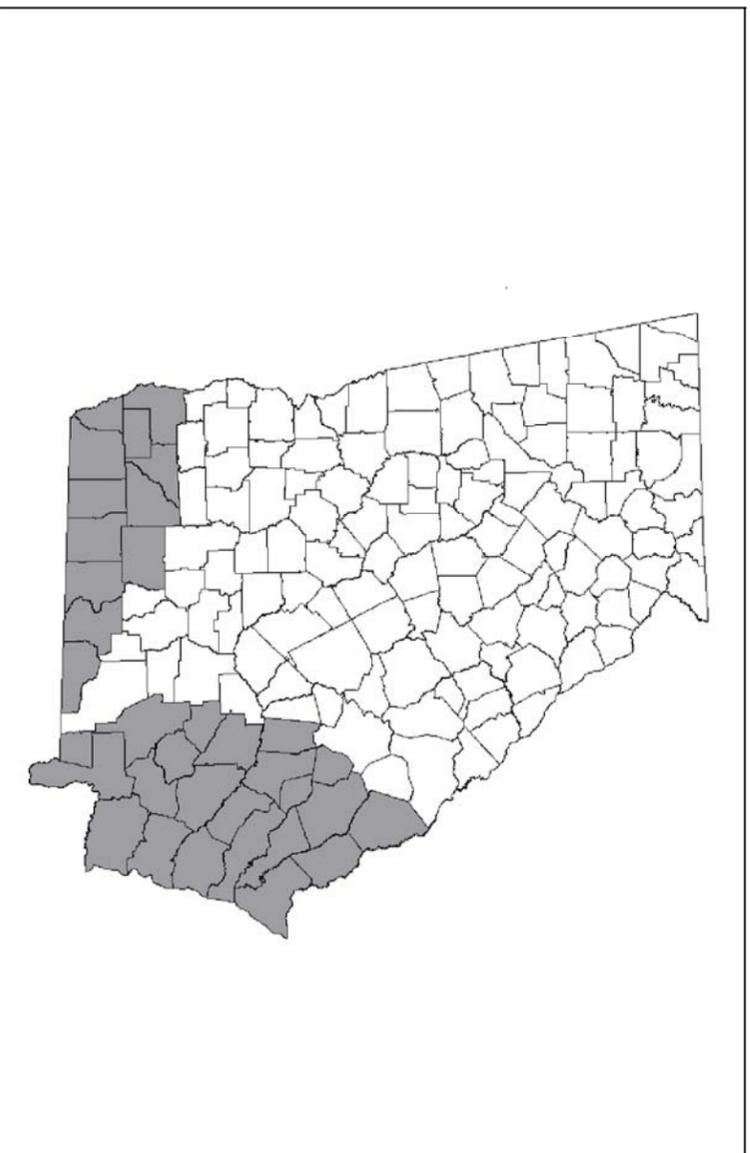


**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

**GEORGIA STANDARD DRAWINGS - 20' WIDE, STAND ALONE
COMPOST FACILITY (NO ROOF) CONSTRUCTED WITH 6" X 6" POSTS.**

1. THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE WITH PRACTICE CODE 317 - COMPOSTING FACILITY
2. THIS DESIGN IS APPROVED FOR OPERATIONS COMPOSTING ORGANIC MATERIALS WITHOUT LIVESTOCK AND POULTRY WASTE LOADS.
3. THIS DESIGN IS NOT INTENDED FOR USE IN EXTREME SOUTH AND EAST COUNTIES OF THE STATE THAT ARE SUBJECT TO HURRICANE WIND LOADS (SEE MAP BELOW).
4. THIS DESIGN IS NOT INTENDED FOR USE WITH STRUCTURES WHERE A PERMANENTLY AFFIXED ROOF STRUCTURE IS DESIRED OR REQUIRED.
4. THIS DESIGN IS NOT INTENDED FOR CONSTRUCTION ON AN ISOLATED HILL, RIDGE OR ESCARPMENT IN ANY REGION OF THE STATE.
5. ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY AN ENGINEER WITH JOB APPROVAL LEVEL IV OR GREATER.
6. NO ADDITIONS SHOULD BE MADE TO STRUCTURE WITHOUT APPROVAL FROM NRCS.



This design is not intended for use in counties subject to hurricane wind loads shaded gray above. Refer to GA-ENG-317-c11 using concrete walls in counties shaded gray.

