

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

**GEORGIA STANDARD DRAWINGS - COMBINATION  
STACK / COMPOST FACILITY WITH FOUR DEEP  
COMPOST BINS IN END OF BUILDING. FOR USE  
WITH BUILDINGS WITH 8-FOOT POST SPACING  
AND 12' MAX POST HEIGHT.**

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.

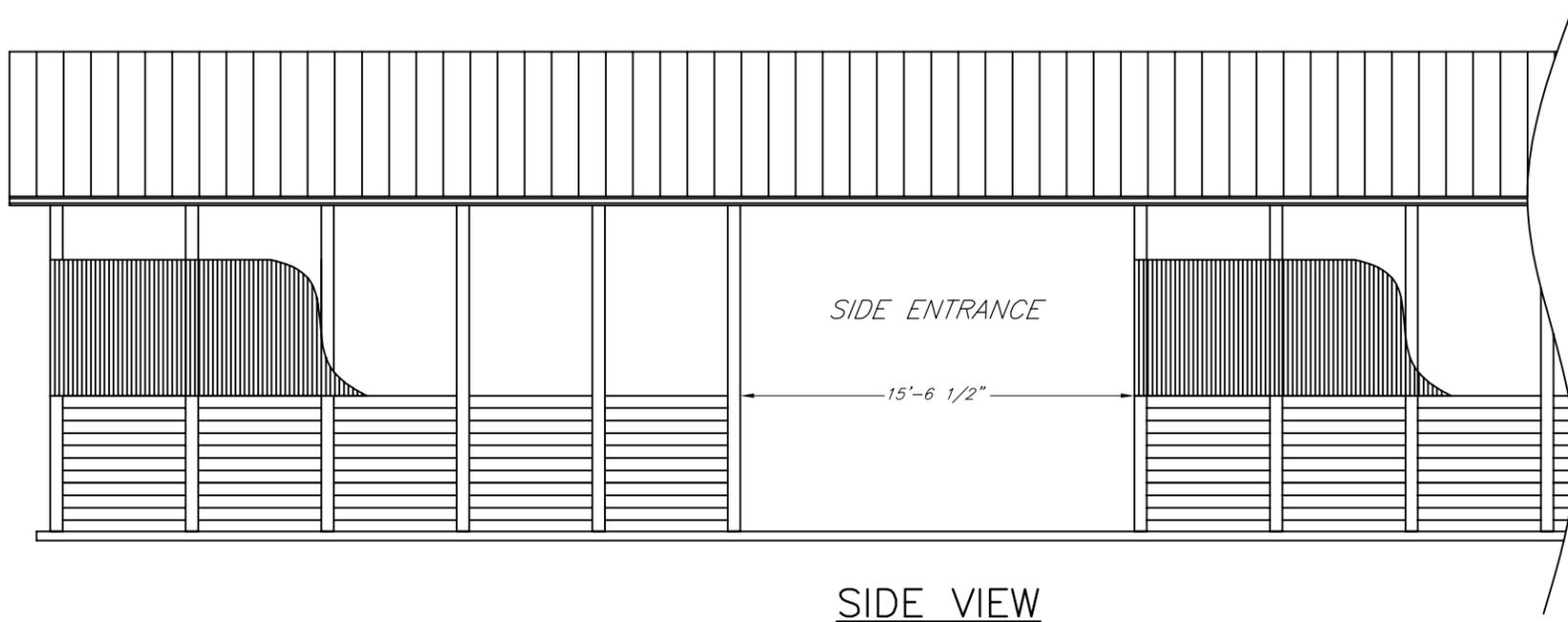
THIS FACILITY IS DESIGNED TO SUSTAIN 90 MPH WINDS WITH 10 PSF SNOW LOAD OR 100 MPH WINDS WITH NO SNOW LOAD. THIS DESIGN IS NOT A STAND ALONE PRODUCT. THESE DRAWINGS SHALL BE ATTACHED TO GEORGIA POULTRY DRY STACK FACILITY DRAWING: **ga-eng-313-ps2.pdf**.

