

12' BAY COMPOSTING FACILITY
Perspective View

Not to Scale

Notes:

1. All applicable building codes shall be met and applicable permits shall be obtained by the landowner.
2. Call OUPS, (800)362-2764 and Oil/Gas Locator Service, (800)925-0988 two to ten days prior to excavation.
3. See NRCS Concrete Construction Specification 210-VI-EFH, Amendment OH18, and Standard Drawing "Concrete Slab", OH-N-203-CAD for slab requirements.

Designed	W. Zacharias	Date	12/03
Drawn	C. Copely	Checked	12/03
Checked		Approved	

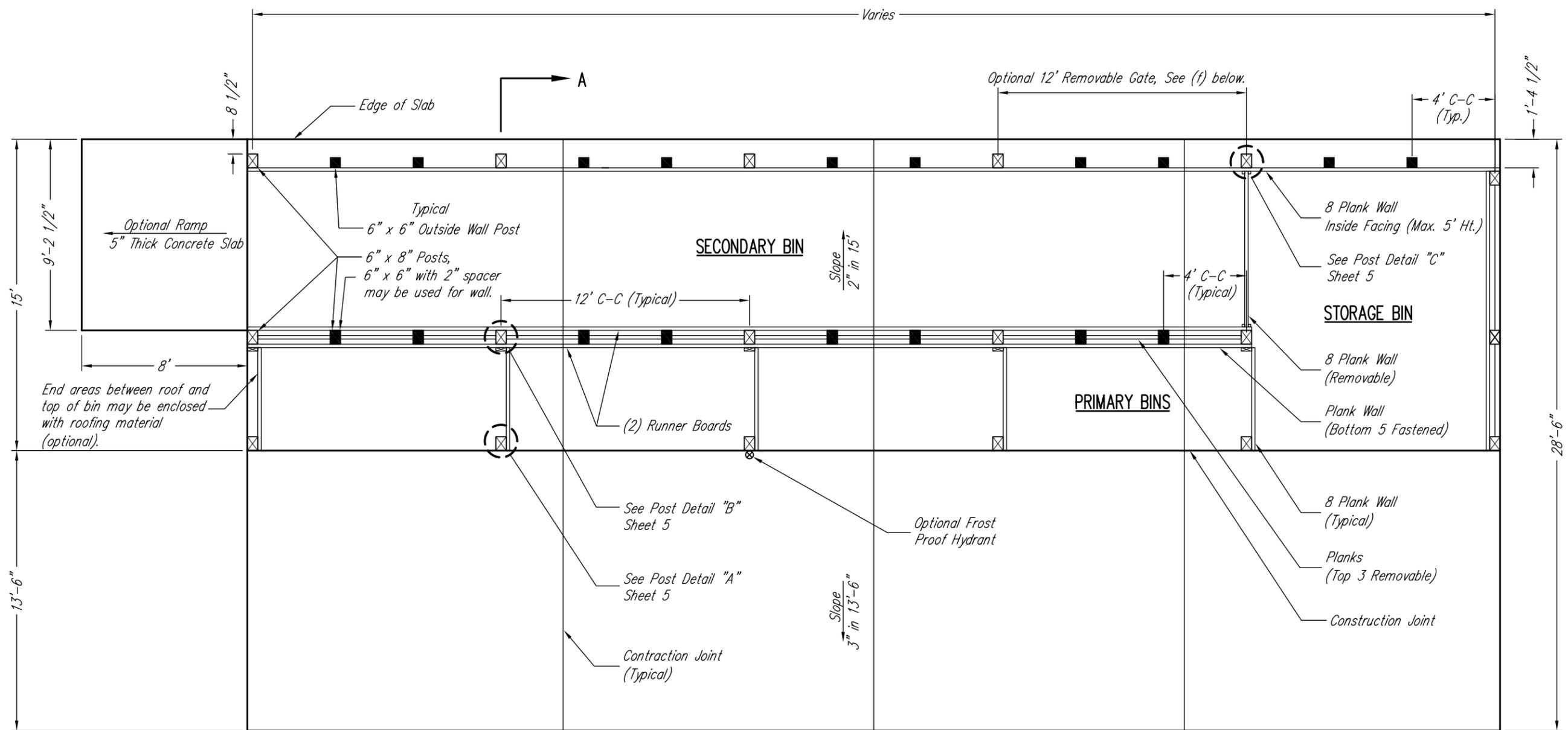
CLIENT: **12' BAY COMPOSTING FACILITY**
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 Ohio County



