

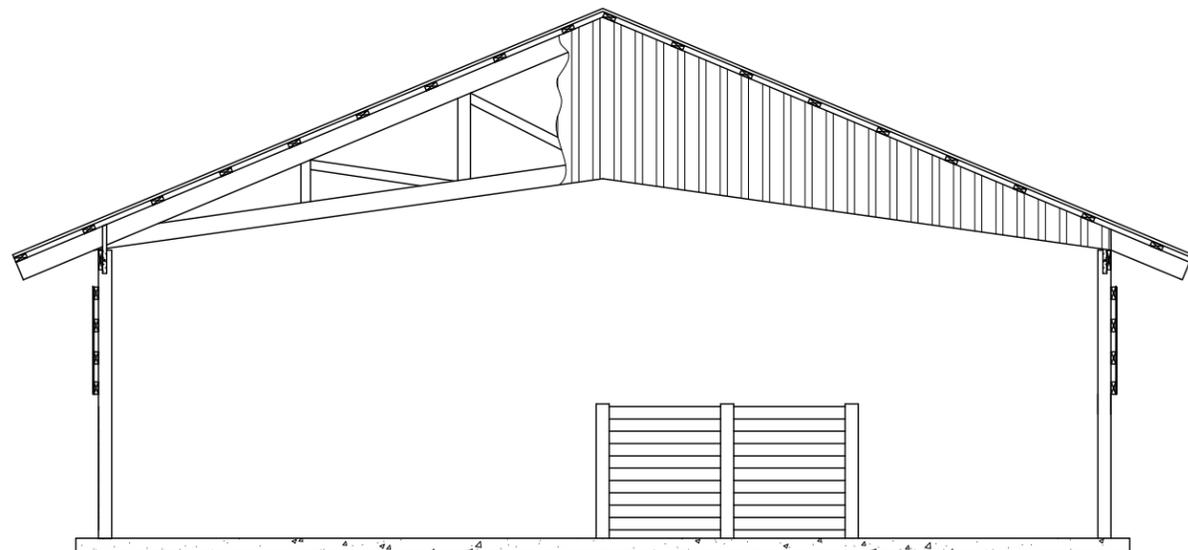
**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

**GEORGIA STANDARD DRAWINGS - COMBINATION
STACK / COMPOST FACILITY WITH STANDARD
COMPOST BINS.**

THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE WITH PRACTICE CODE 317 – COMPOSTING FACILITY AND GEORGIA BUILDING CODE (INTERNATIONAL BUILDING CODE 2006). ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY AN ENGINEER WITH JOB APPROVAL LEVEL IV OR GREATER.

THIS DESIGN IS NOT A STAND ALONE PRODUCT. THESE DRAWINGS SHALL BE ATTACHED TO ONE OF THE FOLLOWING GEORGIA POULTRY DRY STACK FACILITY DRAWINGS:

**ga-eng-313-ps1.pdf, ga-eng-313-ps2.pdf, ga-eng-313-ps3.pdf, or
ga-eng-313-ps4.pdf.**



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

PRE-CONSTRUCTION CERTIFICATION:

THE _____ COMPOSTING FACILITY HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING DRAWINGS AND PRACTICE CODE 317. ALL CHANGES HAVE BEEN APPROVED BY AN ENGINEER WITH JOB APPROVAL AUTHORITY LEVEL IV OR GREATER. ALL ADDITIONS HAVE BEEN APPROVED BY NRCS.

OWNER	DATE	NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
-------	------	---------------------	------	------------------------	------

AS-BUILT CERTIFICATION:

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

NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
---------------------	------	------------------------	------

COMPOSTING FACILITY:
JOB CLASS: _____

- INDEX TO DRAWINGS:
- SHEET 1 - COVER SHEET
 - SHEET 2 - PLAN VIEW
 - SHEET 3 - STANDARD BIN FRONT - TOP VIEW
BIN WALL AND POST EMBEDMENT

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

Date _____ 10/07
Designed _____ W. Brown
Drawn _____ S. Rogers
Checked _____ H. McFarland
Approved _____ J. Holloway
Approved _____ H. McFarland

