THE POTTING SHED

CONSTRUCTION DRAWINGS

Corresponds with the garden shed built for Progressive Farmer’s “Idea House & Farmstead,” August 2004 issue, page 42

Topped with a handsome roof and trimmed with custom-cut rafter ends, the Progressive Farmer potting shed is attractive and functional. At 8-feet by 10-feet, it’s designed to keep cutting and cutoffs to a minimum. A 6-foot roof overhang offers shade for working on the handy potting shelf. Two work surfaces have been included inside, and three windows give the shed great air circulation and ample lighting.

PROJECT PLAN INDEX

FOUNDATION / FLOOR PLAN  2
ROOF PLAN  3
SECTION A  4
SECTION B  5
EXTERIOR ELEVATIONS  6-9
DETAILS  10
MATERIAL LIST  11
AFTER REMOVING ALL CLUMPS OF GRASS, ROCKS, ETC. SMOOTHLY PREPARE EARTH WITH A SLIGHT SLOPE TRAILING AWAY FROM SHED FOR DRAINAGE. NEXT, COVER EARTH UNDER LEAN-TO WITH PLASTER LAYER THEN POUR A 4-INCH LAYER OF CRUSHED STONE ON TOP. LEVEL STONE WITH A RAKE OR HOE; WORK IN PAVERS AS DESIRED.

P.T. 6x6 x 8'-6" CORNER POST; SET IN 12" DIA x 16" DEEP HOLE; FILL WITH CONCRETE (TYP OF 2)

EDGE OF P.T. 4x4 BASE PLATE BELOW; CENTER BETWEEN CORNER POSTS

INTERMEDIATE P.T. 6x6 x 1'-4 1/2" POST; SET IN 12" DIA x 16" DEEP HOLE; FILL WITH CONC. (TYP OF 2)

P.T. 2x4 STUD WALL @ 16" O.C.

COVER SHED EXTERIOR WITH 4x8' PREFAB SHEETS OF ROUGH-SAWN, GROOVED SIDING

SEE DETAIL/NOTES PAGE FOR DETAILS ON CONSTRUCTION
CONTINUOUS FLASHING AT ROOF JUNCTION (RUN UP UNDER SHED METAL ROOF)

EDGE OF LEAN-TO STRUCTURE BELOW

METAL ROOF (V-CRIMP TIN PREFERRED)

METAL RIDGE CAP

1 3/4 : 12

SINGLE "U" ALUMINUM EXTRUSION TRACK TO HOLD TWINWALL SKYLIGHT SHEETING

VERIFY TWINWALL SHEET WIDTH BEFORE CREATING ROOF HOLE FOR SKYLIGHT

RAFTERS BEYOND

TWINWALL SHEETING FOR SKYLIGHT

LAP RIDGE CAP OVER TOP OF UPPER "U" EXTRUSION TRACK

NOTES FOR SKYLIGHT CONSTRUCTION:
*TOD ORDER TWINWALL POLYCARBONATE SHEETS, CONTACT CHARLEY’S GREENHOUSE & GARDEN COMPANY, 1-800-322-4707 OR ON THE WEB AT www.charleysgreenhouse.com

*TOD ORDER SINGLE "U" EXTRUSION TRACK AND ASSOCIATED HARDWARE, CALL CAPITOL AGRICULTURAL SERVICE & SUPPLY (CASSCO) AT 1-800-933-5888.

LEAN-TO ROOF EXTENSION  GABLED SHED ROOF

ROOF PLAN
(scale 3/8" = 1')
**THE POTTING SHED**

**PF-1D-1144**

**SECTION A**

(scale 3/8" = 1' 0")

- Metal Ridge Cap, add P.T. support blocking underneath as required.
- Plywood gable infill beyond.
- P.T. 2x6 rafters, spaced 16" O.C.
- Gutter (optional)
- Cover shed exterior with 4x8' prefab sheets of rough-sawn, grooved siding.
- P.T. 2x8 ridge beam.
- P.T. 2x6 rafters, spaced 16" O.C.
- P.T. 6x6 corner post; set in 12" Dia x 16" deep hole; fill with concrete (typical).
- Shallow concrete footing or buried brick, paver, etc.
- Intermediate P.T. 6x6 x 1'4" 3/2" footing; set in 12" Dia x 16" deep hole. Fill with concrete (typical).