_____ **COMPOST FACILITY**
_____ **COUNTY, GEORGIA**

INDEX TO DRAWINGS:

- SHEET 1 - COVER SHEET
- SHEET 2 - GENERAL NOTES
PLAN VIEW
ELEVATION VIEW
FRONT VIEW
- SHEET 3 - WOOD TREATMENT TABLE
FIBER REINFORCED CONTRACTION JOINT
CONCRETE POST FOOTING DETAIL
STANDARD BIN FRONT - TOP VIEW

PRE-CONSTRUCTION CERTIFICATION:

THE FOLLOWING DRAWINGS AND PRACTICE CODE 317. ALL CHANGES WERE APPROVED BY AN ENGINEER WITH JOB APPROVAL AUTHORITY LEVEL IV OR GREATER.

OWNER	DATE	NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE

AS-BUILT CERTIFICATION:

THIS PRACTICE HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND MEETS NRCS STANDARDS AND SPECIFICATIONS.

NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE



COMPOSTING FACILITY:

JOB CLASS: _____

DATE	APPROVED	TITLE

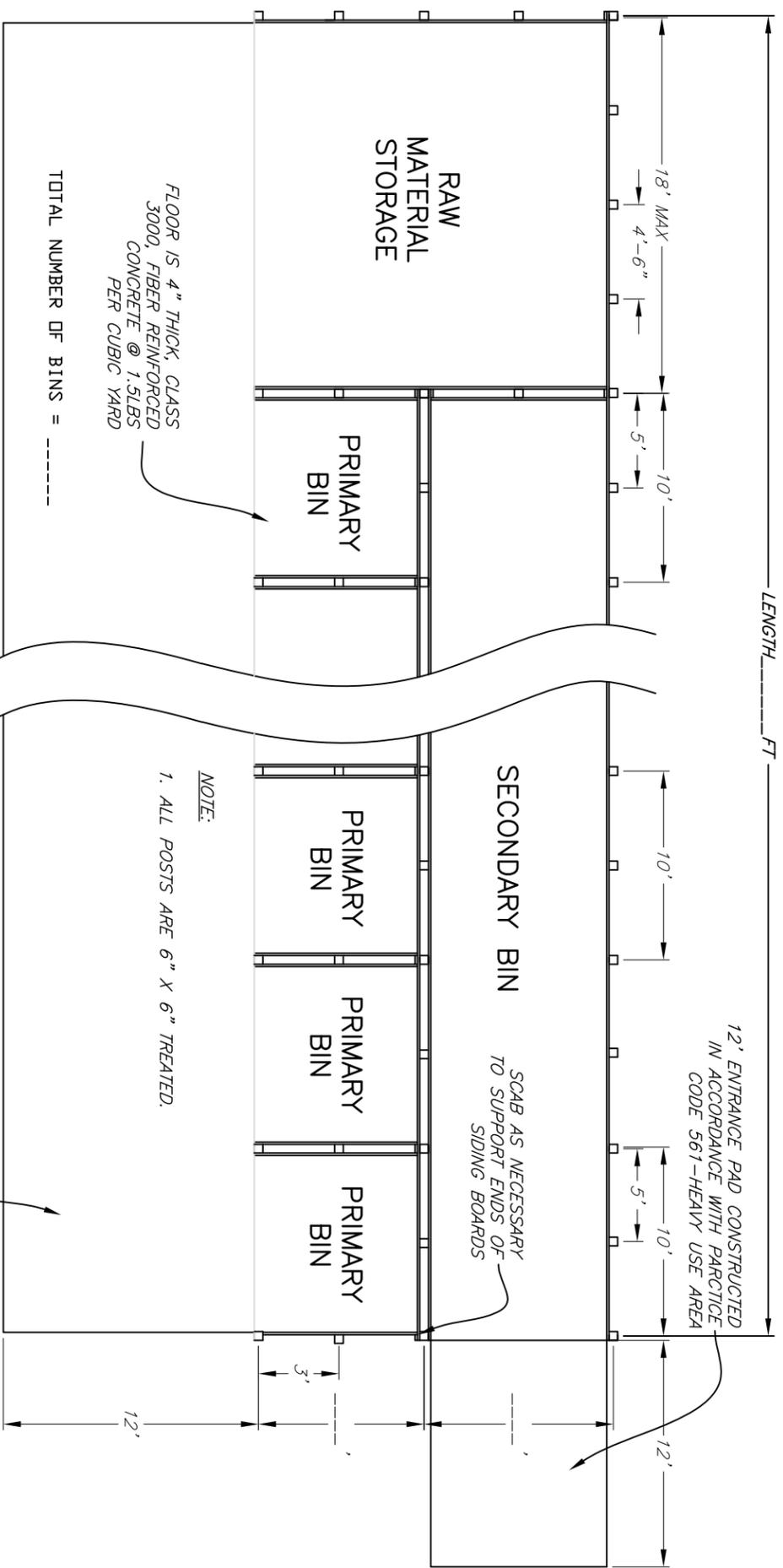
Designed	_____	Date	_____
Drawn	<i>B. Wright</i>		<i>12/12</i>
Checked	_____		_____
Approved	_____		_____