GEORGIA COMBINATION
STACK/COMPOSTING FACILITY
(Standard Bin Layout)
County, GA

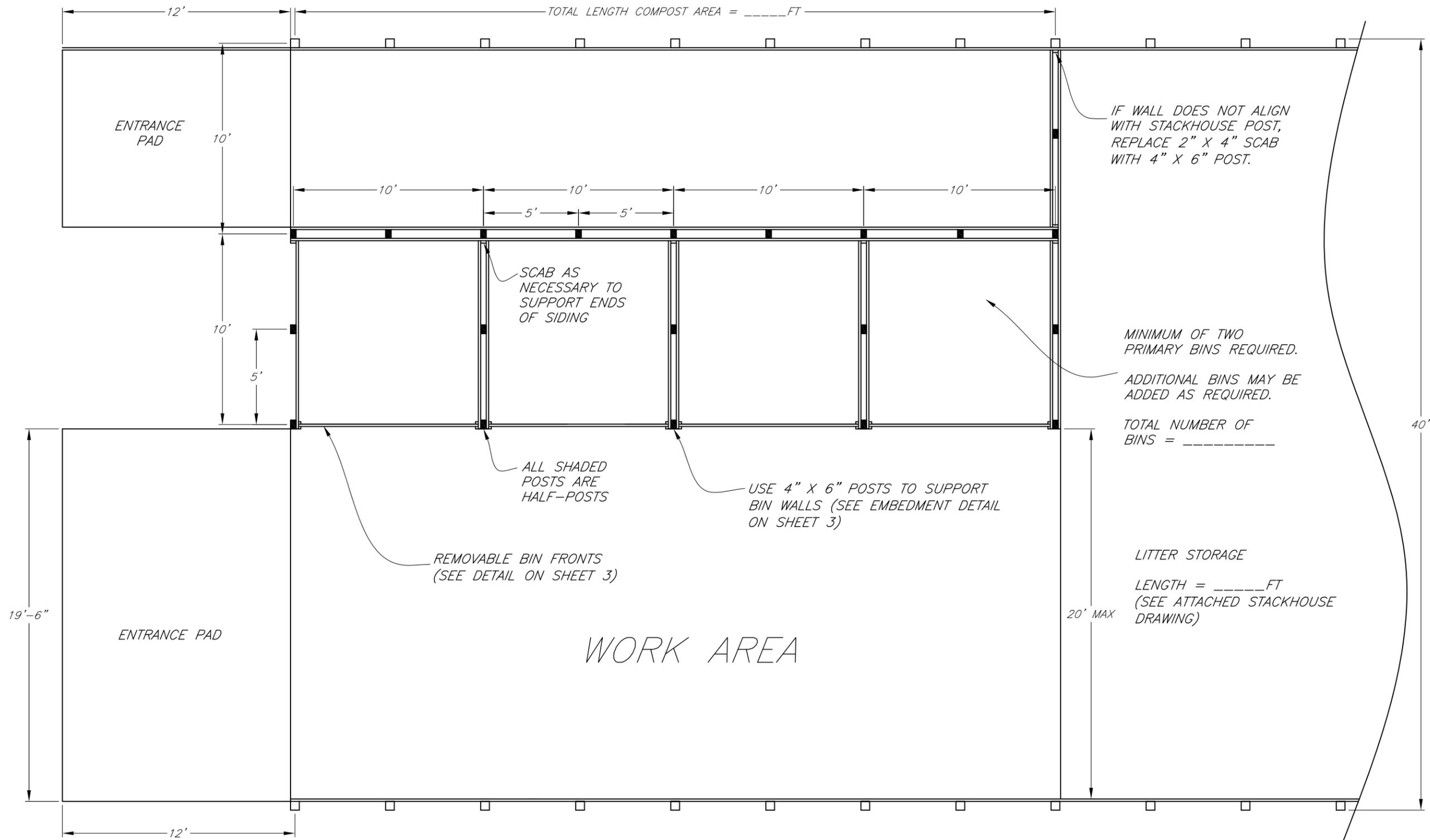


File No.
ga-eng-317-c6.pdf

Drawing No.
Cover

REVISIONS		
DATE	APPROVED	TITLE
09/05	H. MCFARLAND	STATE ENGINEER
10/07	H. MCFARLAND	STATE ENGINEER
06/11	J. HOLLOWAY	STATE ENGINEER

06/15/2011 8:57 AM
Sheet 1 of 3



PLAN VIEW

Date	10/07
Designed	W. Brown
Drawn	S. Rogers H. McFarland
Checked	J. Holloway
Approved	H. McFarland

