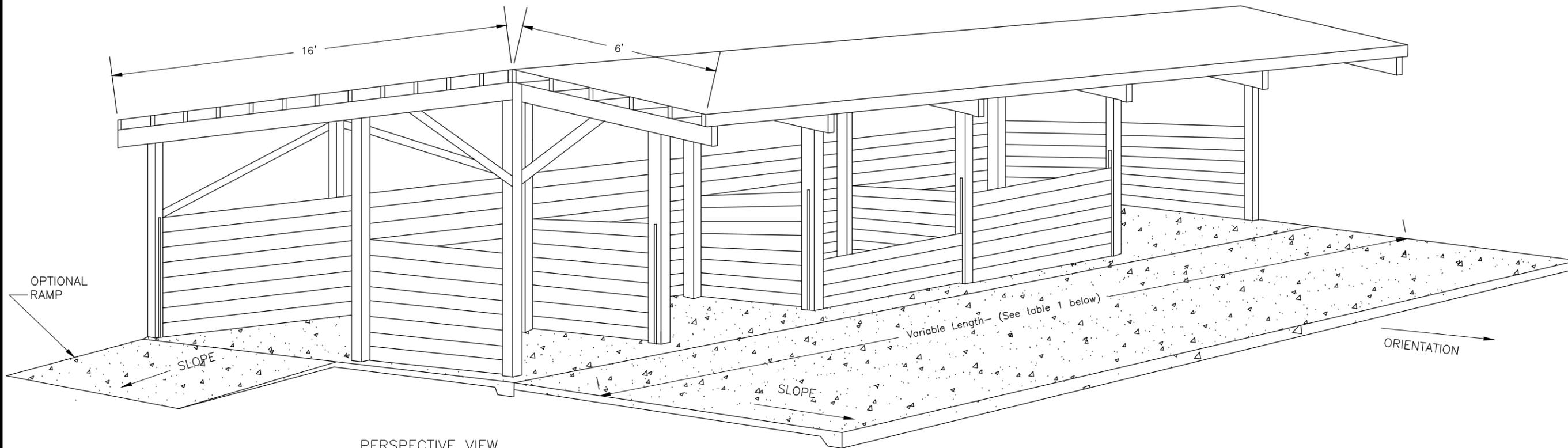


**NOTE:**

For clarity, view is shown without enclosures (above primary bin on near end and storage bin on far end).



PERSPECTIVE VIEW  
NOT TO SCALE

Estimated Quantities\*

| Item                    | 4 Primary ** Bin Unit | Each Additional Primary Bin |
|-------------------------|-----------------------|-----------------------------|
| 6" x 6" Posts           | 260 lin. ft.          | 44 lin. ft.                 |
| 4" x 6" Posts           | 24 lin. ft.           | 6 lin. ft.                  |
| 4" x 4" Posts           | 45 lin. ft.           | 8 lin. ft.                  |
| 2" x 8" Planks          | 1240 lin. ft.         | 220 lin. ft.                |
| 2" x 6" Planks          | 84 lin. ft.           | 14 lin. ft.                 |
| 2" x 4" Planks          | 880 lin. ft.          | 162 lin. ft.                |
| Concrete                | 20 cu. yds.           | 4 cu. yds.                  |
| Sand and Gravel         | 25 cu. yds.           | 5 cu. yds.                  |
| Wire Mesh Reinforcement | 1240 sq. ft.          | 228 sq. ft.                 |

\* Does not include any optional items listed on sheet 2 or cutting losses for wood members.

\*\* Includes one 8' wide storage bin.

TABLE 1

| No. of Primary Bins | Total * Length Feet-In. |
|---------------------|-------------------------|
| 2                   | 26'-4"                  |
| 3                   | 34'-11"                 |
| ** 4                | 43'-6"                  |
| 5                   | 52'-1"                  |
| 6                   | 60'-8"                  |
| 7                   | 69'-3"                  |
| 8                   | 77'-10"                 |

\* Includes one 8' wide storage bin.

