

**ANIMAL MORTALITY FACILITY
 GEORGIA STANDARD DRAWINGS
 COMPOSTER EXTENSION AT REAR OF STACKING FACILITY
 FOUR DEEP COMPOSTING BINS, 8-FOOT POST SPACING**

1. THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE WITH PRACTICE CODES 316-ANIMAL MORTALITY FACILITY, 561 - HEAVY USE AREA, 367 - ROOFS AND COVERS AND GEORGIA BUILDING CODE (INTERNATIONAL BUILDING CODE 2006)
2. ANY CHANGES MADE TO THESE DRAWINGS MUST BE APPROVED BY AN ENGINEER WITH JOB APPROVAL LEVEL IV OR GREATER.
3. THIS FACILITY IS DESIGNED TO SUSTAIN 90 MPH WINDS WITH 10 PSF SNOW LOAD OR 110 MPH WINDS WITH NO SNOW LOAD.
4. NO ADDITIONS SHOULD BE MADE TO STRUCTURE WITHOUT APPROVAL FROM NRCS.
5. THESE DRAWINGS MUST BE SITE SPECIFIC TO ACCOUNT FOR WASTE PRODUCTION VALUES; LENGTH MUST BE DETERMINED.

NOTE: THIS FACILITY SHALL BE CONSTRUCTED AS AN EXTENSION OF GEORGIA NRCS STANDARD STACKING FACILITY WITH 8-FOOT POST SPACING. THIS DESIGN IS NOT A STANDALONE PRODUCT. THESE DRAWINGS SHALL BE ATTACHED TO GEORGIA POULTRY DRY STACK DRAWING: ga-eng-313-ps2.pdf

**ANIMAL MORTALITY FACILITY
 COUNTY, GEORGIA**

PRE-CONSTRUCTION CERTIFICATION:

THE _____ ANIMAL MORTALITY FACILITY HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING DRAWINGS AND PRACTICE CODES 316, 367, AND 561. ALL CHANGES HAVE BEEN APPROVED BY AN ENGINEER WITH JOB APPROVAL AUTHORITY LEVEL IV OR GREATER. ALL ADDITIONS HAVE BEEN APPROVED BY NRCS.

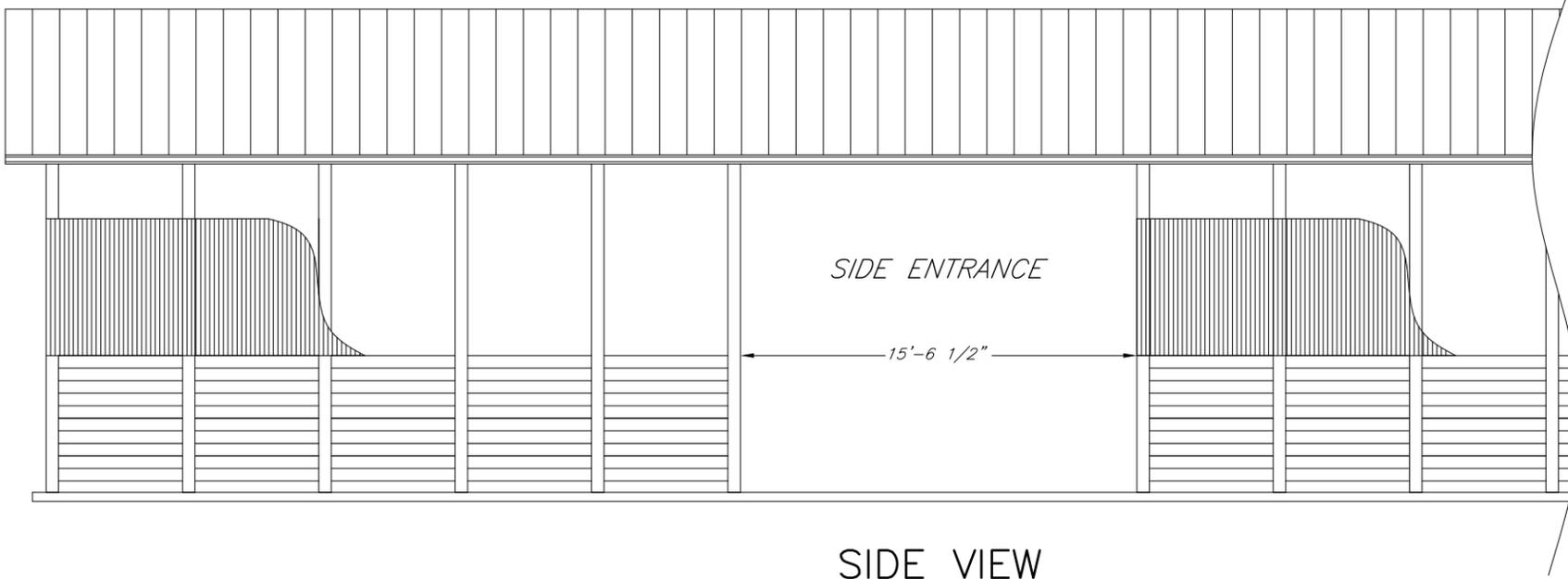
OWNER	DATE	NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
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AS-BUILT CERTIFICATION:

