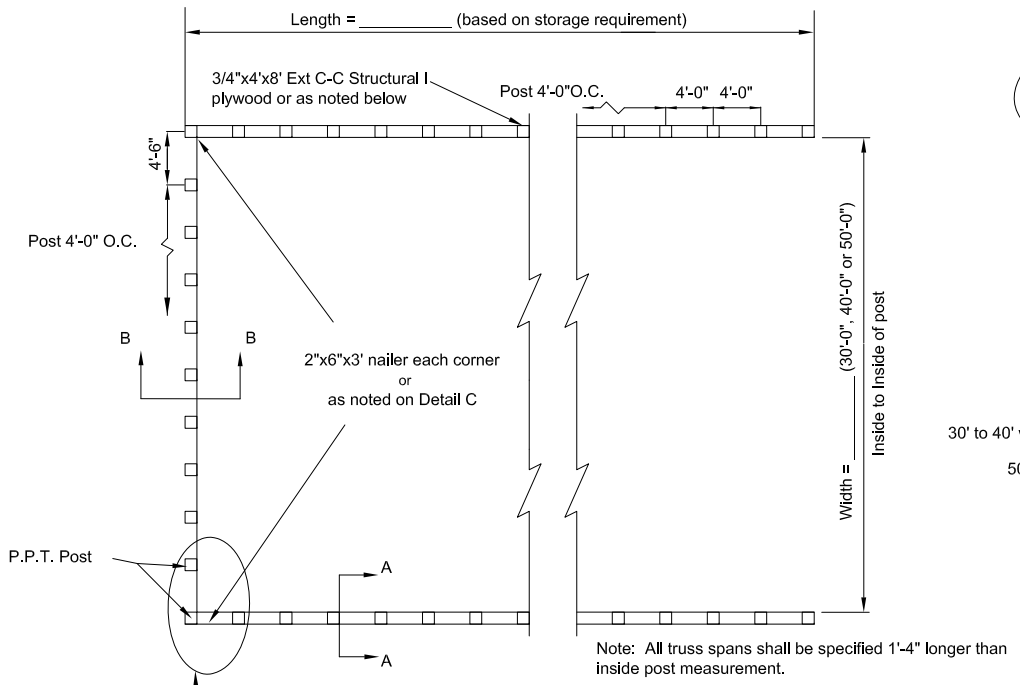
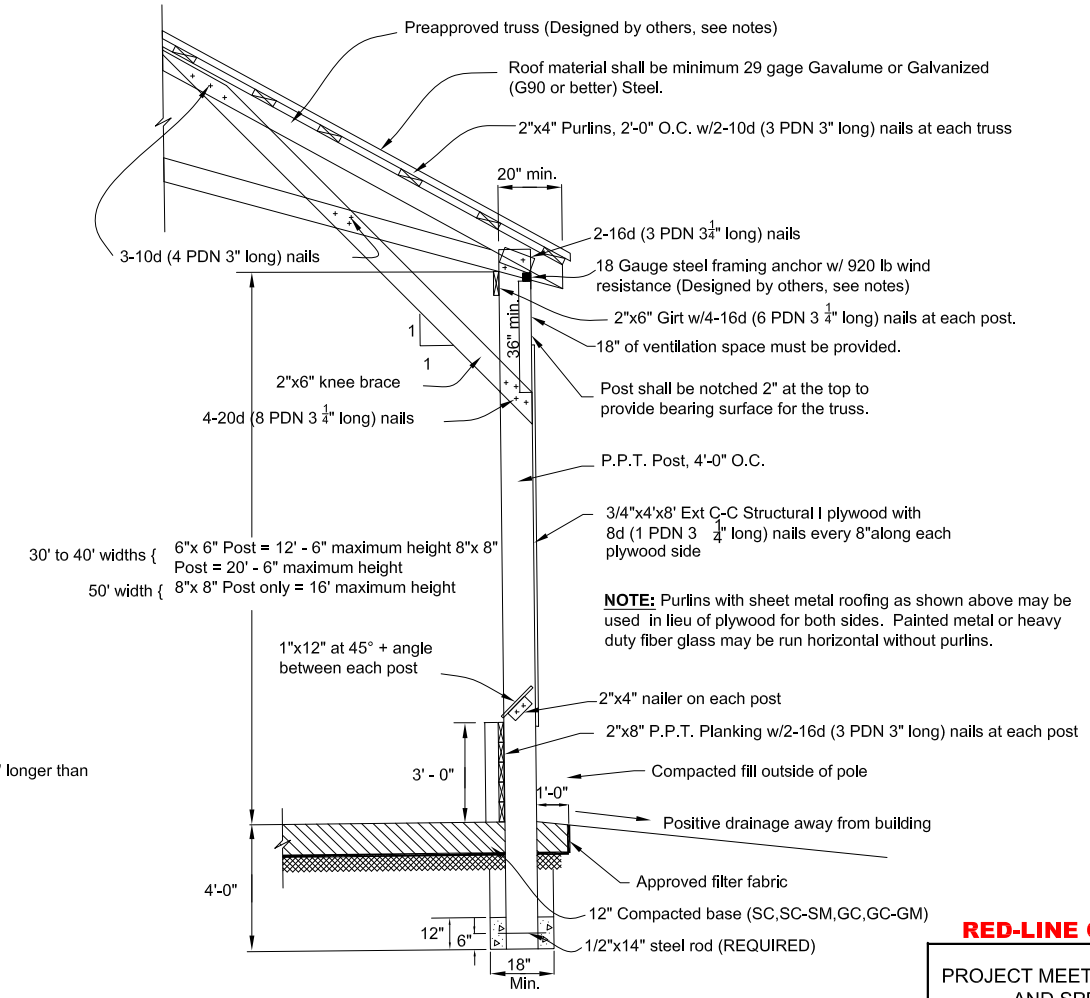