\_\_\_\_\_ **STACK / COMPOST FACILITY**  
\_\_\_\_\_ **COUNTY, GEORGIA**

CERTIFICATION:

THE \_\_\_\_\_ COMBINATION STACK / COMPOST FACILITY WILL BE CONSTRUCTED IN ACCORDANCE WITH 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 _____
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SIDE VIEW

INDEX TO DRAWINGS:

- SHEET 1 - COVER SHEET  
SIDE VIEW
- SHEET 2 - PLAN VIEW
- SHEET 3 - SIDE ENTRANCE DETAIL  
BIN WALL AND POST EMBEDMENT DETAIL  
CONCRETE POST FOOTING DETAIL  
MECHANICAL POST ANCHOR CONCRETE FOOTING DETAIL
- SHEET 4 - GIRDER HANGER DETAILS  
TRUSS TO POST CONNECTION DETAIL  
TRUSS TO HEADER BEAM DETAIL

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

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

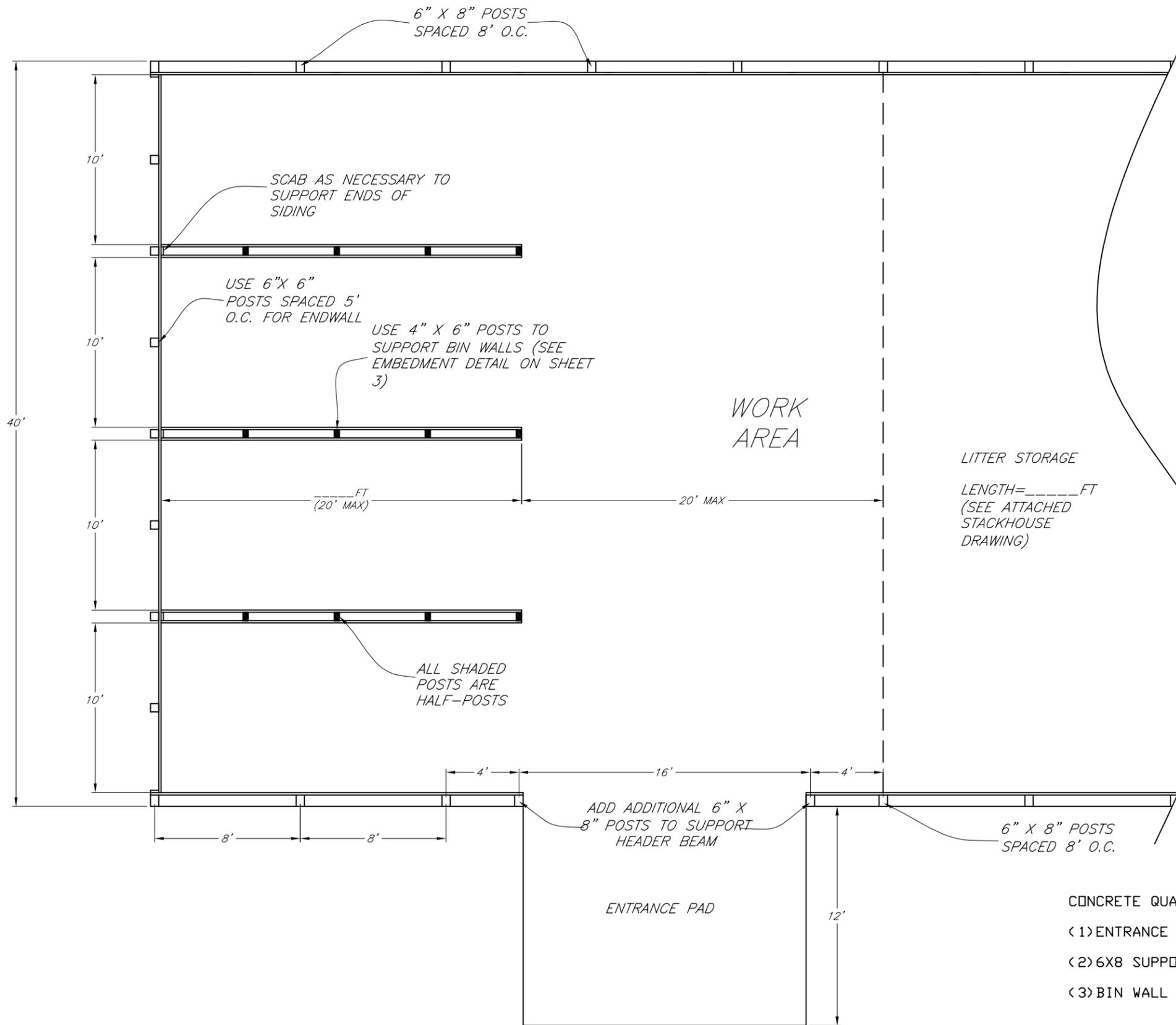
GEORGIA COMBINATION  
STACK/COMPOSTING FACILITY  
(Four Deep Compost Bins)  
County, GA