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

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

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



ANIMAL MORTALITY FACILITY:
 JOB CLASS: _____

HEAVY USE AREA:
 JOB CLASS: _____

ROOFS AND COVERS:
 JOB CLASS: _____

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

**UNITED STATES DEPARTMENT OF AGRICULTURE
 NATURAL RESOURCES CONSERVATION SERVICE
 HELPING PEOPLE HELP THE LAND**



REVISIONS		
DATE	APPROVED	TITLE
09/05	H. MCFARLAND	STATE ENGINEER
10/07	H. MCFARLAND	STATE ENGINEER
06/11	J. HOLLOWAY	STATE ENGINEER
07/13	D. ROBERTS	ACTING STATE ENGINEER
06/16	D. GUTHRIE	STATE ENGINEER

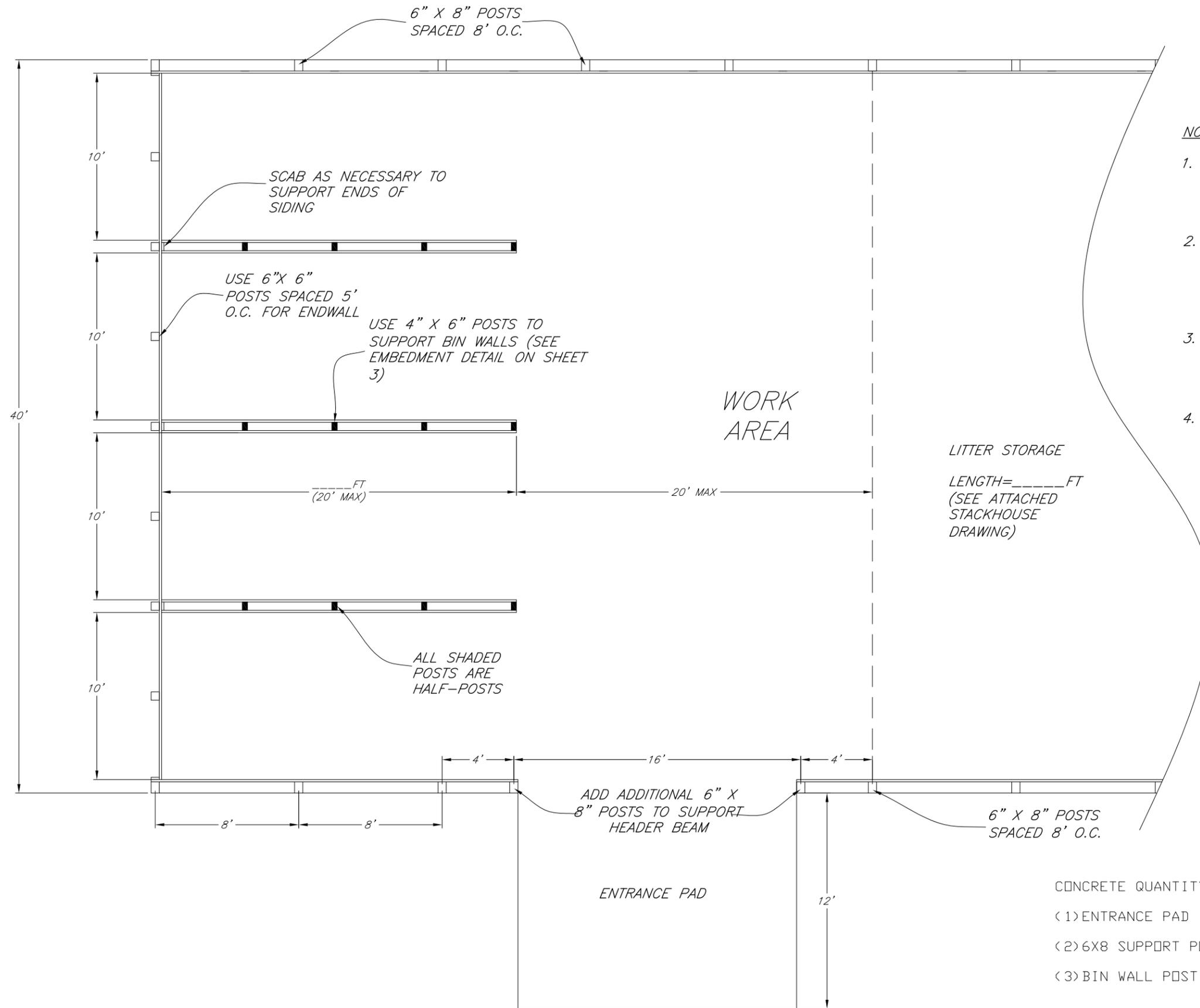
**ANIMAL MORTALITY FACILITY
 REAR COMPOSTER EXTENSION**
 Four Deep Composting Bins, 8' Post Spacing