Note: All truss spans shall be specified 1'-4" longer than inside post measurement.

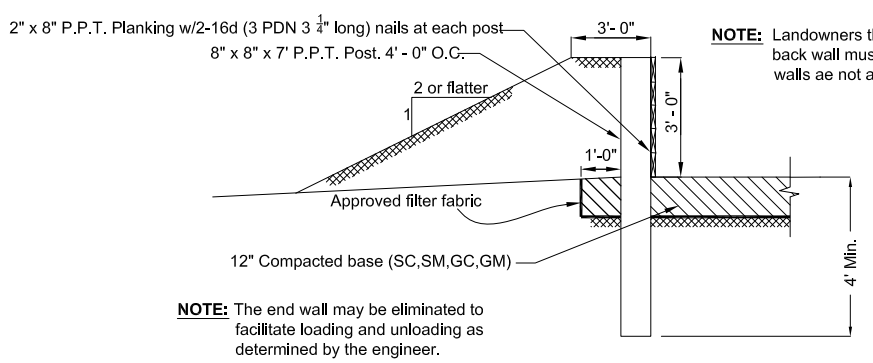
PLAN
NOT TO SCALE



SECTION A-A
NOT TO SCALE

DESIGN NOTE:

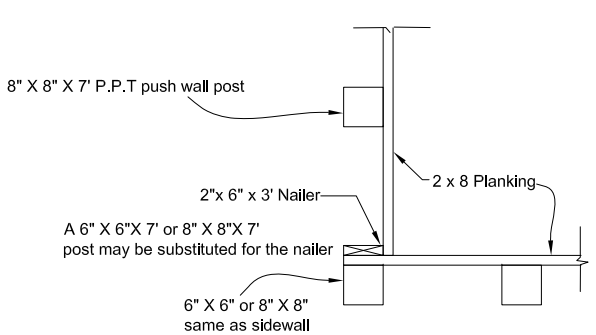
A site-specific design is required and shall include a location map, plan view, dimensions, soil conditions, high water table, drainage components, and construction specifications needed to complete the project.



NOTE: The end wall may be eliminated to facilitate loading and unloading as determined by the engineer.

NOTE: Landowners that elect to enclose the back wall must bear that expense. back walls ae not attached to the structure.

SECTION B-B
NOT TO SCALE



DETAIL C
NOT TO SCALE

TRUSS DESIGN NOTES

Truss shown on the drawing is for illustration purposes only. Trusses shall be designed and approved by a licensed engineer. Truss manufacturer shall furnish all drawings for bracing required on trusses. Scissors trusses are acceptable with a level bearing plate.

Truss Design:

Span: 31'-4", 41'-4" or 51'-4"
Slope: 5 in 12
Truss Spacing: 4' 0" on center
Overhang: 1'- 0"
Gable end trusses shall be sheathed

Truss Loadings:

Top chord Live Load, see listing below, Dead Load 5 psf
Bottom chord Live Load 0 psf, Dead Load 5 psf

Garrett, Allegany, and Washington counties:

Top chord Live Load 28 psf, Dead Load 5 psf

Frederick east to Harford counties including southern Maryland counties:

Top chord Live Load 21 psf, Dead Load 5 psf

Cecil county and Eastern Shore counties:

Top chord Live Load 16 psf, Dead Load 5 psf

Know what's below. Call before you dig.

"The Soil Conservation District makes no representation as to the existence or Non-existence of any utilities at the construction site. Shown on these construction drawings are those utilities which have been identified. It is the responsibility of the landowners or operators and contractors to assure themselves that no hazard exists or damage will occur to utilities"

RED-LINE CERTIFICATION

PROJECT MEETS NRCS STANDARDS AND SPECIFICATIONS

SIGNATURE DATE

ROOFING CONSTRUCTION NOTE:

Roofing material must be stored properly in accordance with the manufacturer's recommendations. Roofing material must be covered if it is stored outside to prevent premature deterioration.