File No.
OH052404.dwg

Drawing No.
OH-N-524-CAD

REVISIONS		
DATE	APPROVED	TITLE
02/01	Arthur M. Brate	State Conservation Engineer
05/04	Arthur M. Brate	State Conservation Engineer



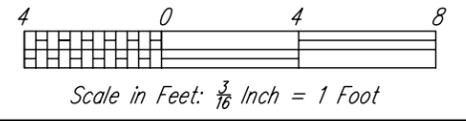
NOTES:

1. All posts shall be No. 2, Southern Yellow Pine (SYP), 0.6 pcf preservative treatment Chromated Copper Arsenate (CCA), or Alkaline Copper Quaternary (ACQ). All other lumber exposed to weather shall be No. 2 SYP, 0.4 pcf preservative treatment.
2. If CCA treated lumber is used, then all fasteners shall be galvanized. If ACQ treated lumber is used, then all fasteners shall be stainless steel or hot dipped galvanized steel.
3. Planks are to be 2" nominal thickness treated wood of variable lengths. Use double planking on the bottom two rows.
4. 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).
5. Top 3 planks between primary and secondary bins are to be removable. Support with 2" x 8" blocks attached to both sides of post.
6. Embed wall posts a minimum of 4' deep. Backfill posts with tamped 304, 57 or 67 preferably. If soil is used, compact at optimum moisture in 6"-8" lifts.

FLOOR PLAN
(Includes Slab Layout)

OPTIONAL ITEMS

- (a) Double wall (not shown) along sides of primary bins with 2" x 10" cap (not shown).
- (b) Double wall between secondary bin and primary bins with 2" x 12" top cap (not shown).
- (c) Concrete slab at end of secondary bin.
- (d) Partially enclose the ends.
- (e) Rain gutters and down spouts. If used, provide safe outlets.
- (f) Removable gate for rear access of secondary bin - See Standard Detail OH 500603.
- (g) Frost proof hydrant.



