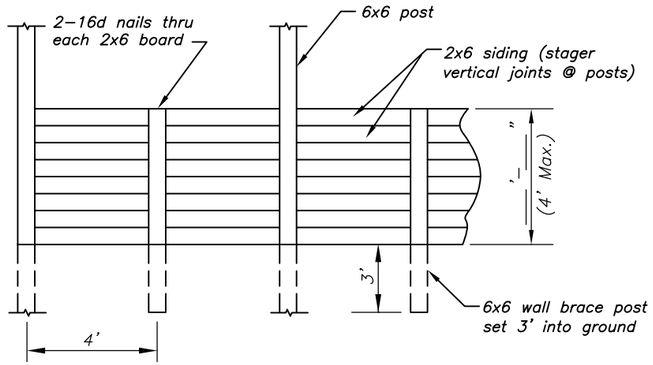
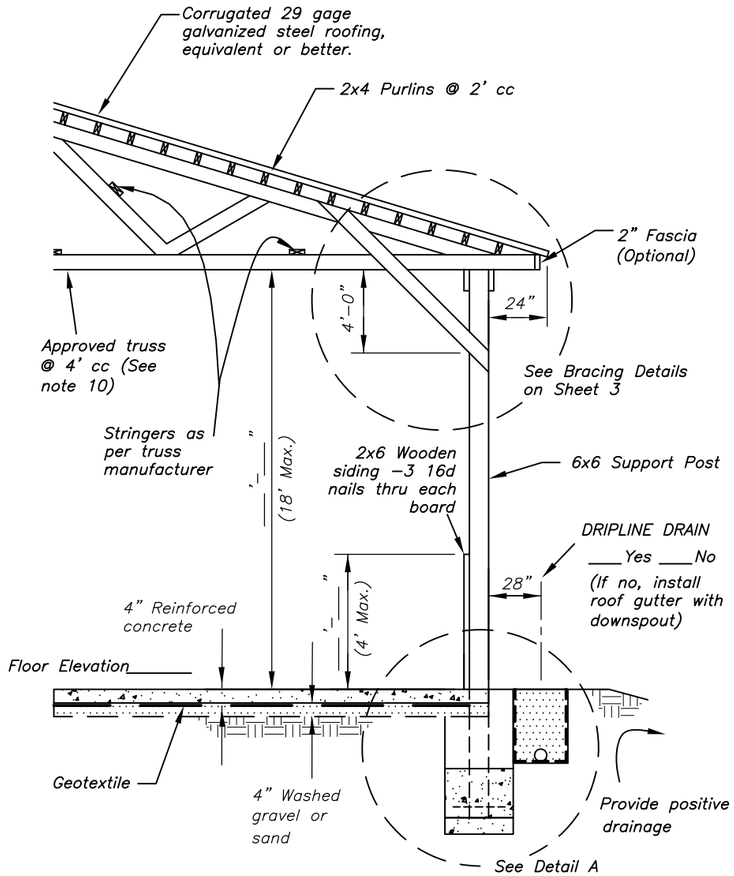
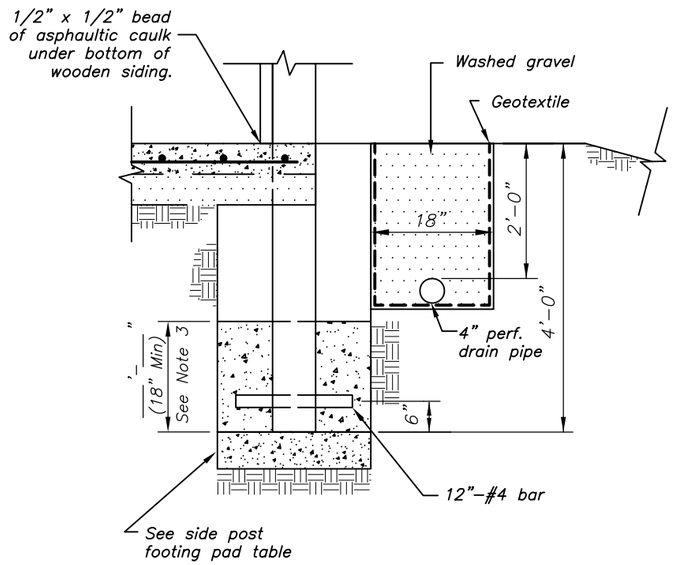
29N651



SIDE VIEW



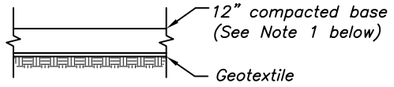
SECTION B–B



DETAIL A

NOTES:

If a concrete floor is not desired a compacted earth floor, 12" thick underlined by Geotextile may be substituted.



a. The base, (SC, SC–SM, GC, GC–GM; USCS classification), shall be capable of compaction to support the equipment wheel loads without displacement. Materials used for subbase 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.

b. The compacted base shall extend a minimum distance of one (1) foot beyond the outer of the post. It is to be placed prior to the post installation.

c. The finished floor elevation shall be a minimum of two (2) feet above the normal water table.

SIDE POSTS FOOTING PAD TABLE 1/		
Foundation material 2/	Size	Thickness
Durable rock, GW, GP, SW, SP	12" x 12" or 14" Dia.	4"
GM, GC, SM, SC	16" x 16" or 18" Dia.	6"
CL, MH, ML, CH	20" x 20" or 22" Dia.	8"

1/ Unless local site conditions or codes require greater dimensions.

2/ USCS (Unified Soil Classification System)

LIMITING DESIGN LOADS

Earthfill loading, Max. = 110 pcf,
Angle of internal friction = 30°.
Manure loading : 8' Max. height within 4' of side walls, 25 pcf Equivalent fluid pressure.

DRAFT

NOT FOR CONSTRUCTION

Rev. 9/97

Adapted from Pennsylvania Standard Drawing PA–003–313B

Date
Designed
Drawn
Checked
Approved

ROOFED STACKING STRUCTURE SOLID MANURE

United States Department of Agriculture
NRCS Natural Resources Conservation Service

File Name

Drawing Name
29–N–651

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