\*\* Shown above

NOTES

1. This plan set shows details for a four (4) primary bin unit. The plan set is to be adapted for \_\_\_\_\_ primary bins and \_\_\_\_\_ storage bins. One primary bin is recommended for each 20,000 birds in a growing cycle.

2. Wisconsin Construction Specification 100, Poultry Carcass Composter, is to be used as a part of this plan set.

3. The composting facility shall be located 250 feet from any well. The facility floor shall be 3 feet above bedrock or the highest ground water elevation.

This standardized design must be adapted to the specific site. It was prepared at the NRCS State Office, 8030 Excelsior Drive, Suite 200 Madison, WI 53717-2906 from a standard detail developed in Minnesota and Wisconsin.

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

POULTRY CARCASS COMPOST FACILITY

OWNER: \_\_\_\_\_  
COUNTY: \_\_\_\_\_

United States  
Department of  
Agriculture  
**USDA**  
Natural Resources  
Conservation Service

File Name

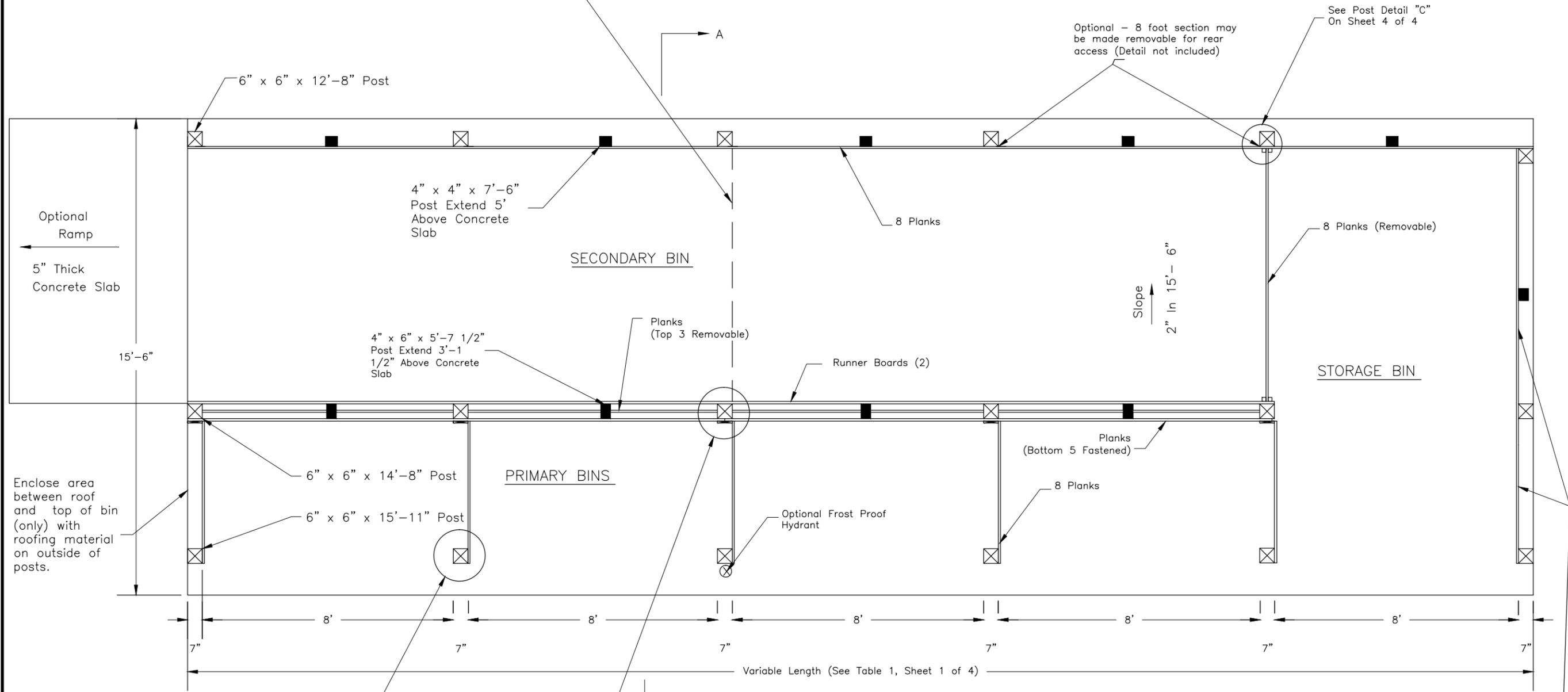
WI-720

Date

07/14

Sheet of

Provide a liquid tight control joint at the end of each second primary bin (approx. 16 ft.). The joint shall extend across both the composting bins and front access slabs.