File No.  
**ga-eng-317-c5.pdf**

Drawing No.  
Cover

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



**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 SHEET 3).
3. ON SITE WATER SOURCE IS NECESSARY TO MAINTAIN MOISTURE CONTENT OF COMPOST.
4. MAXIMUM BIN LENGTH IS 20'. MAXIMUM WORK AREA IS 20'.

**PLAN VIEW**

CONCRETE QUANTITY: \*

<1> ENTRANCE PAD	_____	SQFT
<2> 6X8 SUPPORT POST HOLES	_____	CY
<3> BIN WALL POST HOLES	_____	CY

NOTE: '\*' REFER TO STACKHOUSE DRAWING FOR ALL OTHER CONCRETE QUANTITIES

REVISIONS		
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09/05	H MCFARLAND	STATE ENGINEER
10/07	H MCFARLAND	STATE ENGINEER

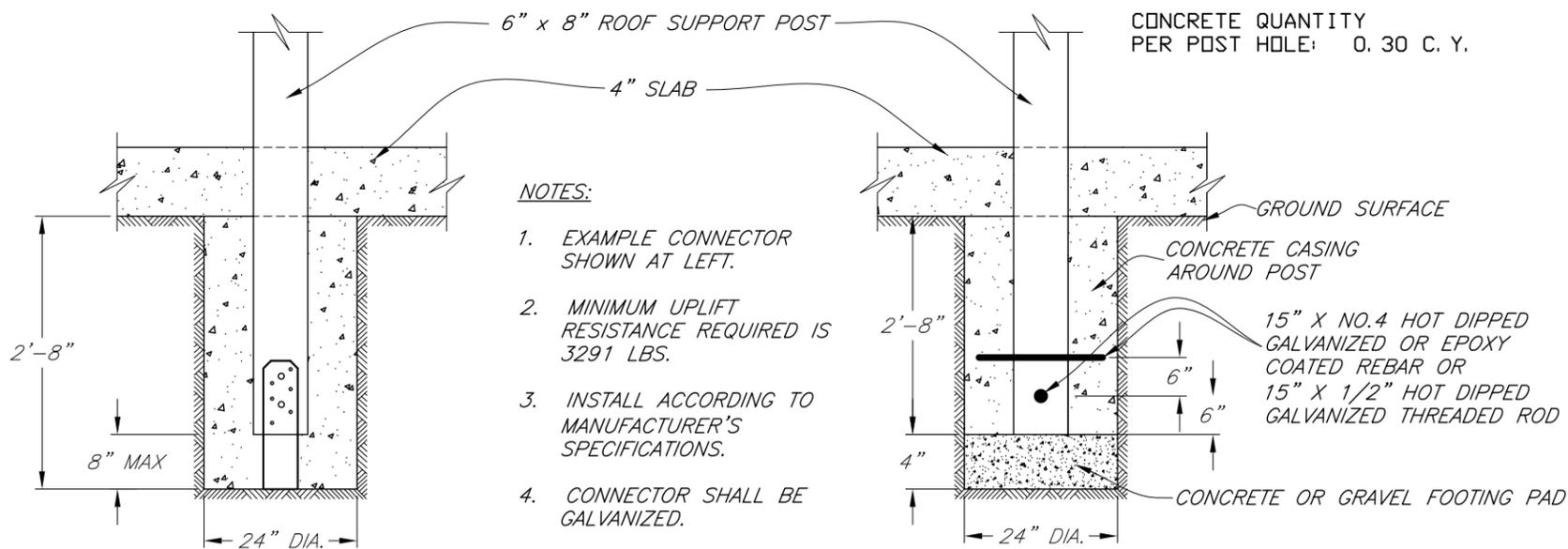
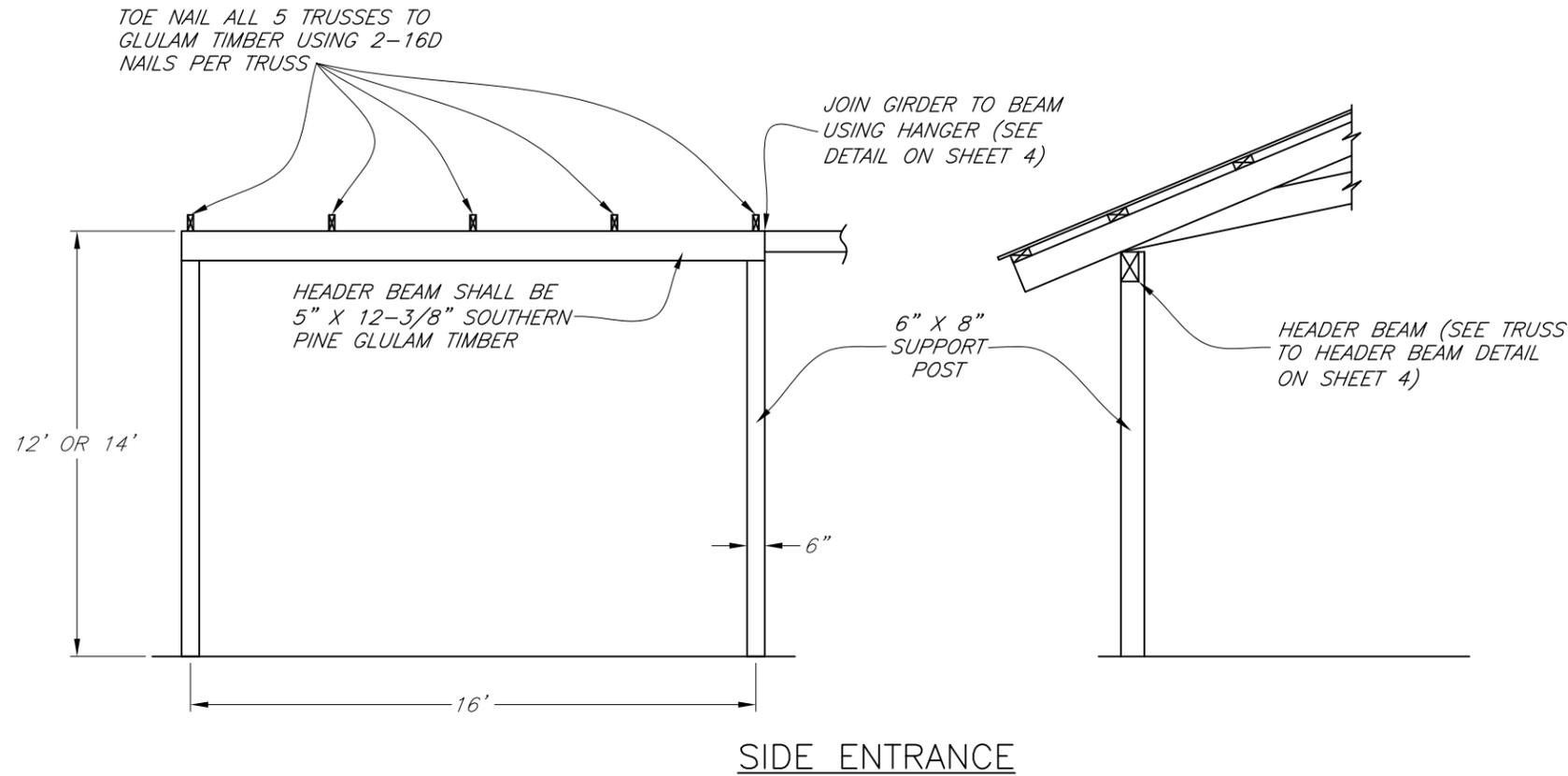
Designed	W. Brown	Date	10/07
Drawn	S. Rogers	Date	10/07
Checked	H. McFarland	Date	10/07
Approved	J. Holloway		