GEORGIA COMPOSTING FACILITY
No Roof - Wood Posts

_____ County, GA



**THE NATURAL RESOURCES CONSERVATION SERVICE
HELPING PEOPLE HELP THE LAND.**

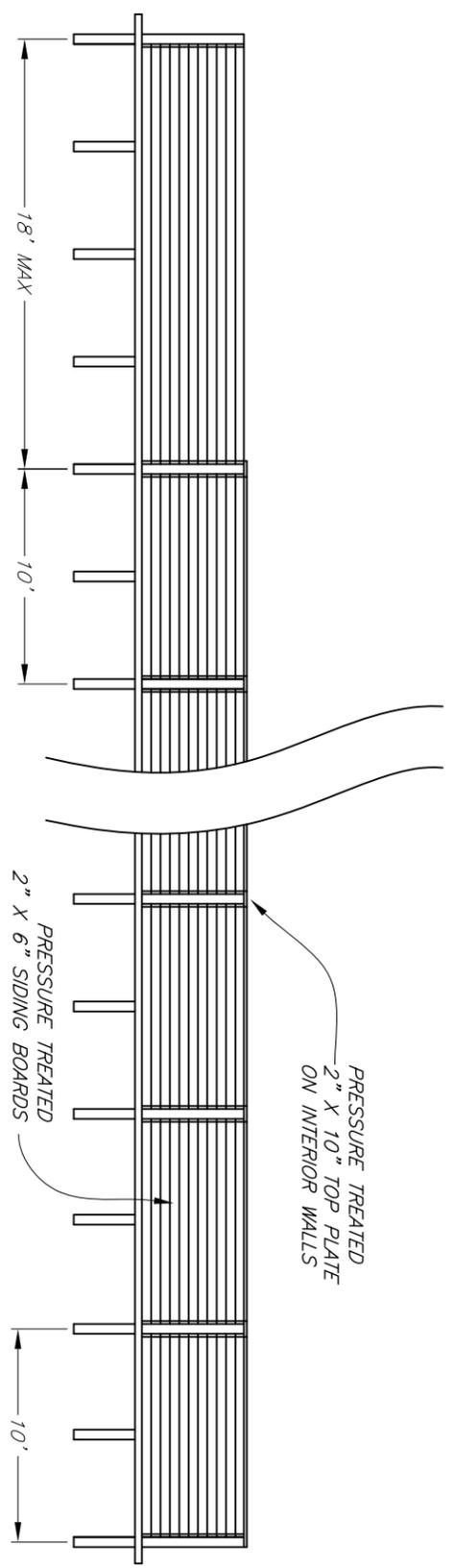


FLOOR IS 4" THICK, CLASS 3000, FIBER REINFORCED CONCRETE @ 1.5LBS PER CUBIC YARD

TOTAL NUMBER OF BINS = _____

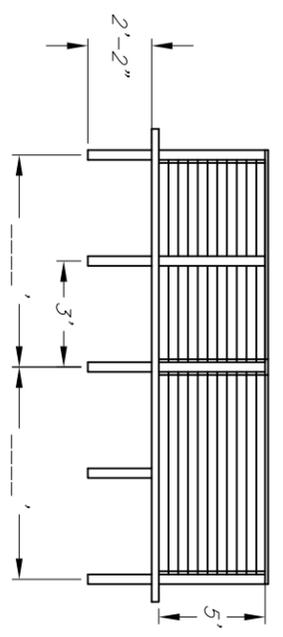
CONCRETE QUANTITY:
 (1) FLOOR _____CY
 (2) POST HOLES _____CY
 (3) ENTRANCE PAD _____CY

