SILL, GIRTS, & PLATE       | 10   | 2x4x4'-0"                       | 27 F.B.M             |
| SASH BLOCKING              | 2    | 2x4x2'-0"                       | 2 F.B.M              |
| SIDING, EXTERIOR PLYWOOD   | 2    | $\frac{3}{8}$ " x 4'-0" x 8'-0" | 2 SHEETS             |
| BATTEN, EXTERIOR PLYWOOD   | 1    | $\frac{3}{8}$ " x 3'-6"         | 1 STRIP              |
| WINDOW                     | 1    | 1'-8" x 3'-0"                   | 1 EA.                |
| NAILS, COMMON              | 16d  |                                 | 1 $\frac{1}{4}$ LBS. |
| NAILS, GALVANIZED          | 6d   |                                 | $\frac{3}{4}$ LB.    |

| ITEM                      | PCS. | SIZE                            | AMOUNT               |
|---------------------------|------|---------------------------------|----------------------|
| 4 SIDE PANELS             |      |                                 |                      |
| GIRTS & SILL              | 10   | 2x4x4'-0"                       | 27 F.B.M.            |
| FRONT & CENTER STUDS      | 6    | 2x4x8'-0"                       | 32 F.B.M.            |
| REAR STUDS                | 2    | 2x4x6'-0"                       | 8 F.B.M.             |
| SOING, EXTERIOR PLYWOOD   | 4    | $\frac{3}{8}$ " x 4'-0" x 8'-0" | 4 SHEETS             |
| BATTENS, EXTERIOR PLYWOOD | 2    | $\frac{3}{8}$ " x 3'-6"         | 2 STRIPS             |
| RAFTER TRIM, FRONT        | 2    | $\frac{3}{8}$ " x 4'-2"         | 2 STRIPS             |
| RAFTER TRIM, REAR         | 2    | $\frac{3}{8}$ " x 4'-8"         | 2 STRIPS             |
| RAILS, COMMON             | 16d  |                                 | 2 $\frac{1}{2}$ LBS. |
| RAILS, GALVANIZED         | 6d   |                                 | 2 LBS.               |
| 1 FRONT PANEL             |      |                                 |                      |
| STUDS                     | 3    | 2x4x8'-0"                       | 16 F.B.M             |
| SILL, GIRTS, & PLATE      | 5    | 2x4x4'-0"                       | 14 F.B.M.            |
| HEADER                    | 1    | 2x6x4'-0"                       | 4 F.B.M.             |
| SASH BLOCKING             | 1    | 2x4x4'-0"                       | 3 F.B.M.             |
| SIDING, EXTERIOR PLYWOOD  | 1    | $\frac{3}{8}$ " x 4'-0" x 8'-0" | 1 SHEET              |
| WINDOW                    | 1    | 2'-5" x 3'-0"                   | 1 EA.                |
| NAILS, COMMON             | 16d  |                                 | 1 LB.                |
| NAILS, GALVANIZED         | 6d   |                                 | $\frac{1}{2}$ LB.    |

| ITEM                         | PCS. | SIZE                            | AMOUNT                          |
|------------------------------|------|---------------------------------|---------------------------------|
| 1 FRONT PANEL - SLIDING DOOR |      |                                 |                                 |
| STUDS                        | 3    | 2x4x8'-0"                       | 16 F.B.M                        |
| PLATE                        | 1    | 2x4x4'-0"                       | 3 F.B.M.                        |
| HEADER                       | 1    | 2x6x4'-0"                       | 4 F.B.M.                        |
| SIDING, EXTERIOR PLYWOOD     | 1    | $\frac{3}{8}$ " x 4'-0"         | 1 STRIP                         |
| DOOR, EXTERIOR PLYWOOD       | 1    | $\frac{3}{8}$ " x 2'-7"-5"      | 1 STRIP                         |
| SLIDING DOOR TRACK           | 1    | $\frac{3}{8}$ " x 5'-7"-5"      | 1 STRIP                         |
| SLIDING DOOR TROLLEYS        | 1    | $\frac{3}{8}$ " x 7'-4'-0"      | 1 STRIP                         |
| DOOR STAY ROLLERS            | 1    | $\frac{3}{8}$ " x 4'-0" x 8'-0" | 1 SHEET                         |
| NAILS, COMMON                | 2    | 3" DIA WHEEL                    | 2 EA.                           |
| NAILS, GALVANIZED            | 2    | 2" DIA WHEEL                    | 2 EA.                           |
| 2 ROOF PANELS                |      |                                 |                                 |
| RAFTERS                      | 4    | 2x4x12'-0"                      | 32 F.B.M                        |
| GIRTS                        | 14   | 2x4x4'-0"                       | 38 F.B.M.                       |
| FACIA, FRONT                 | 1    | $\frac{3}{8}$ " x 4'-8'-0"      | 1 SHEET                         |
| FACIA, REAR                  | 1    | $\frac{3}{8}$ " x 4'-8'-0"      | $\frac{3}{8}$ " x 4'-0" x 8'-0" |
| SOFFIT, FRONT                | 1    | $\frac{3}{8}$ " x 2'-7" x 8'-0" |                                 |
| SOFFIT, REAR                 | 1    | $\frac{3}{8}$ " x 7'-8'-0"      |                                 |
| NAILS, COMMON                | 16d  |                                 | 1 $\frac{1}{2}$ LBS.            |
| NAILS, GALVANIZED            | 6d   |                                 | $\frac{3}{4}$ LBS.              |
| NAILS, ALUMINUM              | 2    | 2" SCREW SHANK                  | 100 EA.                         |
| ROOFING, ALUMINUM            | 2    | BY CRIMP                        | 2 SHEETS                        |
| FRAMING ANCHORS (4X)         | 4    | .024" x 50" x 12'-0"            | 4 EA.                           |
| FRAMING ANCHORS (4L)         | 4    | 18 GAUGE                        | 4 EA.                           |



# PERSPECTIVE

UNIV. OF CONN. PLAN No. 302

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF TENNESSEE  
UNIVERSITY OF TENNESSEE  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

|              |      |
|--------------|------|
| UTILITY SHED |      |
| CONN. '70    | 6100 |
| SHEET 1 OF 2 |      |

