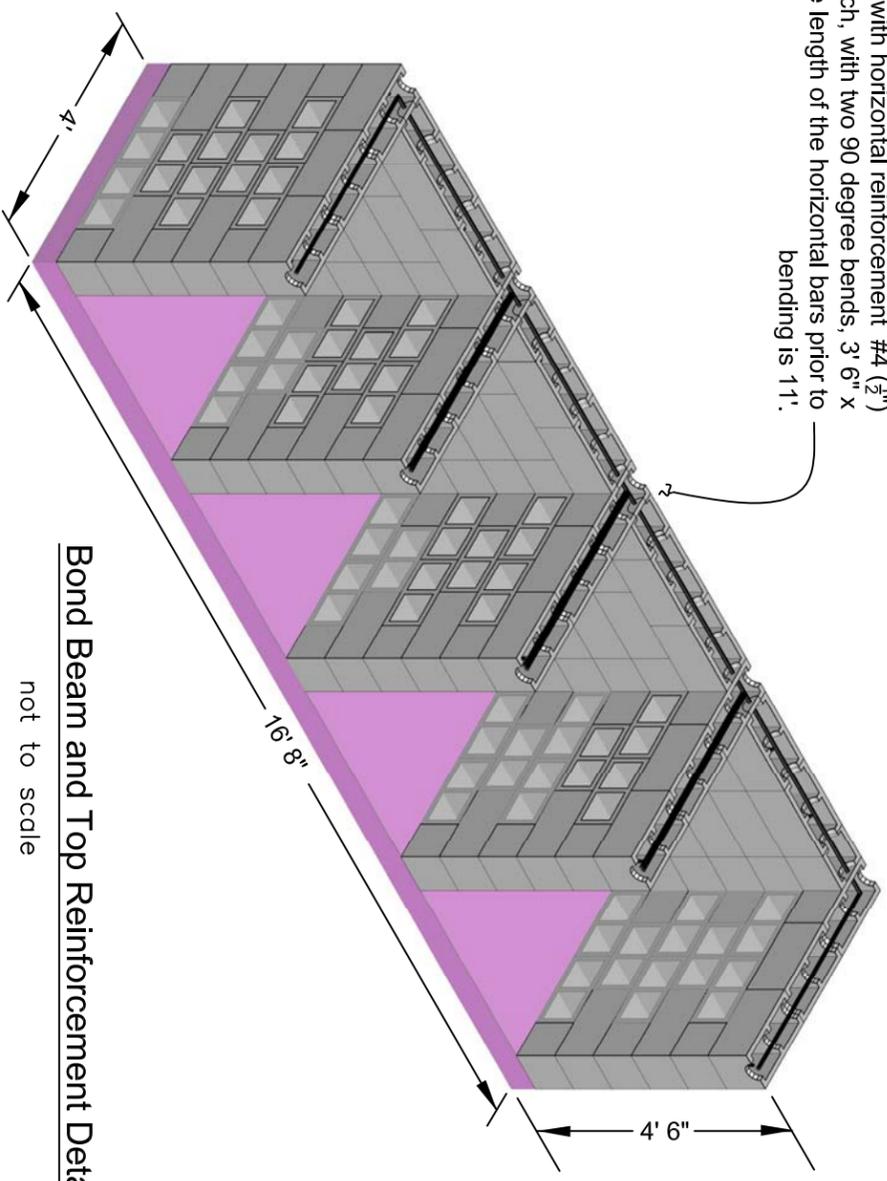
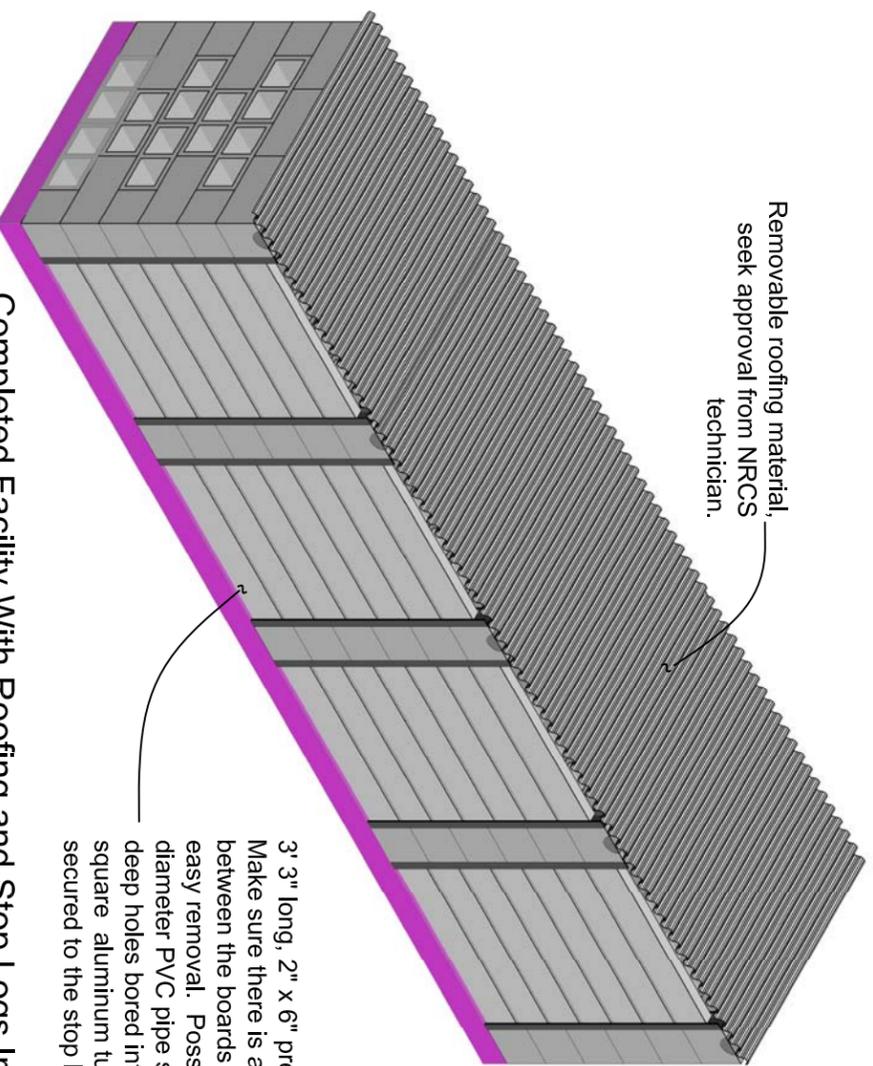