PLAN VIEW



FRONT VIEW

- NOTES:
- ALL ENTRANCE AREAS SHALL BE STABILIZED USING PRACTICE STANDARD 561 - HEAVY USE AREA.
 - ALL POSTS SHALL BE SET IN CONCRETE WITH CONCRETE OR GRAVEL FOOTING PAD (SEE CONCRETE POST FOOTING DETAIL ON SHEET 3).
 - THE BUILDING SITE SHALL BE CLEARED AND GRUBBED AS REQUIRED. PROPER DRAINAGE SHALL BE PROVIDED AROUND THE ENTIRE BUILDING SO THAT RUNOFF WATER DOES NOT ENTER OR POND NEAR BUILDING.
 - CONCRETE FLOORS AND FOOTINGS SHALL BE PLACED ON FIRM SOIL. ALL LOOSE SOIL SHALL BE REMOVED. IF FILL MATERIAL IS USED, PLACE IN 9" THICK LAYERS AND COMPACT WITH SHEEPSFOOT ROLLER OR OTHER EQUIVALENT COMPACTION METHOD.
 - ALL LUMBER, INCLUDING THE POSTS, IN CONTACT WITH LITTER, COMPOST, OR CONCRETE SHALL BE PRESSURE TREATED (SEE WOOD TREATMENT TABLE ON SHEET 3). FOR ORGANIC OPERATIONS ALTERNATE WOOD TYPES MUST BE APPROVED BY NRCS AND ADDITIONAL MAINTENANCE REQUIREMENTS DOCUMENTED IN WRITING.
 - ALL DIMENSION LUMBER SHALL BE SOUTHERN PINE NO. 2 OR BETTER.
 - ALL NAILS, BOLTS AND OTHER CONNECTORS SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE, OR COPPER. NAILS SHALL HAVE SPIRALED OR RINGED (ANNULAR) SHANKS. ALL REFERENCES TO "GALVANIZED" IN THIS SET OF DRAWINGS REFERS TO THE ABOVE LISTED COATINGS.
 - ON SITE WATER SOURCE IS NECESSARY TO MAINTAIN MOISTURE CONTENT OF COMPOST.
 - ALL DISTURBED AREAS SHALL BE VEGETATED USING PRACTICE CODE 342 - CRITICAL AREA PLANNING.
 - CALL BEFORE YOU DIG: 1-800-282-7411 OR 770-623-4344.