**P.T. 2x6 rafters with scroll-cut tails spaced 16" O.C.; scab onto sides of shed rafters.**

**P.T. 2x6 header members; scroll cut at ends.**

**P.T. 6x6 corner post.**

**P.T. 4x4 base plate; center between lean-to corner posts; hold bottom of base plates 3/2" off ground (typical).**

**Slight Earth Slope.**

**See Notes on Foundation / Floor Plan for Earth Preparation and Covering Under Shed and Lean-To.**

SEE DETAIL/NOTES PAGE FOR DETAILS ON CONSTRUCTION.
METAL RIDGE CAP, ADD P.T. SUPPORT BLOCKING UNDERNEATH AS REQUIRED

COVER SHED EXTERIOR WITH 4'x8' PREFAB SHEETS OF ROUGH-SAWN, GROOVED SIDING

P.T. 2x4 STUD WALL INFILL; STUDS SPACED 16" O.C.

SEE NOTES ON FOUNDATION/FLOOR PLAN FOR EARTH PREP AND COVERING UNDER SHED

FOR DUTCH DOOR CONSTR, SEE NOTES ON THE FOUNDATION/FLOOR PLAN

FOR STOOP CONSTRUCTION, SEE NOTES ON THE FOUNDATION/FLOOR PLAN

P.T. 2x8 RAKE BOARD

P.T. 2x6 TRIM BOARD, FLUSH WITH RAKE BOARDS

P.T. 2x6 SHELF ON TOP OF LOWER DUTCH DOOR SECTION

CEDAR SHAKE SIDING

1/4" PLYWOOD GABLE INFILL

SKYLIGHT CONSTRUCTION:
TWINWALL POLYCARBONATE SHEETING HELD IN WITH SINGLE "U" EXTRUSION ALUMINUM TRACK; (SEE ENLARGED DETAILS)

P.T. 2x6 RAFTERS, SPACED 16" O.C.

P.T. 4x4 POST MEMBER TOPPED WITH A P.T. CAP AND FINIAL

P.T. 2x6 RAFTERS BEYOND (TYP)

WORKCOUNTER; SEE SECTION "A" FOR NOTES AND DIMS

ENDS OF LEAN-TO RAFTERS SCABBED ONTO SHED RAFTERS BEYOND (TYP)

B

A

WALL OPTION #1:
PEGBOARD WALL SHEATHING

WALL OPTION #2:
LEAVE STUD WALL FRAMING EXPOSED; INSTALL HORIZONTAL 2x4's AS DESIRED FOR SHELVING

P.T. 1x4 PERLINS BEYOND RAKE BOARD TAIL BEYOND

Top of Plate and Shed Corner Posts

P.T. 2x8 RIDGE BEAM

CEDAR SHAKE SIDING

P.T. 2x6 RAKE BOARD

P.T. 2x6 RIDGE BEAM

P.T. 2x4 STUD WALL INFILL; STUDS SPACED 16" O.C.

P.T. 2x4 BASE PLATE; CENTER BETWEEN SHED CORNER POSTS; HOLD BOTTOM OF BASE PLATES 1/2" OFF GROUND (TYPICAL)

CORNER POST FOOTING BEYOND

LEVEL GRADE

TOP OF RIDGE BEAM

TOP OF PLATE AND SHED CORNER POSTS

SLOPE
THE POTTING SHED
FRONT ELEVATION
(scale 3/8" = 1' 0")

METAL RIDGE CAP
P.T. 6x6 CORNER POSTS
CEDAR SHAKE SIDING
P.T. 2x8 RAKE BOARD,
FLUSH WITH RAKE
BOARDS

FOR DUTCH DOOR CONSTRUCTION, SEE
NOTES ON THE FOUNDATION/FLOOR
PLAN

P.T. 2x8 TRIM BOARD,
P.T. 1x4 WINDOW AND
DOOR TRIM

4'x8' PREFAB SHEETS OF
ROUGH-SAWN, GROOVED
SIDING

P.T. 1x4 WINDOW AND
DOOR TRIM

P.T. 4x4 POST MEMBER,
TOPPED WITH A P.T. CAP

P.T. 4x4 BASE PLATE

TOP OF SHED COUNTER
INSIDE

3' 6"
STOOP

P.T. 6x6 CORNER POSTS

OPTIONAL OUTDOOR
WORK COUNTER. SEE
SECTION "A" FOR
CONSTRUCTION NOTES

SHED AND LEAN-TO
CONSTRUCTION; SEE
SECTION "A" AND ROOF PLAN

SKYLIGHT CONSTRUCTION;
SEE SECTION "A", ROOF
PLAN AND DETAILS

P.T. 4x4 POST MEMBER,
TOPPED WITH A P.T. CAP

P.T. 6x6 CORNER POSTS

TOP OF SHED COUNTER
INSIDE

P.T. 4x4 BASE PLATE

STOOP

P.T. 6x6 CORNER POSTS
THE POTTING SHED

LEFT ELEVATION
(scale 3/8” = 1’0”)