**GEORGIA COMBINATION  
 STACK/COMPOSTING FACILITY**  
 (Four Deep Compost Bins)  
 County, GA



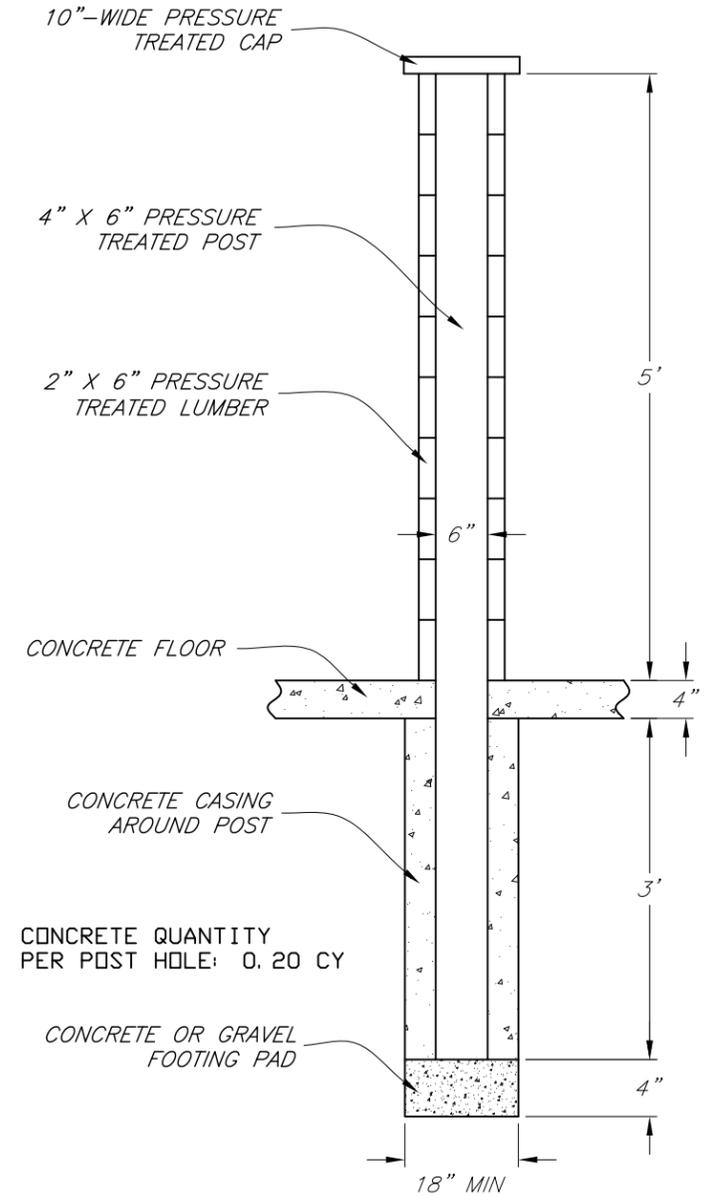
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Drawing No.  
Plan



**NOTES:**

1. EXAMPLE CONNECTOR SHOWN AT LEFT.
2. MINIMUM UPLIFT RESISTANCE REQUIRED IS 3291 LBS.
3. INSTALL ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
4. CONNECTOR SHALL BE GALVANIZED.



CONCRETE QUANTITY:

<1> BIN WALL POST HOLES \_\_\_\_\_CY

<2> ENTRANCE PAD \_\_\_\_\_SQFT

**NOTE:**  
REFER TO STACKHOUSE DRAWING FOR ALL OTHER CONCRETE QUANTITIES

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

Date 10/07  
Designed W. Brown  
Drawn S. Rogers  
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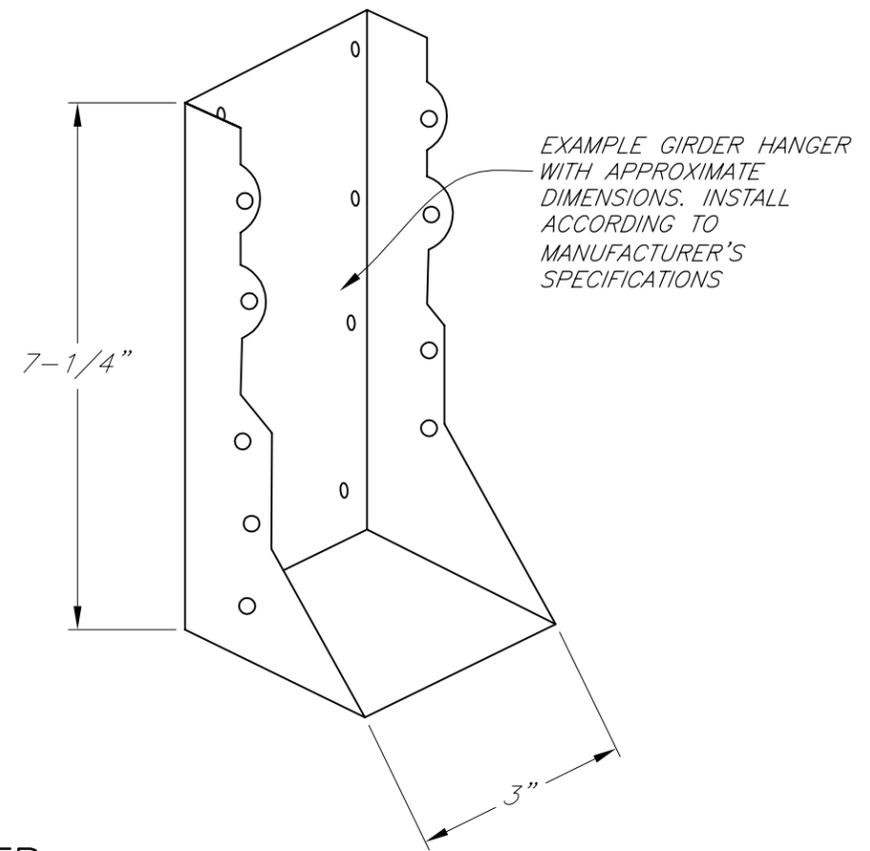
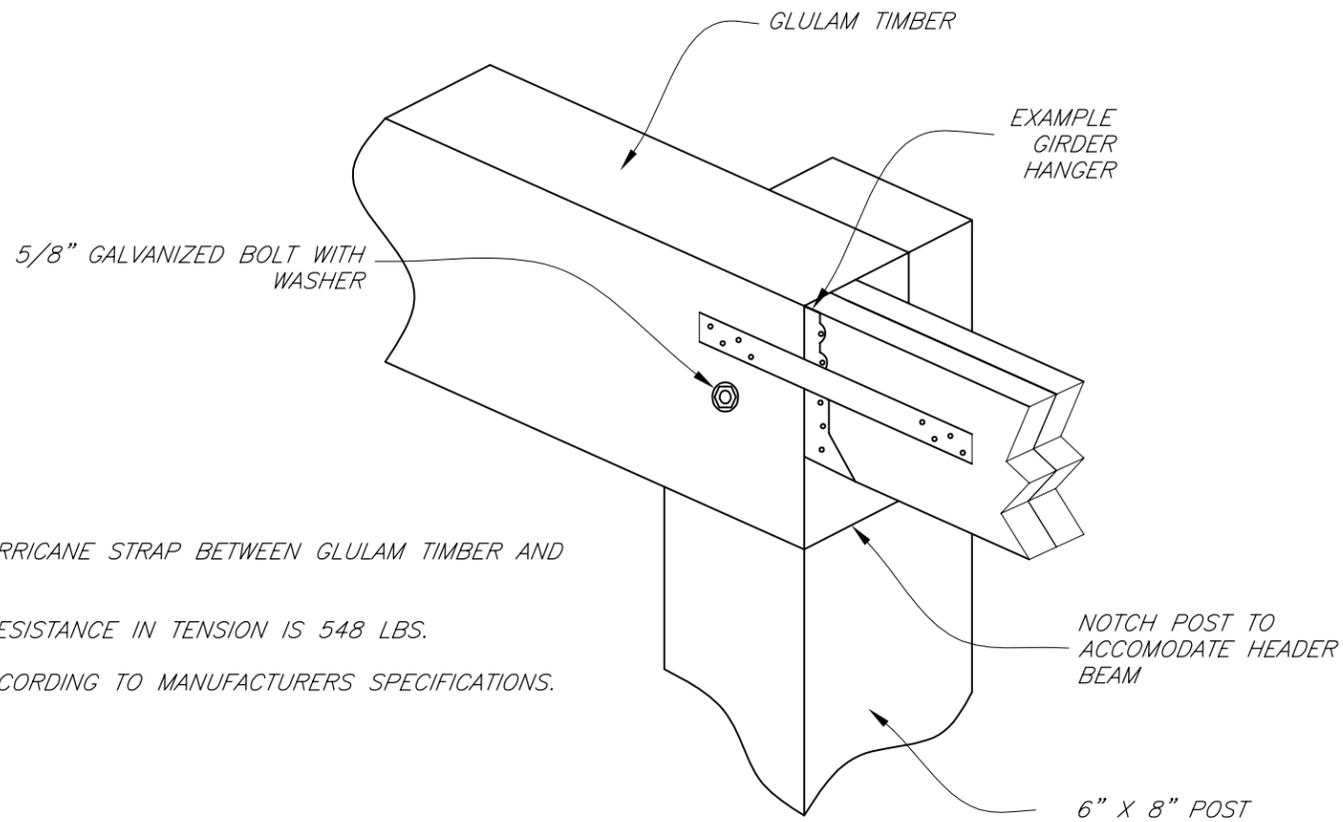
Georgia COMBINATION  
STACK/COMPOSTING FACILITY  
(Four Deep Compost Bins)  
County, GA