**NOTES:**

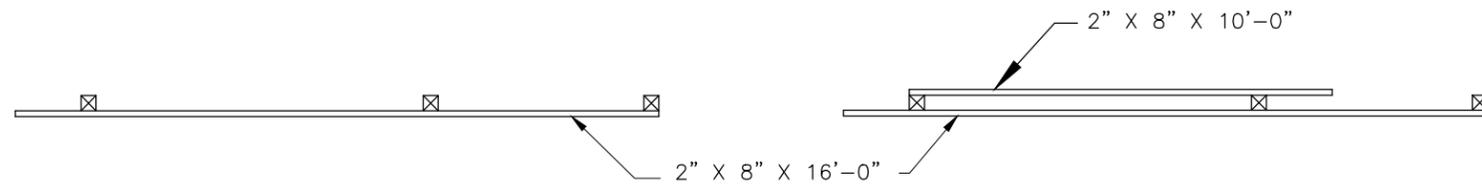
1. CCA treatment on all lumber except rafters, purlins, knee and cross braces shall be 0.4 pounds per cubic foot as per American wood-preservers Association Standard C-2, for soil and fresh water use. Posts shall be CCA treated to 0.6 pounds per cubic foot.
2. Planks are to be 2" x 8" treated wood of variable lengths.
3. Cleats to secure removable planks may be 2" x 2" wooden cleats or 2" x 1 1/2" angle iron (see details sheet 4 of 4).
4. Top 3 planks between primary and secondary bins are to be removable. Support with 2" x 6" blocks attached to both sides of post.
5. Attach purlins to rafters with manufactured framing anchors. 6. Minimum purlin length shall be 10'-0".

**OPTIONAL ITEMS**

- (to improve entry and exit with equipment)
- (a) Double wall along sides of primary bins with 2" x 6" cap.
  - (b) Double wall between secondary bin and primary bins with 2" x 8" top cap.
  - (c) Concrete slab at end of secondary bin.