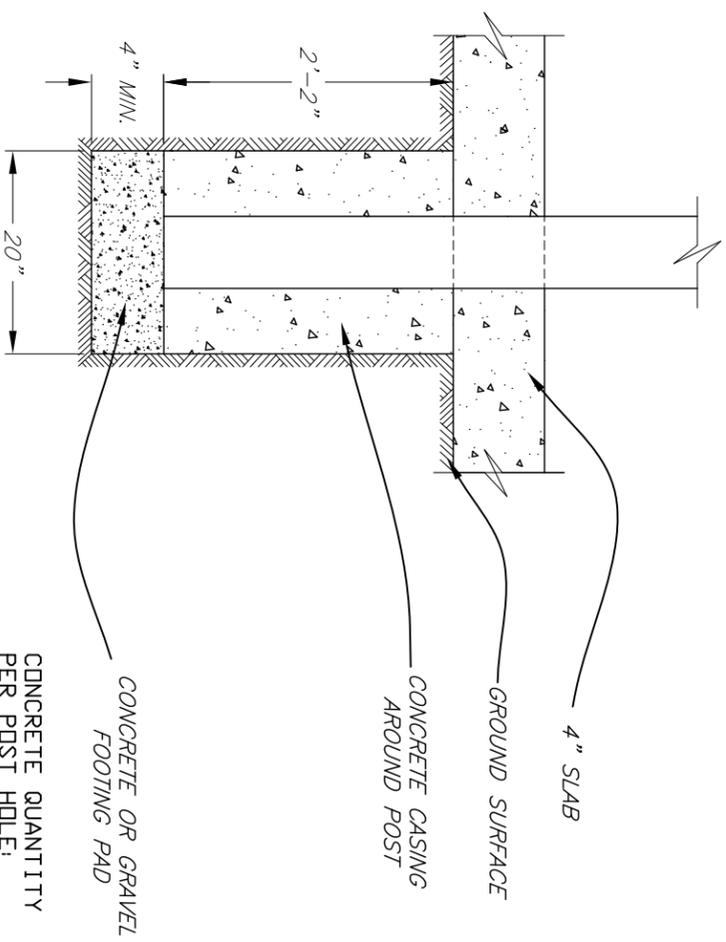
ELEVATION VIEW

REVISIONS	
DATE	TITLE



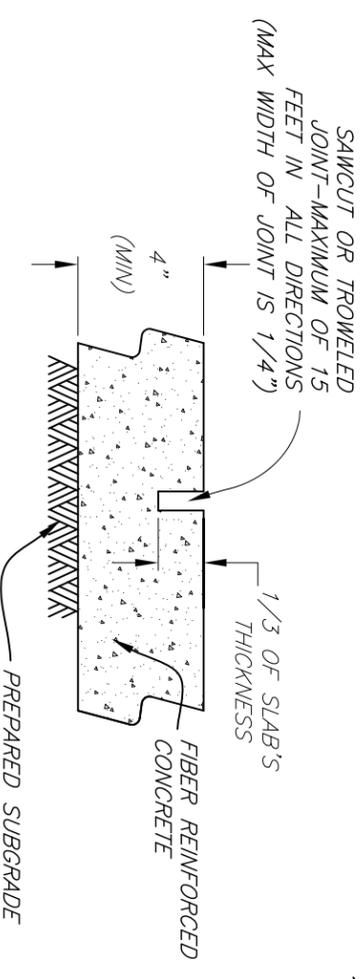
GEORGIA COMPOSTING FACILITY
 No Roof - Wood Posts

Designed	_____	Date	_____
Drawn	B. Wright		12/12
Checked	_____		_____
Approved	_____		_____

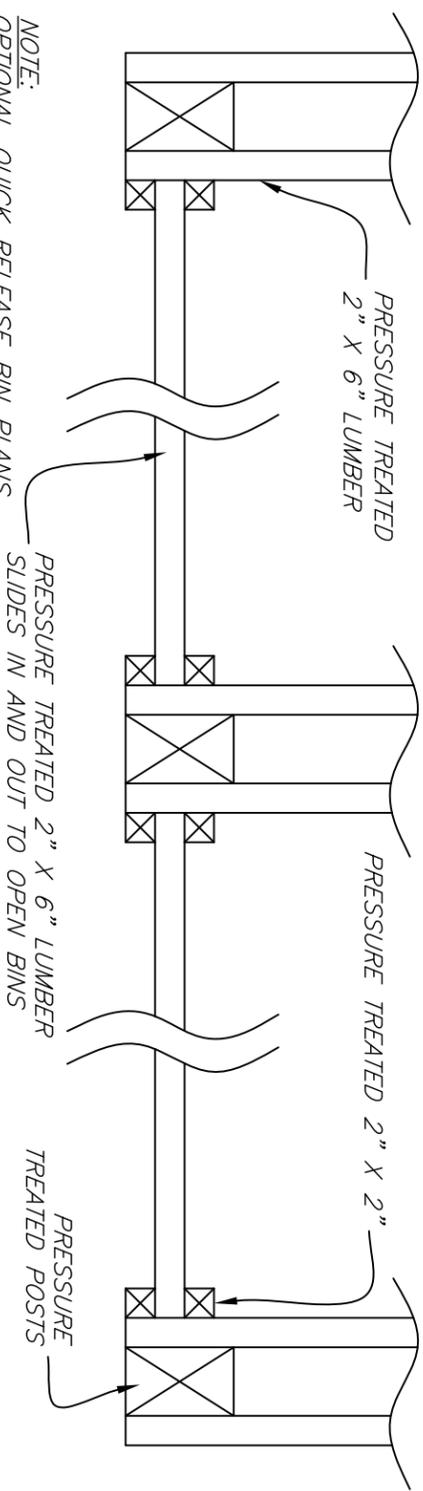


CONCRETE POST FOOTING DETAIL

CONCRETE QUANTITY PER POST HOLE:
 4" X 4" 0.19 C.Y.
 6" X 6" 0.20 C.Y.



FIBER REINFORCED CONTRACTION JOINT



STANDARD BIN FRONT - TOP VIEW

NOTE:
 OPTIONAL QUICK RELEASE BIN PLANS ARE AVAILABLE. SEE YOUR NRCS REPRESENTATIVE FOR DETAILS.

WOOD TREATMENT TABLE

MINIMUM RETENTION RATES IN PCF					
USE	CCA	ACQ-C/D	CBA-A	CA-B	MCA
GROUND CONTACT DR FRESH WATER	0.40	0.40	0.41	0.21	0.15
IMPORTANT STRUCTURAL MEMBERS	N/A	N/A	N/A	N/A	N/A

CCA - CHROMATED COPPER ARSENATE
 ACQ-C/D - ALKALINE COPPER QUATERNARY
 CBA-A & CA-B - COPPER AZOLE
 MCA - MICRONIZED COPPER AZOLE



GEORGIA COMPOSTING FACILITY
 No Roof - Wood Posts

Date _____
 Designed _____
 Drawn B. Wright 12/12
 Checked _____
 Approved _____

_____ County, GA

DATE	APPROVED	TITLE

File No. _____
 Drawing No. _____
 Details _____
 Sheet 3 of 3