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Drawing No. Detail 1

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Sheet 3 of 4



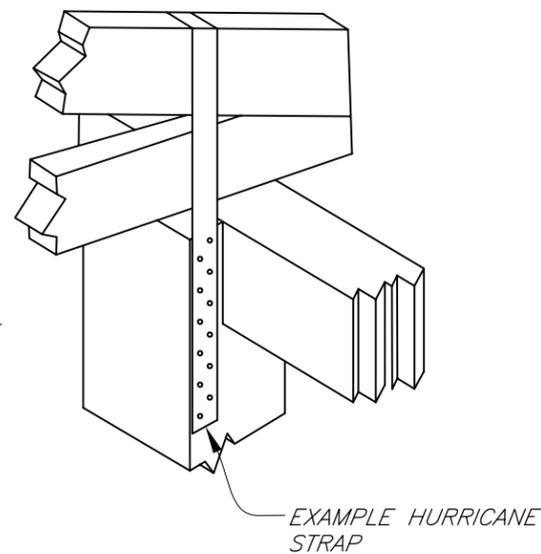
**NOTES:**

1. INSTALL HURRICANE STRAP BETWEEN GLULAM TIMBER AND GIRDER.
2. MINIMUM RESISTANCE IN TENSION IS 548 LBS.
3. INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS.

**GIRDER HANGER**

**NOTES:**

1. USE HURRICANE STRAP AT POST TO HEADER BEAM CONNECTION.
2. MINIMUM UPLIFT RESISTANCE IS 2025 LBS.
3. USE 16 GAUGE, GALVANIZED, 2-1/16\"/>

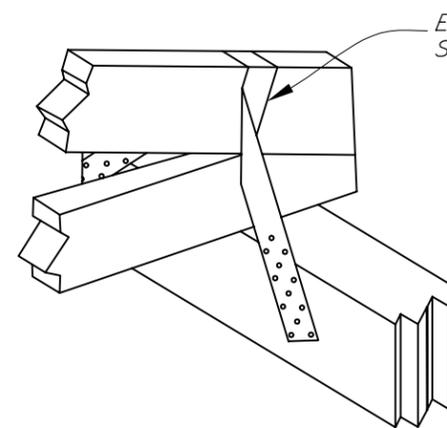


**TRUSS TO POST CONNECTION**

**EXAMPLE HURRICANE STRAP**

**NOTES:**

1. USE MANUFACTURED HURRICANE STRAPS AT TRUSS TO HEADER BEAM CONNECTIONS.
2. MINIMUM UPLIFT RESISTANCE IS 1218 LBS.
3. EXAMPLE HURRICANE STRAP IS SHOWN AT LEFT.



**TRUSS TO HEADER BEAM CONNECTION**

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

GEORGIA COMBINATION  
 STACK/COMPOSTING FACILITY  
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 County, GA



File No.  
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Drawing No.  
Detail 2

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

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 Sheet 4 of 4