The top course shall be 8" x 8" x 16" bond beam blocks; with horizontal reinforcement #4 ( $\frac{1}{2}$ " rebar, 3 each, with two 90 degree bends, 3' 6" x 4' x 3' 6", the length of the horizontal bars prior to bending is 11'.



**Bond Beam and Top Reinforcement Detail**  
not to scale

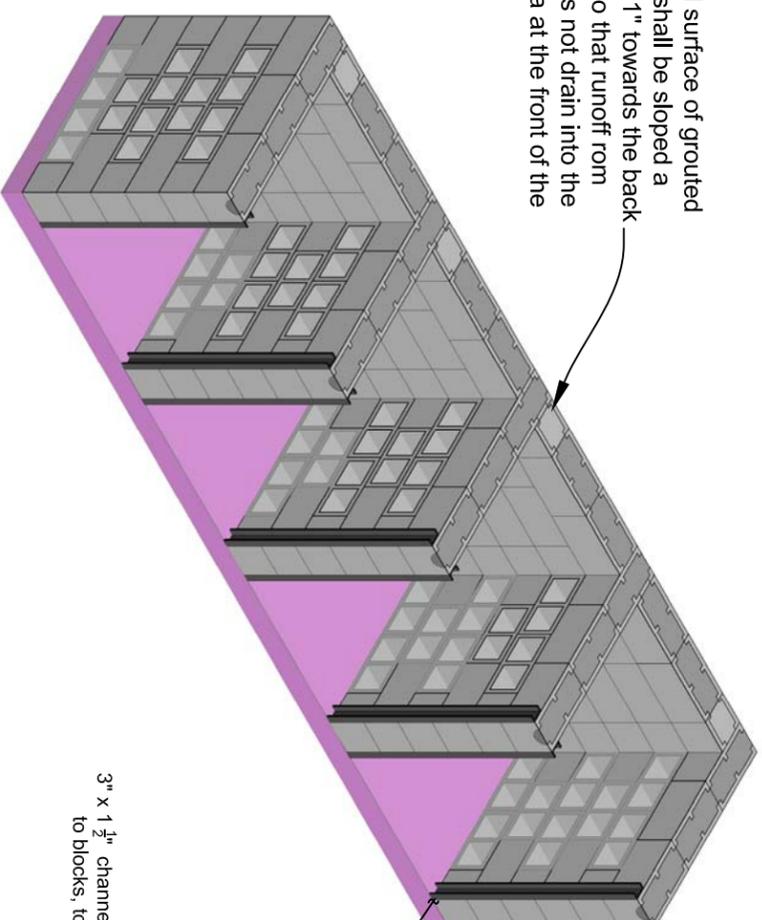
Removable roofing material, seek approval from NRCS technician.



3' 3" long, 2" x 6" pressure treated stop logs. Make sure there is a minimum 1" space between the boards to allow airflow and easy removal. Possible spacers include 1" diameter PVC pipe stubs 2" long set in 1" deep holes bored into the stop Log. 1" square aluminum tubing cut to 2" lengths secured to the stop logs could also be used.

**Completed Facility With Roofing and Stop Logs In Place**  
not to scale

The finished surface of grouted bond beam shall be sloped a minimum of 1" towards the back of the bins so that runoff from the roof does not drain into the working area at the front of the bins.



3" x 1 1/2" channel iron, bolted to blocks, to hold 2" x 6" stop-logs

**Channel Iron & Blocks Filled With Grout**  
not to scale

Material	Unit	Quantity
excavation	cubic yard	
gravel/base coarse	cubic yard	
concrete	cubic yard	1.25
8" x 8" x 8" half block CMU	each	26
8" x 8" x 16" CMU	each	112
8" x 8" x 16" bond beam CMU	each	23
8" x 8" x 8" bond beam half block CMU	each	4
#4 rebar	feet	148
welded wire 6" x 6", 6/6 gauge	square feet	60
channel iron 3" x 1 - 1/2" (C 3 x 6)	feet	48
mortar/grout (joint & blockfill)	cubic yard	2.2
cover (tin) or other approved material	square feet	84

**Quantities**

Computed for 4 bin solid waste storage facility

Date \_\_\_\_\_  
 Designed \_\_\_\_\_  
 Drawn \_\_\_\_\_  
 Checked \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Title \_\_\_\_\_

**4 Bin Solid Waste Storage Facility**  
 Cooperating with the \_\_\_\_\_ Soil and Water Conservation District



File Name \_\_\_\_\_  
 Drawing No. \_\_\_\_\_  
 Sheet \_\_\_ of \_\_\_