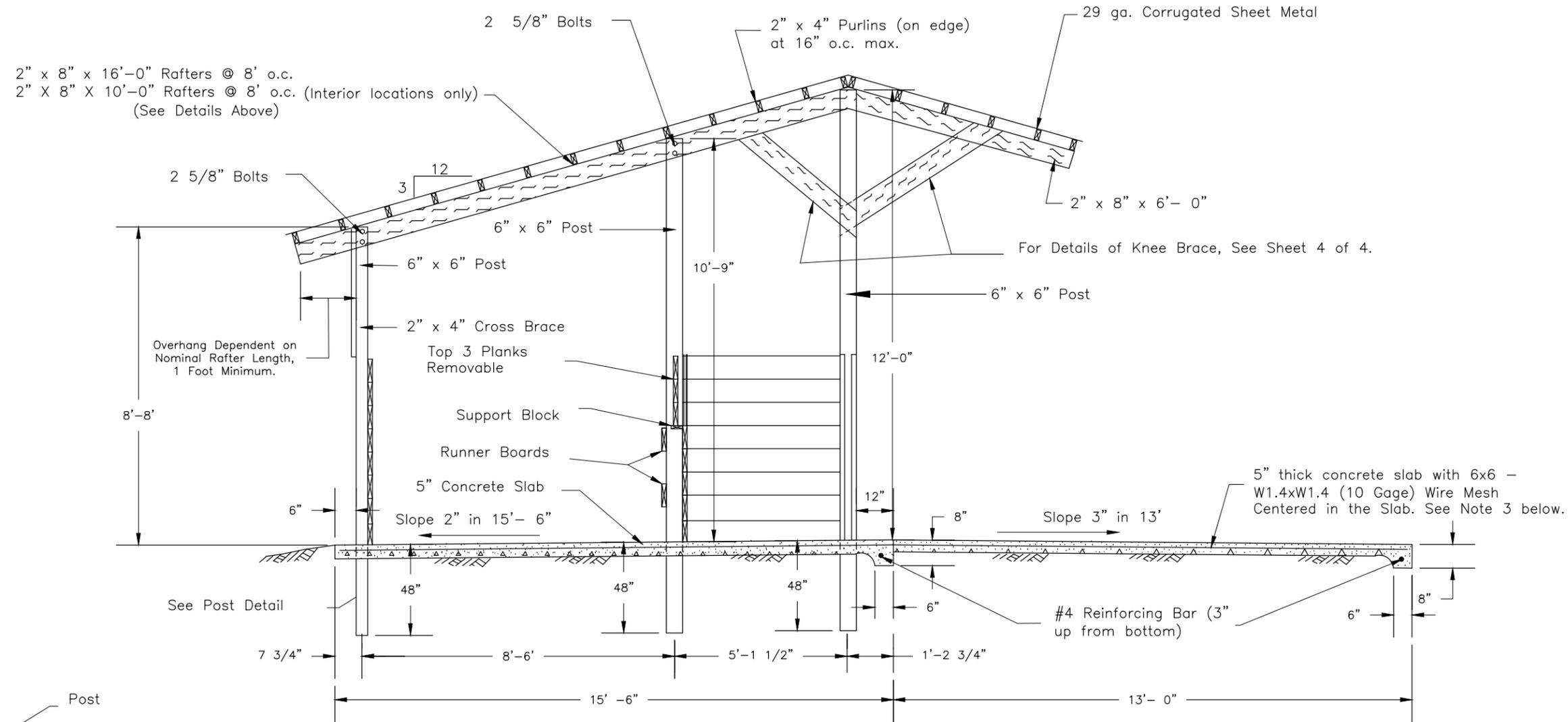
**FLOOR PLAN**

8 planks high on inside. Enclose area between planks and roof with roofing material on outside of posts.