METAL RIDGE CAP

P.T. 4x4 POST MEMBER Topped with a P.T. Cap

ATTACH P.T. HORIZONTAL AND VERTICAL STRIPS BETWEEN THE METAL ROOFING RIDGES TO INSTALL CONTINUOUS ALUMINUM TRACK

EXPOSED LEAN-TO RAFTER TAILS (TYP)

P.T. 2x6 HEADER MEMBERS; SCROLL-CUT AT ENDS

OPTIONAL OUTDOOR WORK COUNTER; SEE SECTION A FOR CONSTRUCTION NOTES

FOR STOOP CONSTRUCTION SEE NOTES ON THE FOUNDATION/FLOOR PLAN

P.T. 6x6 CORNER POSTS

METAL RIDGE CAP

P.T. 4x4 POST MEMBER Topped with a P.T. Cap

ATTACH P.T. HORIZONTAL AND VERTICAL STRIPS BETWEEN THE METAL ROOFING RIDGES TO INSTALL CONTINUOUS ALUMINUM TRACK

EXPOSED LEAN-TO RAFTER TAILS (TYP)

P.T. 2x6 HEADER MEMBERS; SCROLL-CUT AT ENDS

OPTIONAL OUTDOOR WORK COUNTER; SEE SECTION A FOR CONSTRUCTION NOTES

FOR STOOP CONSTRUCTION SEE NOTES ON THE FOUNDATION/FLOOR PLAN

P.T. 6x6 CORNER POSTS

METAL RIDGE CAP

P.T. 4x4 POST MEMBER Topped with a P.T. Cap

ATTACH P.T. HORIZONTAL AND VERTICAL STRIPS BETWEEN THE METAL ROOFING RIDGES TO INSTALL CONTINUOUS ALUMINUM TRACK

EXPOSED LEAN-TO RAFTER TAILS (TYP)

P.T. 2x6 HEADER MEMBERS; SCROLL-CUT AT ENDS

OPTIONAL OUTDOOR WORK COUNTER; SEE SECTION A FOR CONSTRUCTION NOTES

FOR STOOP CONSTRUCTION SEE NOTES ON THE FOUNDATION/FLOOR PLAN

P.T. 6x6 CORNER POSTS

METAL RIDGE CAP

P.T. 4x4 POST MEMBER Topped with a P.T. Cap

ATTACH P.T. HORIZONTAL AND VERTICAL STRIPS BETWEEN THE METAL ROOFING RIDGES TO INSTALL CONTINUOUS ALUMINUM TRACK

EXPOSED LEAN-TO RAFTER TAILS (TYP)

P.T. 2x6 HEADER MEMBERS; SCROLL-CUT AT ENDS

OPTIONAL OUTDOOR WORK COUNTER; SEE SECTION A FOR CONSTRUCTION NOTES

FOR STOOP CONSTRUCTION SEE NOTES ON THE FOUNDATION/FLOOR PLAN

P.T. 6x6 CORNER POSTS

METAL RIDGE CAP

P.T. 4x4 POST MEMBER Topped with a P.T. Cap

ATTACH P.T. HORIZONTAL AND VERTICAL STRIPS BETWEEN THE METAL ROOFING RIDGES TO INSTALL CONTINUOUS ALUMINUM TRACK

EXPOSED LEAN-TO RAFTER TAILS (TYP)

P.T. 2x6 HEADER MEMBERS; SCROLL-CUT AT ENDS

OPTIONAL OUTDOOR WORK COUNTER; SEE SECTION A FOR CONSTRUCTION NOTES

FOR STOOP CONSTRUCTION SEE NOTES ON THE FOUNDATION/FLOOR PLAN

P.T. 6x6 CORNER POSTS
THE POTTING SHED
REAR ELEVATION
(scale 3/8” = 1’0”)

P.T. 2x8 RAKE BOARD
CEDAR SHAKE SIDING
P.T. 2x8 TRIM BOARD, FLUSH
WITH RAKE BOARDS
SCROLL-CUT ENDS OF
LEAN-TO RAFTER TAILS
P.T. 4x4 BASE PLATE
RAKE BOARD TAIL
4’x8’ PREFAB SHEETS OF
ROUGH-SAWN, GROOVED
SIDING
SLIGHTLY RAISE MIDDLE OF
EARTH FLOOR BASE IN SHED
FOR DRAINAGE (SEE
SECTION "A")
ATTACH P.T. HORIZONTAL AND VERTICAL STRIPS BETWEEN THE METAL ROOFING RIDGES TO INSTALL CONTINUOUS ALUMINUM TRACK.