When the structure is used for animal confinement, install 1/4 inch thick extruded polystyrene foam insulation beneath he entire roof and between the roofing and the wood framing and install a ridge vent specifically designed for animal confinement structures. Galvalume is not permitted for animal confinement structures.

Aluminum roofing may be used in lieu of steel. Roof shall be designed considering expansion and contraction and compatibility with other metals. The aluminum roofing shall have a minimum thickness of 0.018 inches and a maximum sheet length of 16 feet. Joints shall have sufficient overlap and fastened with stainless steel screws. The fastener holes shall be drilled and slotted and neoprene washers used.

TIMBER CONSTRUCTION NOTES

1. All lumber below the fascia board level shall be preservative pressure treated Southern Yellow Pine, No.2 KD, 19% m.c. or better. All other lumber may be either Southern Yellow Pine or Spruce-Pine-Fir No. 2 or better unless specified otherwise. Protection such as clear preservative, paint, or pressure treatment shall be required for the plywood. Timber shall be pressure treated in accordance with the chart below.

Use Codes for Treated Building Materials	
Use Code for Ground or Manure Contact	UC4B
Use Code for All Other Treated Lumber	UC4A

2. All metal hardware and nails shall be stainless steel or hot-dip galvanized (HDG). Stainless steel shall be grade types 304 or 316. Hot dipped galvanized fasteners shall conform to ASTM A 153 and hot-dip galvanized connectors shall conform to ASTM Standard A 653 (Class G-185).

   There may be additional products (other than stainless steel and hot-dip galvanized) which are suitable for use in treated wood. These screws and connectors have proprietary anti-corrosion technologies and are acceptable for treated wood exposed to moisture when used according to the hardware manufacturer's recommendations and **must be clearly marked "for use with" the type of treated wood being used.**
3. All structural nail connections must be nailed with twisted or ring shank nails.
4. Power driven nails (PDN) shall be 0.131 Diameter or larger, deformed shank, and helical (spiral) or annular (ring) type. The number and length of 0.131 diameter power driven nails is specified in parenthesis next to each connection. Pressure shall be applied to wood members to insure tight joints when using power driven nails. The head of the nail

GENERAL CONSTRUCTION NOTES AND SEQUENCE

1. Before construction begins contact the District Office for a preconstruction meeting. It is the landowner's responsibility to obtain all necessary permits and to maintain this structure in accordance to those regulations.
2. All materials and construction shall be in accordance with applicable NRCS standards and construction specifications.
3. All components of the completed system shall conform to the lines, grades, elevations, dimensions and materials shown on the plans.
4. Any changes in the plans or specifications must be approved by the original plan approver prior to being made. Changes are to be reviewed by the landowner for concurrence.
5. Prevent any sediment from leaving the construction site by installing a silt fence where appropriate.
6. Salvage topsoil and fill material and stockpile to use for final grading of the site.
7. Clear and grub all areas necessary for the construction of the structure.
8. Construct pad for structure. Fill material under the structure shall be placed in maximum 8-inch lifts (before compaction). The lifts shall be compacted by traversing of the entire surface by not less than one track of the equipment or by a minimum of four complete passes with a sheepsfoot, vibratory, or rubber tire roller.
9. The base (SC, SC-SM, GC, GC-GM; USCS classification) shall be capable of compaction to support the equipment wheel loads without displacement. Material used for sub-base shall be approved by the technician in the field prior to use. Compaction shall be accomplished by at least one pass of the equipment used for grading over the entire surface.
10. The compacted base shall extend a minimum distance of one (1) foot beyond the outer edge of the post. It is to be placed prior to post installation.
11. Filter fabric used shall be from an approved list of manufacturers. The manufacturer must submit certification and test data to NRCS for approval showing: (a) EOS between 70 and 100 (b) woven or nonwoven fabric material (c) tensile strength of 100 lb. min. (d) puncture strength of 40 lb. min. and (e) abrasion resistance of 25 lb. in any principal direction.
12. Construct Waste Storage Facility in accordance with the plan. The finished floor elevation shall be a min. 2' above seasonal high water table.
13. Perform final grading of the site. Place fill material around structure in maximum 4-inch lifts (before compaction). Compaction shall be performed at the optimum moisture content with hand tampers or other manually directed compaction equipment. Backfill shall be kept approximately level around all parts of the structure.
14. Topsoil all disturbed areas and filter strips using on-site salvaged topsoil. Apply lime and fertilizer according to specifications. Seed and mulch the filter strip and all disturbed areas as specified. All disturbed areas to be stabilized within 14 days of completion.

Designed MM/YY
Drawn
Checked

Approved _____ Date ____
Title _____ Job Class ____

LANDOWNER
ROOFED WASTE STORAGE STRUCTURE
City, Maryland
Address

Maryland Department of Agriculture
Soil Conservation District

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

REVISIONS		
Date	Description	Approved
4/10	Timber Construction Notes Changed	AHS

File No.
.DWG

Sheet 1 of 1