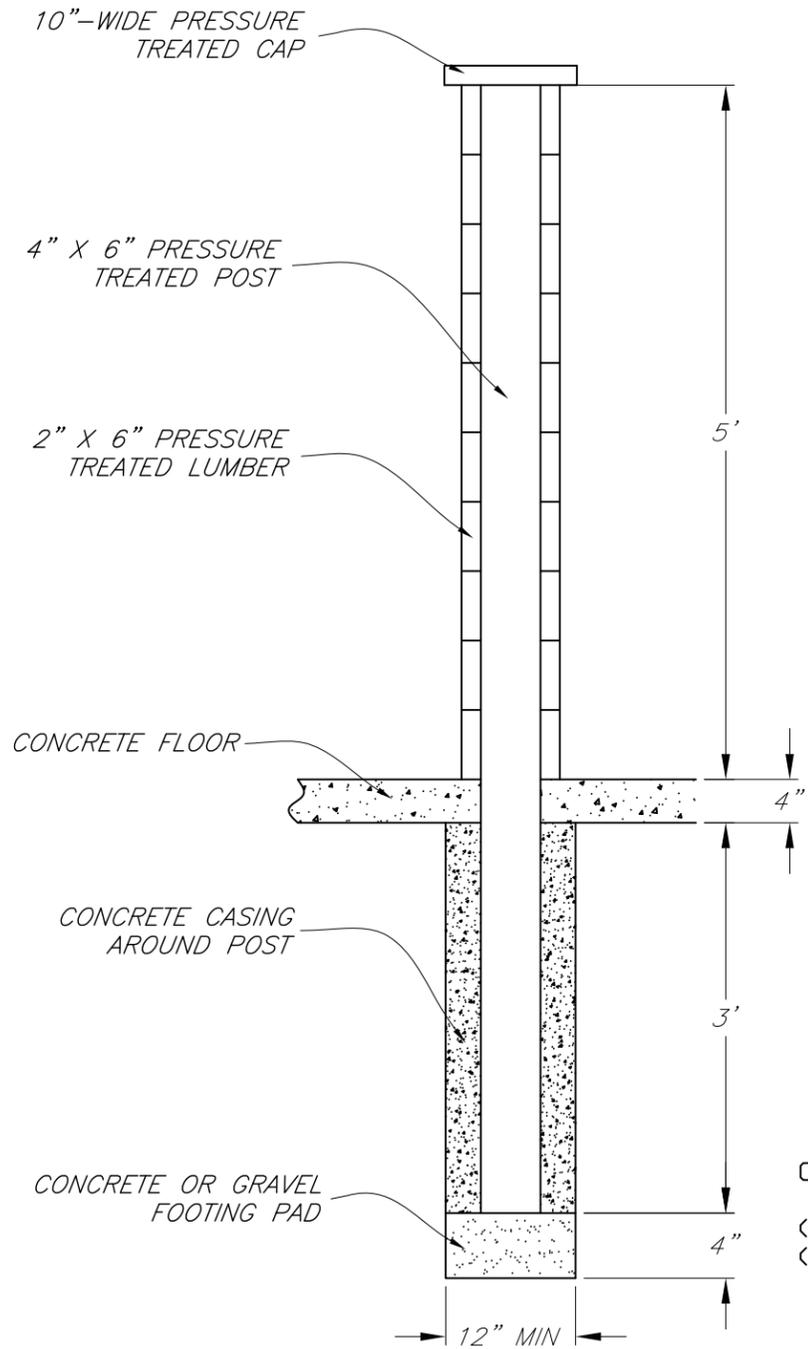
GEORGIA COMBINATION
STACK/COMPOSTING FACILITY
(Standard Bin Layout)