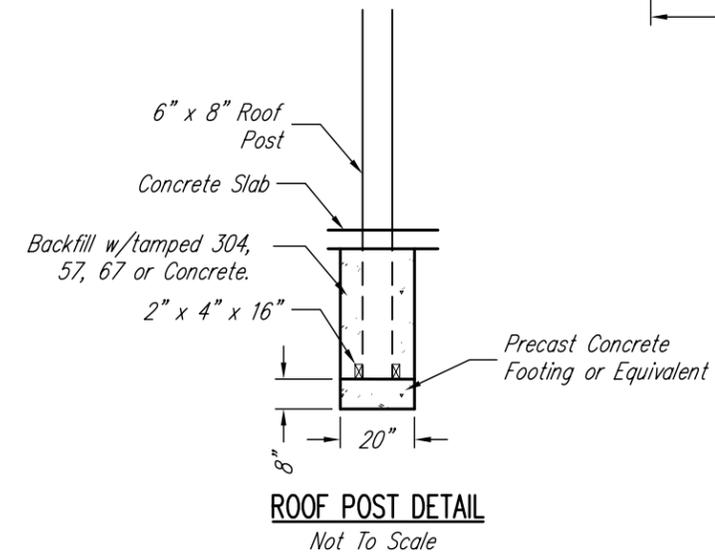
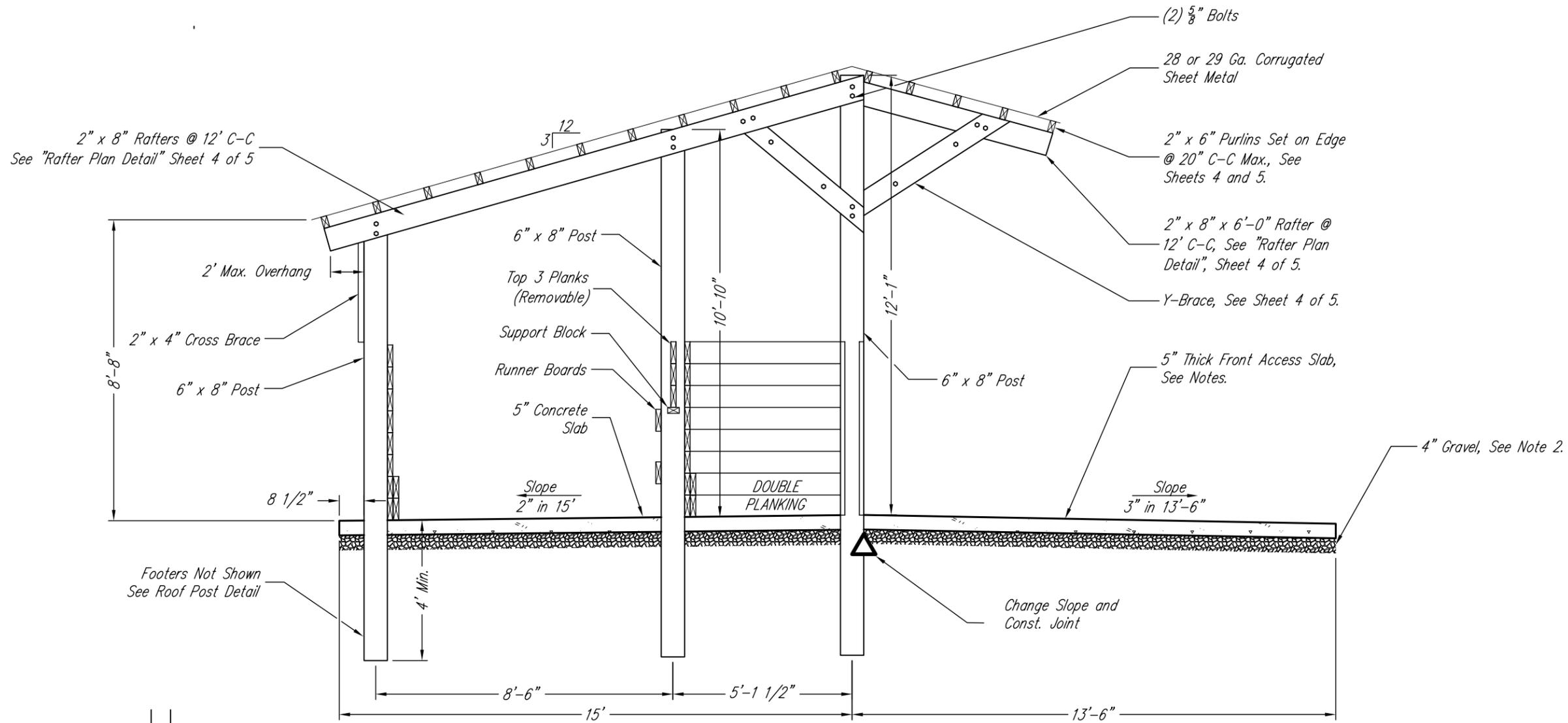
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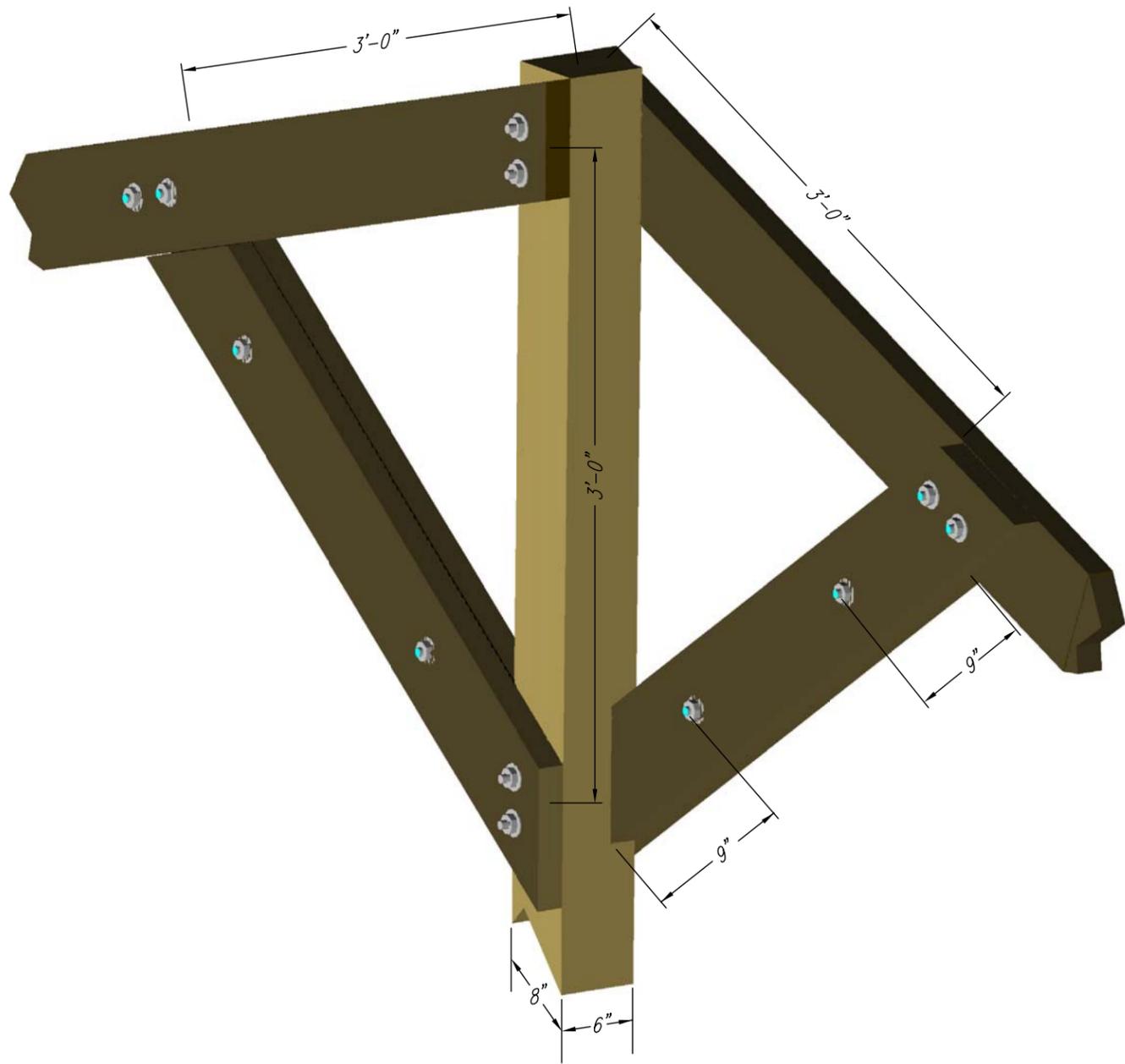
- NOTES:**
1. Provide a construction joint between the composter bin slab and front access slab.
 2. A 4" base course of ODOT # 57 or 67 gravel shall be placed under the concrete slab.
 3. Posts shall be separated from the concrete slab with 1/2 inch thick preformed expansion joint material.
 4. Roof posts supporting roof shall have concrete footers.