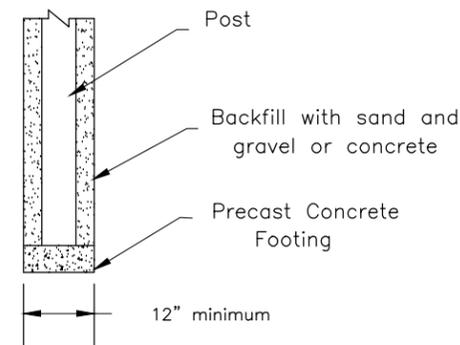


END LOCATION RAFTER PLAN DETAIL

INTERIOR LOCATION RAFTERS PLAN DETAIL



ELEVATION A - A

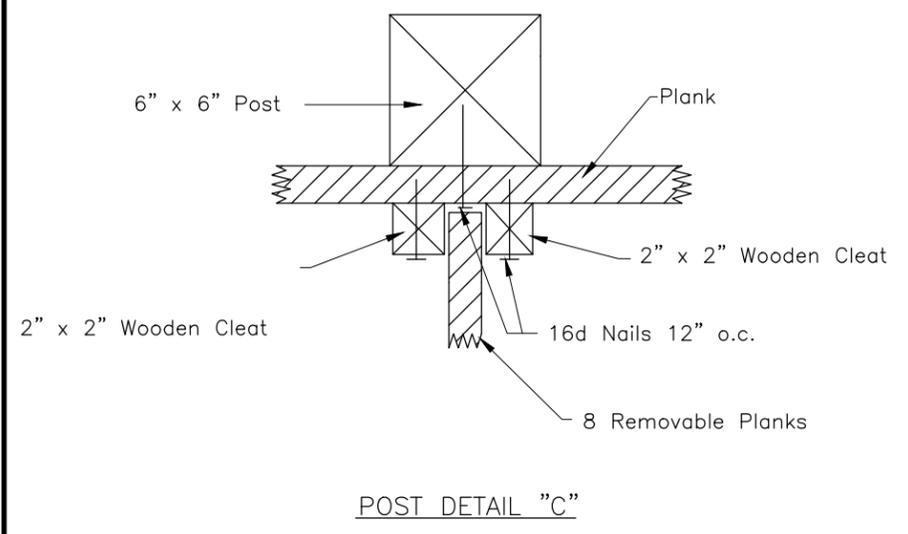
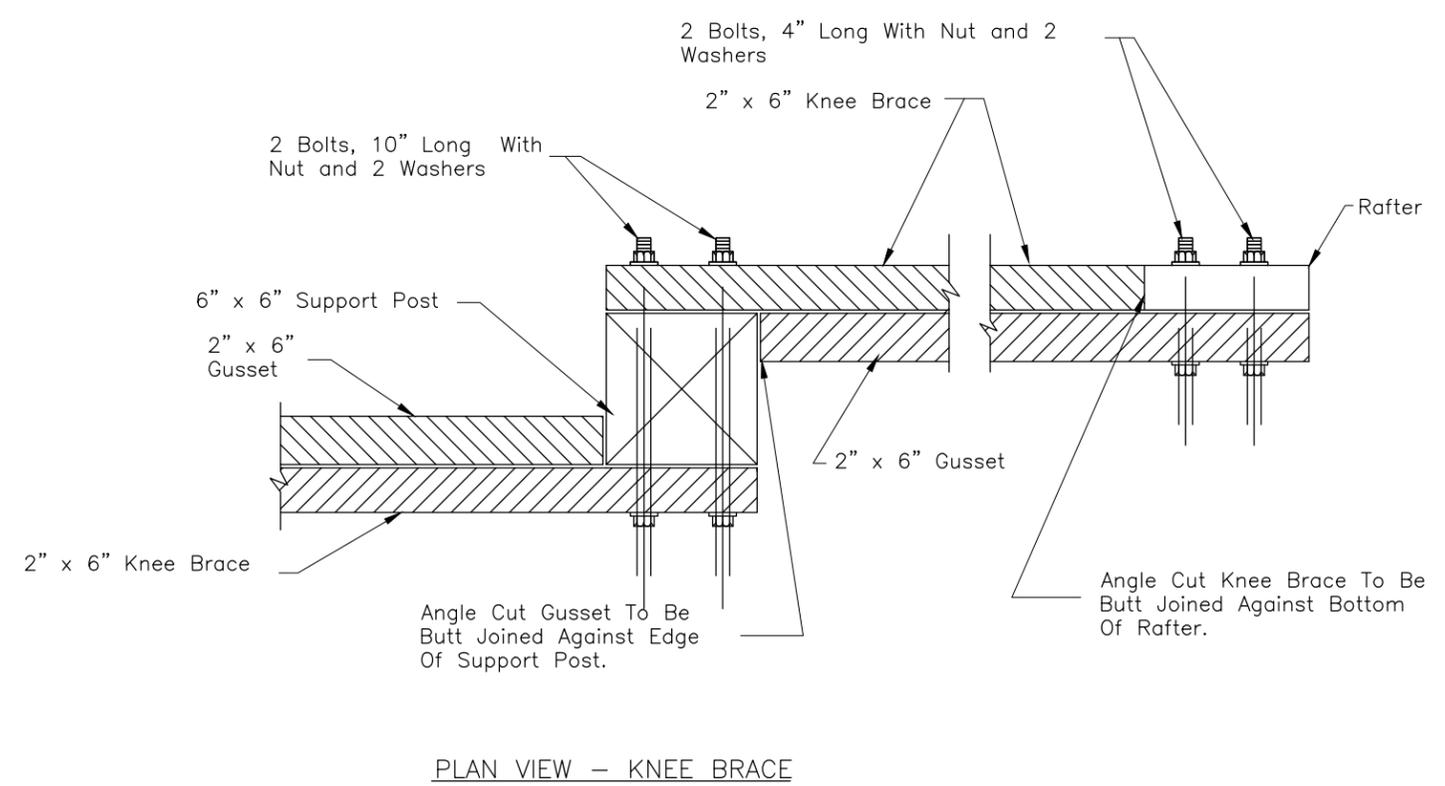
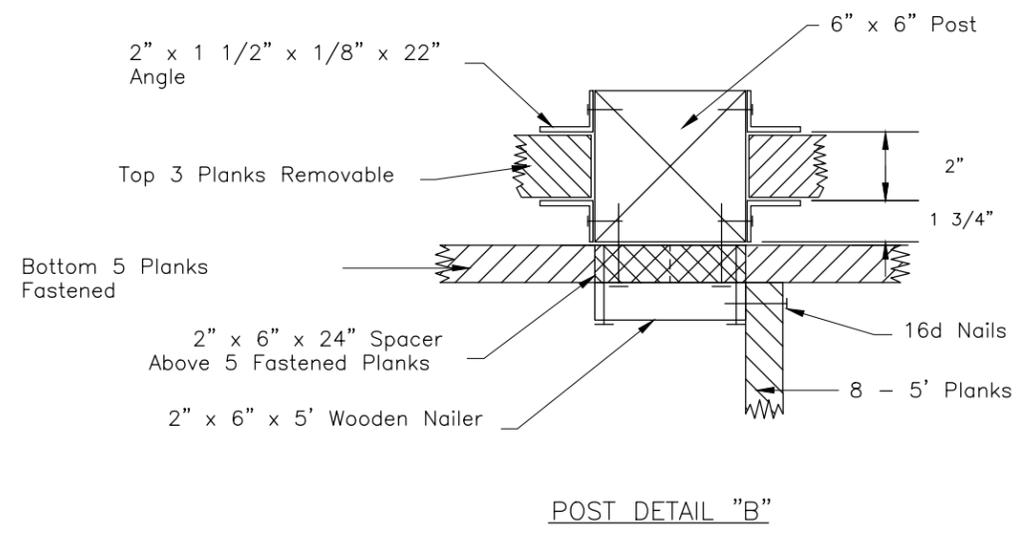
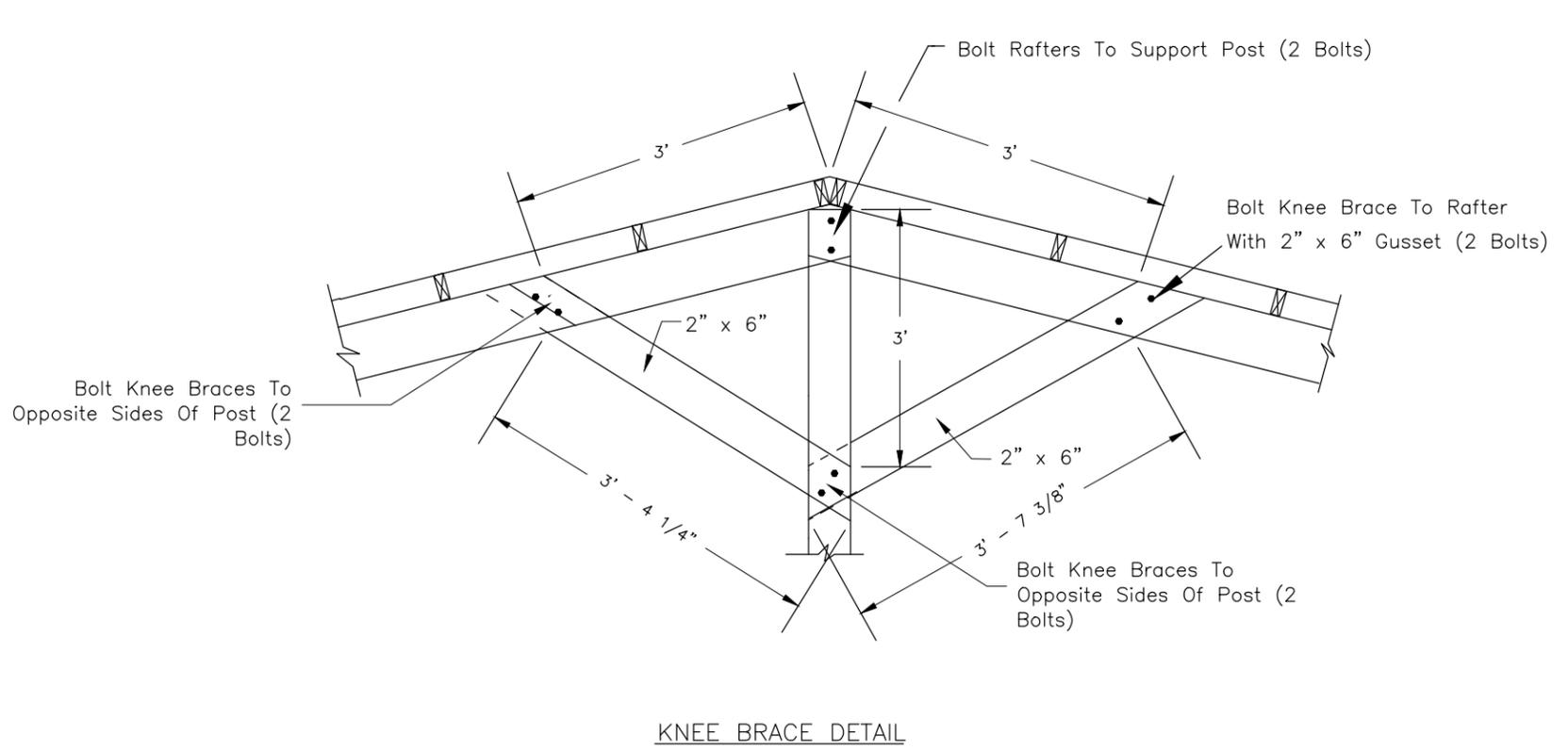