RAKE BOARD TAIL

4'x8' PREFAB SHEETS OF ROUGH-SAWN, GROOVED SIDING

SHED RAFTERS BEYOND EXPOSED RAFTER TAILS (TYP)

FOR STOOP CONSTRUCTION SEE NOTES ON THE FOUNDATION/FLOOR PLAN

( referenced text)
CONSTRUCTION NOTES:

1. STOOP CONSTRUCTION:
   Form stoop border with P.T. 4x4 members. Next spread a thin layer of finely crushed stone. Add layer of cement, then position / press in pavers as desired. (Optional: Place smooth pebbles around paver edges as a finishing touch)

2. DUTCH DOOR CONSTRUCTION:
   Cut a standard 3'-0" x 6'-8" exterior wood door in half. Next cut roughly 2" off the top of the lower half; then attach a P.T. 2x6 shelf, protruding inward. Install two hinges for both upper and lower door sections, so that they swing separately.

3. SHED WORK COUNTER CONSTRUCTION:
   Construct with P.T. 2x6’s and P.T. 4x4 support posts. See “SECTION A” for further notes and dimensions. Verify that the counter edge does not obstruct door opening.

4. OPTIONAL OUTDOOR WORK COUNTER:
   Construct with P.T. 2x8’s and P.T. 4x4 support posts. See section “A” for further notes and dimensions.

5. SKYLIGHT CONSTRUCTION:
   Twinwall polycarbonate sheathing held in with single “U” extrusion aluminum tracking, elevated above roof ridges with P.T. blocking. (See enlarged details)

6. SHED ROOF CONSTRUCTION:
   Metal roof (V-Crimp Prefered) set on top of P.T. 1x4 perlins, spaced 2'-0" O.C.

7. LEAN-TO ROOF CONSTRUCTION:
   Metal roof (V-Crimp Prefered) set on top of P.T. 1x4 perlins, spaced 2'-4" O.C.
Plan#  SL-019

1. General Requirements
   A. Codes, Zoning and Covenants.
   B. Miscellaneous Fees:
      Lot Cost
      Building and Utility Permit Fees
      Utility Hook-up Fees
   C. Special Services
      Commissions
      Financing
      Surveying (check permanent & temporary easements)
      Soil Testing (drawings assume 2,000 p.s.f. soil pressure)
   D. Cleaning-Up
   E. Project Close Out
   F. Contingency

2. Site Work
   A. Clearing Site
      Includes all tree & brush removal as well as existing structures to be removed.
   B. Earthwork
      Includes all excavation, backfill & rough grading.
      3/4" Diameter Coarse Gravel Fill:
      2 tons
   C. Lawns and Planting
      Includes all finish grading, sod, grass seed and fertilizer, shrubs and trees.

3. Carpentry
   A. Rough Carpentry
      Exterior Framing: All Treated Material
      2x6: 1/3, 4/7', 30/8', 9/10'
      2x8: 2/6' 4/8'
      2x4: 34/7'
      1x4: 10/10'
      2 Pc 4x8-1/4" Plywood Sheathing
      8 Pc 4x8- Plywood Siding
      8 Pc 4x8- Peg Board
      Posts:
      4x4: 3/2', 6/4', 2/6', 2/7', 1/8', 2/9'
      4x6: N/A
      4x8: N/A
      6x6: 6/9', 1/4'
      Roofing & Misc.
      192 Sq. Ft.
      10 Lin.Ft. Ridge Cap
      2 Ea. 48"x48" Sky Lites
      32 Lin.Ft. “U” Cannel
      2 Ea. 1’6”x 2’6” Windows
      1 Ea. 3/0x6/8 Door
      150 Sq.Ft. Poly Film Plastic

This materials list is intended only as a guide provided to facilitate the pricing of a new shed. You should amend this list as required by the building conditions of your particular site and location.

The Designer accepts no responsibility for the specific quantities or quality of the materials listed. The builder of each house must review these drawings and materials list and judge for himself the suitability of this shed for your specific site. The material list should be modified to reflect finish material selections such as paint, stain, floor coverings, cabinets and countertops, ductwork, wiring, piping, specific light fixtures, exterior patio and etc. The price of your new shed should include labor and materials for all the items listed. But is not necessarily limited to the following list. VERIFY ALL MEASUREMENTS LISTED.