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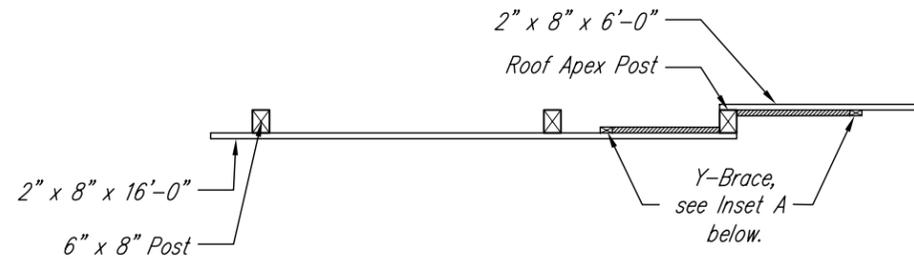
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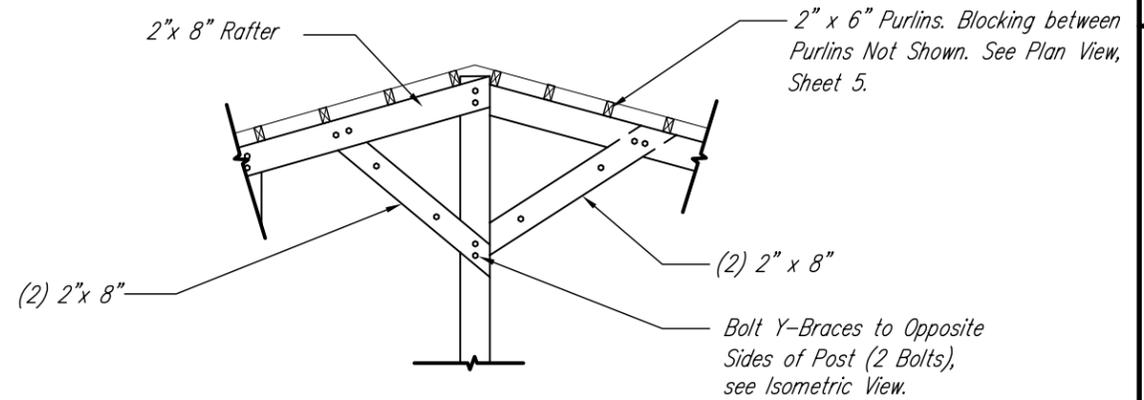
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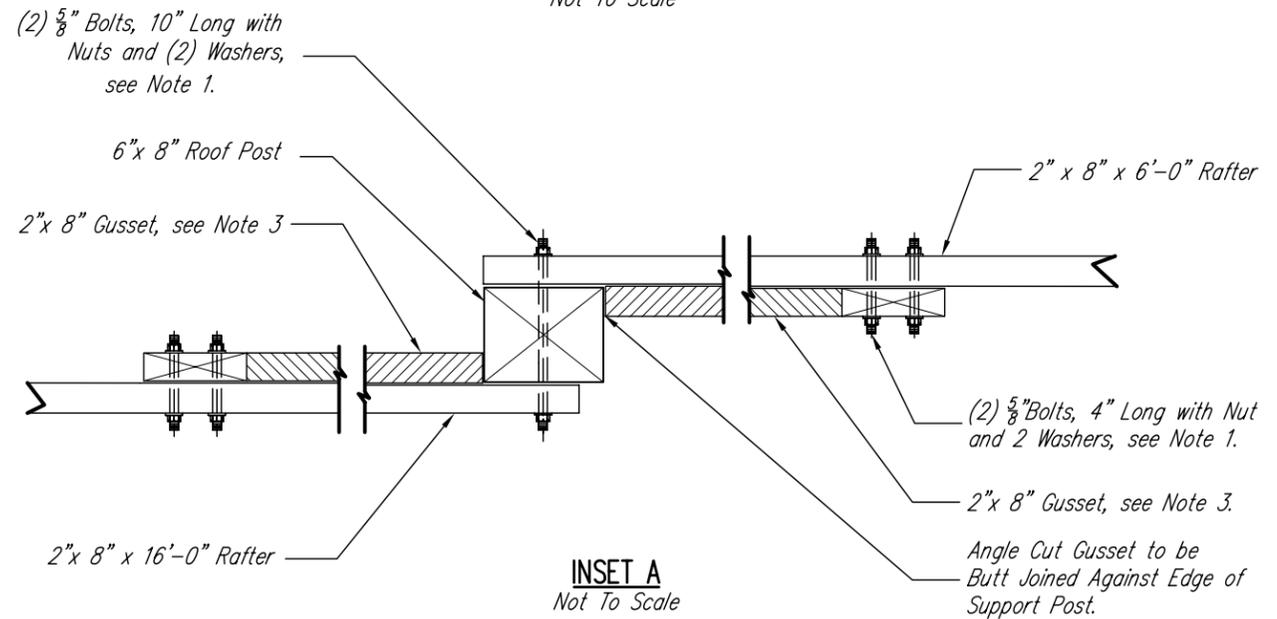
ISOMETRIC VIEW
Not To Scale