File No.
ga-eng-317-c6.pdf

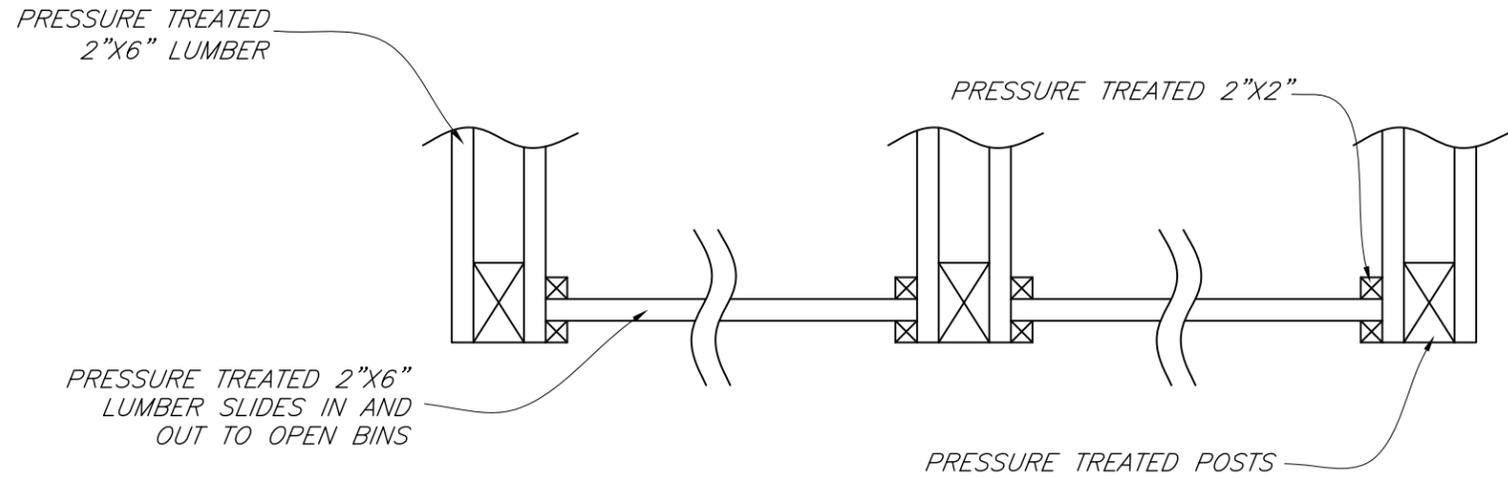
Drawing No.
Plan

REVISIONS		
DATE	APPROVED	TITLE
09/05	H. MCFARLAND	STATE ENGINEER
10/07	H. MCFARLAND	STATE ENGINEER



CONCRETE QUANTITY
PER POST HOLE: 0.20 CY

BIN WALL AND POST EMBEDMENT



STANDARD BIN FRONT - TOP VIEW

NOTES:

1. ALL ENTRANCE PADS SHALL BE STABILIZED USING PRACTICE STANDARD 561 - HEAVY USE AREA.
2. ALL POSTS SHALL BE SET IN CONCRETE WITH CONCRETE OR GRAVEL FOOTING PAD (SEE BIN WALL AND POST EMBEDMENT DETAIL ON THIS SHEET).
3. ON SITE WATER SOURCE IS NECESSARY TO MAINTAIN MOISTURE CONTENT OF COMPOST.
4. OPTIONAL QUICK RELEASE BIN PLANS ARE AVAILABLE. SEE YOUR NRCS REPRESENTATIVE FOR DETAILS.

CONCRETE QUANTITY: *

- (1) BIN WALL POST HOLES _____CY
- (2) ENTRANCE PAD _____SQFT

* REFER TO STACKHOUSE DRAWING FOR ALL OTHER CONCRETE QUANTITIES

WOOD TREATMENT TABLE

USE	MINIMUM RETENTION RATES IN PCF				
	CCA	ACQ-C/D	CBA-A	CA-B	MCA
GROUND CONTACT OR FRESH WATER	0.40	0.40	0.41	0.21	0.15
IMPORTANT STRUCTURAL MEMBERS	0.60	0.60	0.61	0.31	0.23

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

NOTES:

1. ALL WOODEN WALLS, HALF POSTS, AND BIN FRONT WOOD SHALL MEET THE GROUND CONTACT RATES.
2. ALL SUPPORT POSTS SHALL MEET THE IMPORTANT STRUCTURAL MEMBER RATES.

REVISIONS		
DATE	APPROVED	TITLE
09/05	H. MCFARLAND	STATE ENGINEER
10/07	H. MCFARLAND	STATE ENGINEER
10/10	J. HOLLOWAY	STATE ENGINEER

Date	Designed	Drawn	Checked	Approved
10/07	W. Brown	S. Rogers	H. McFarland	H. McFarland
10/07		H. McFarland	J. Holloway	
10/07				

GEORGIA COMBINATION
 STACK/COMPOSTING FACILITY
 (Standard Bin Layout)



File No.

go-eng-317-c6_rev 102010.pdf

Drawing No.
Detail 1

10/27/2010 5:04 PM

Sheet 3 of 3