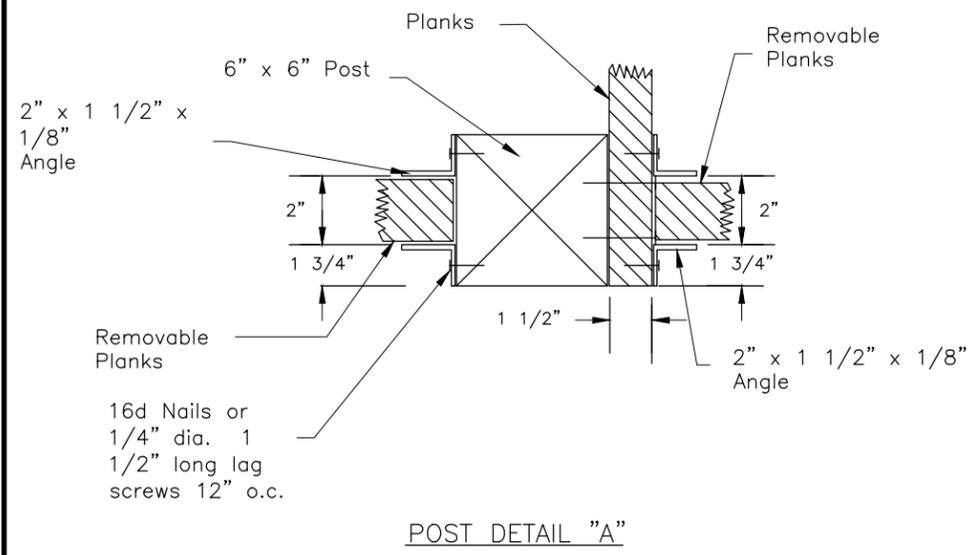


Post Detail

Not to Scale

NOTES:

1. The minimum splice length on #4 reinforcing bars shall be 16".
2. Provide a liquid tight construction joint between the composter bin slab and front access slab.
3. A 6" thick base course of pit run sand or sand-gravel mixture shall be placed under the concrete slab.
4. Posts shall be separated from the concrete slab with 1/2 inch thick preformed expansion joint material.



NOTES:

1. All bolts shall be 5/8".
2. Nail wooden gusset and knee brace together. Use a minimum of eight (8) 16d nails, clinched.

NOT TO SCALE