RAFTER PLAN DETAIL
Not To Scale



SIDE VIEW
Not To Scale



INSET A
Not To Scale

NOTES:

1. Use 5/8" bolts or threaded rods with min. 1 1/2" square or round heavy duty washers.
2. See Note 2, sheet 2 regarding ALL nails, bolts, nuts, and washers and any other fasteners used with treated lumber.
3. Nail wooden gusset with a minimum of (8) 16d nails clinched or use 5/8" bolts spaced as shown in "Isometric View".

Y-BRACING
Not To Scale

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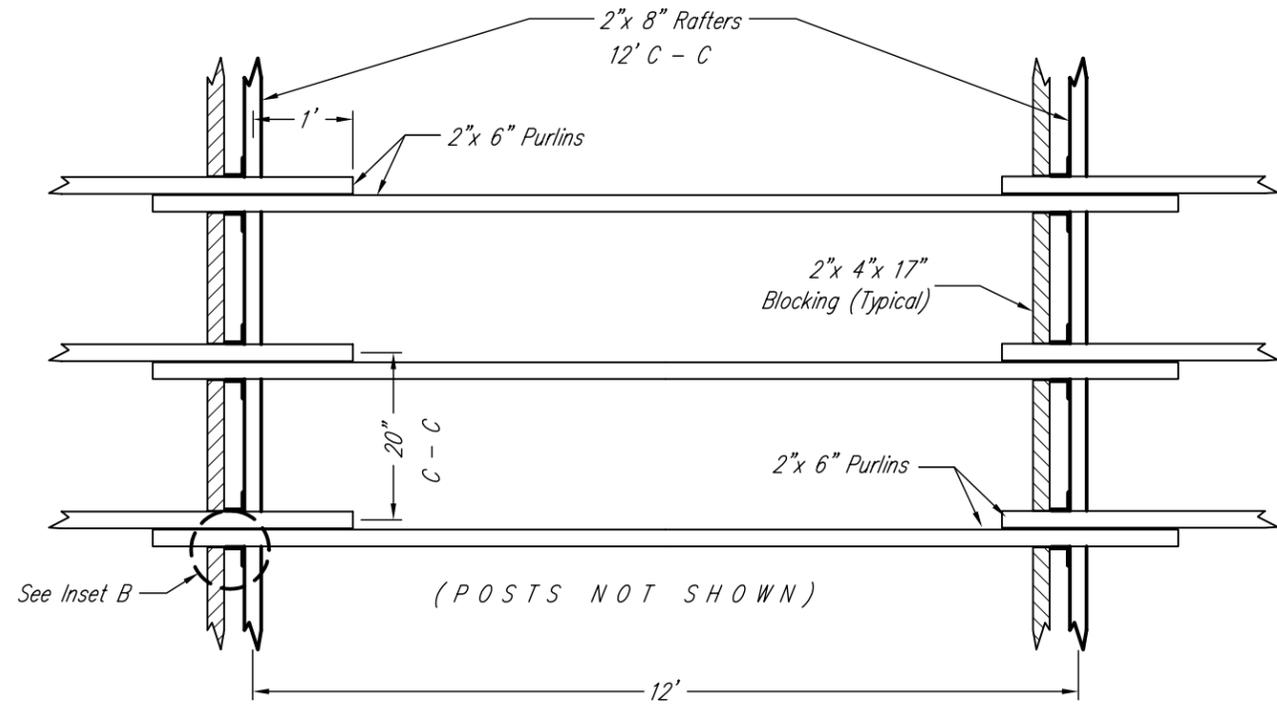
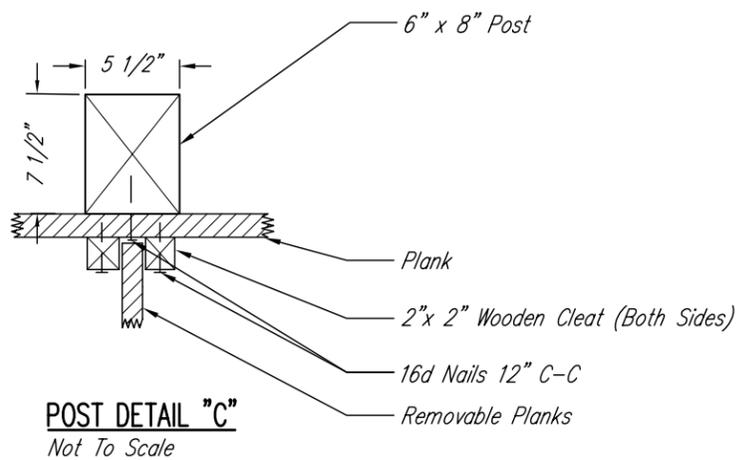
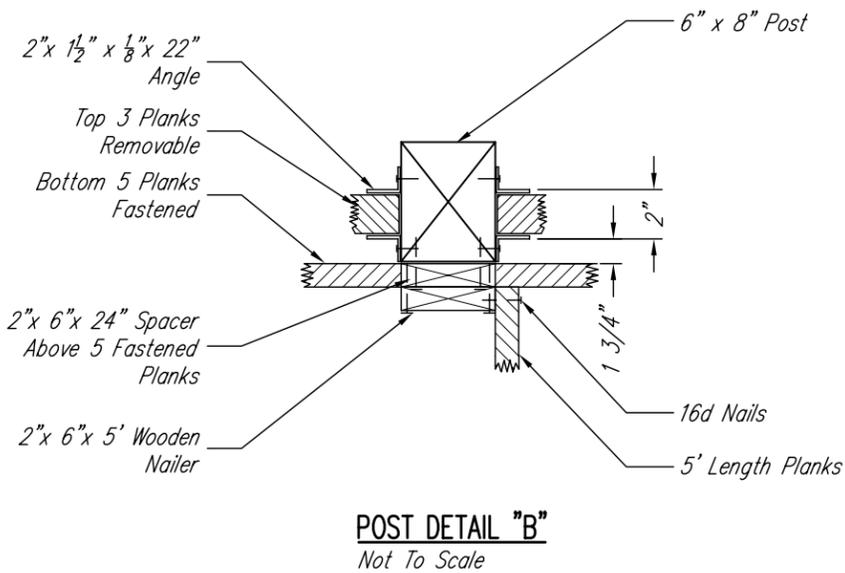
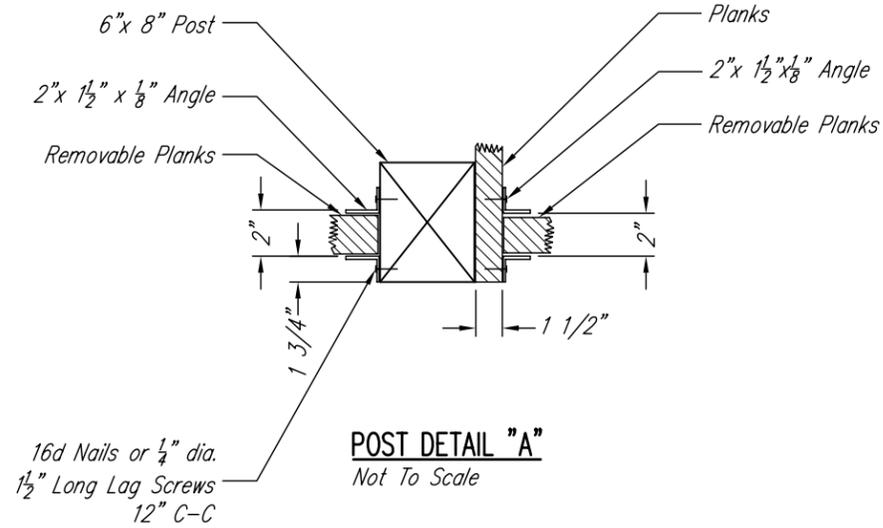
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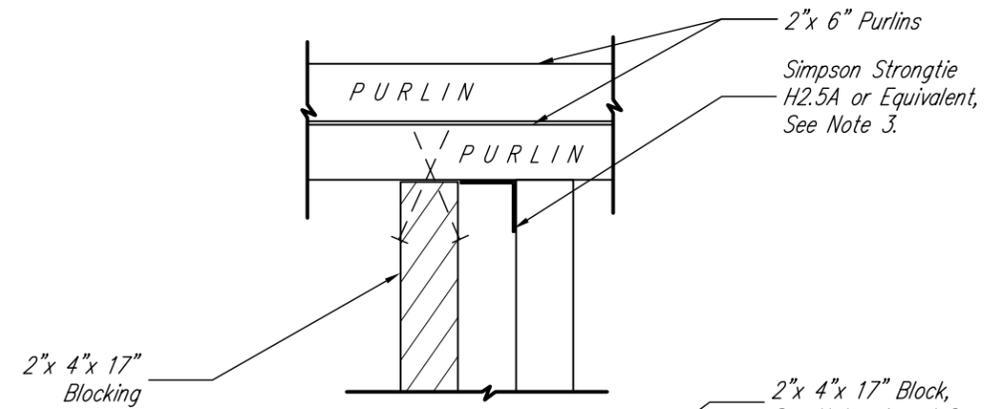
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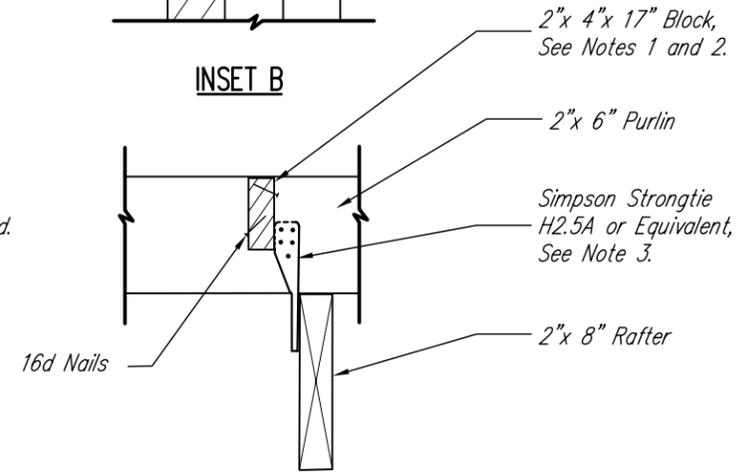
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PLAN VIEW



INSET B



END VIEW

Notes:

1. Toe nail blocking with (2) 16d nails at each end.
2. Place tight fitting 2" x 4" block flush with the top of purlins.
3. Install Purlin connectors according to manufacturer's recommendations.
4. Min. Purlin length shall be 14'-0".

ROOF BLOCKING DETAILS

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