File No. ga-eng-316-c5_rev_062016

Drawing No. Cover

July 2013
 Sheet 1 of 4



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'.

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

PLAN VIEW

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

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Drawing No.
Plan

REVISIONS		
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10/07	H. MCFARLAND	STATE ENGINEER
07/13	D. ROBERTS	ACTING STATE ENGINEER

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Sheet 2 of 4

TOE NAIL ALL 5 TRUSSES TO GLULAM TIMBER USING 2-16D NAILS PER TRUSS

JOIN GIRDER TO BEAM USING HANGER (SEE DETAIL ON SHEET 4)

HEADER BEAM SHALL BE 5" X 12-3/8" SOUTHERN PINE GLULAM TIMBER

6" X 8" SUPPORT POST

HEADER BEAM (SEE TRUSS TO HEADER BEAM DETAIL ON SHEET 4)

12' OR 14'

16'

SIDE ENTRANCE

10"-WIDE PRESSURE TREATED CAP

4" X 6" PRESSURE TREATED POST

2" X 6" PRESSURE TREATED LUMBER

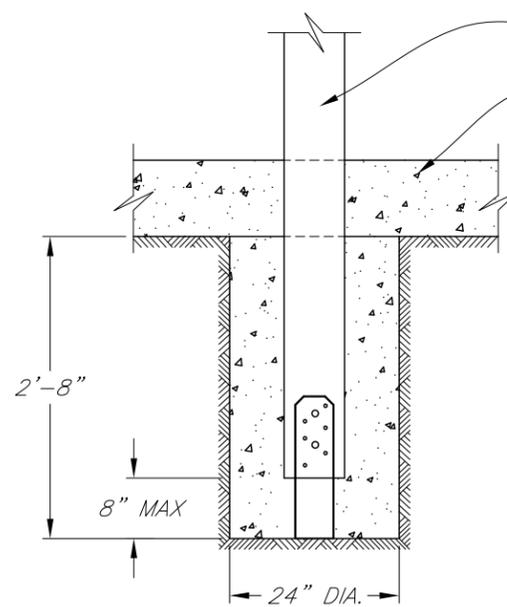
CONCRETE FLOOR

CONCRETE CASING AROUND POST

CONCRETE QUANTITY PER POST HOLE: 0.20 CY

CONCRETE OR GRAVEL FOOTING PAD

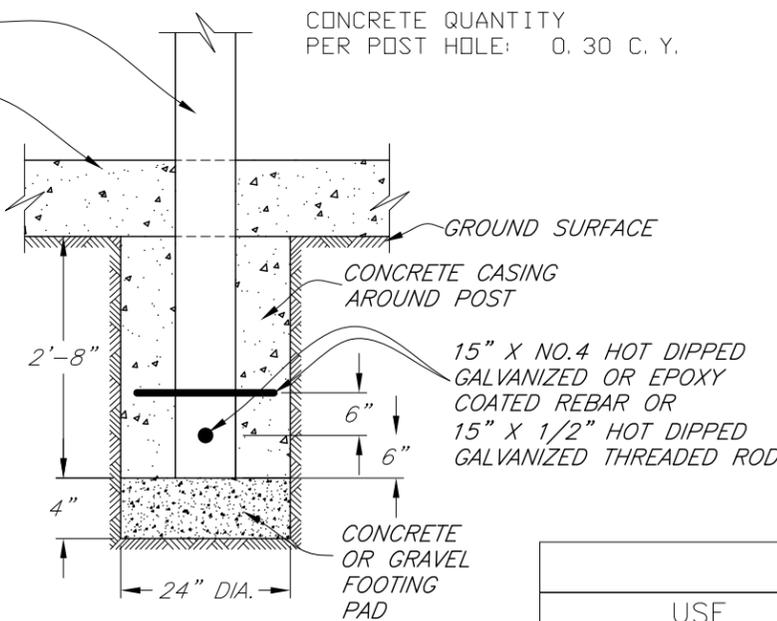
BIN WALL AND POST EMBEDMENT



MECHANICAL POST ANCHOR CONCRETE FOOTING DETAIL

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 POST FOOTING DETAIL

CONCRETE QUANTITY:

<1> BIN WALL POST HOLES _____CY

<2> ENTRANCE PAD _____SQFT

NOTE:
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.

Date	10/07
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**ANIMAL MORTALITY FACILITY
 REAR COMPOSTER EXTENSION**
 Four Deep Composting Bins, 8' Post Spacing

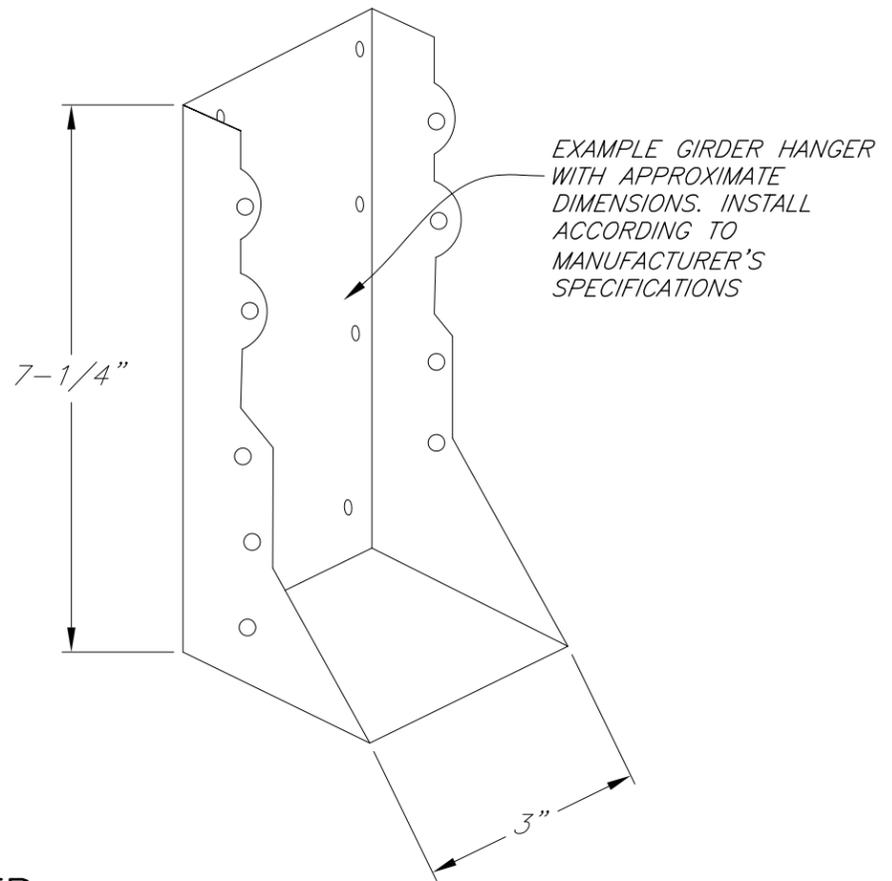
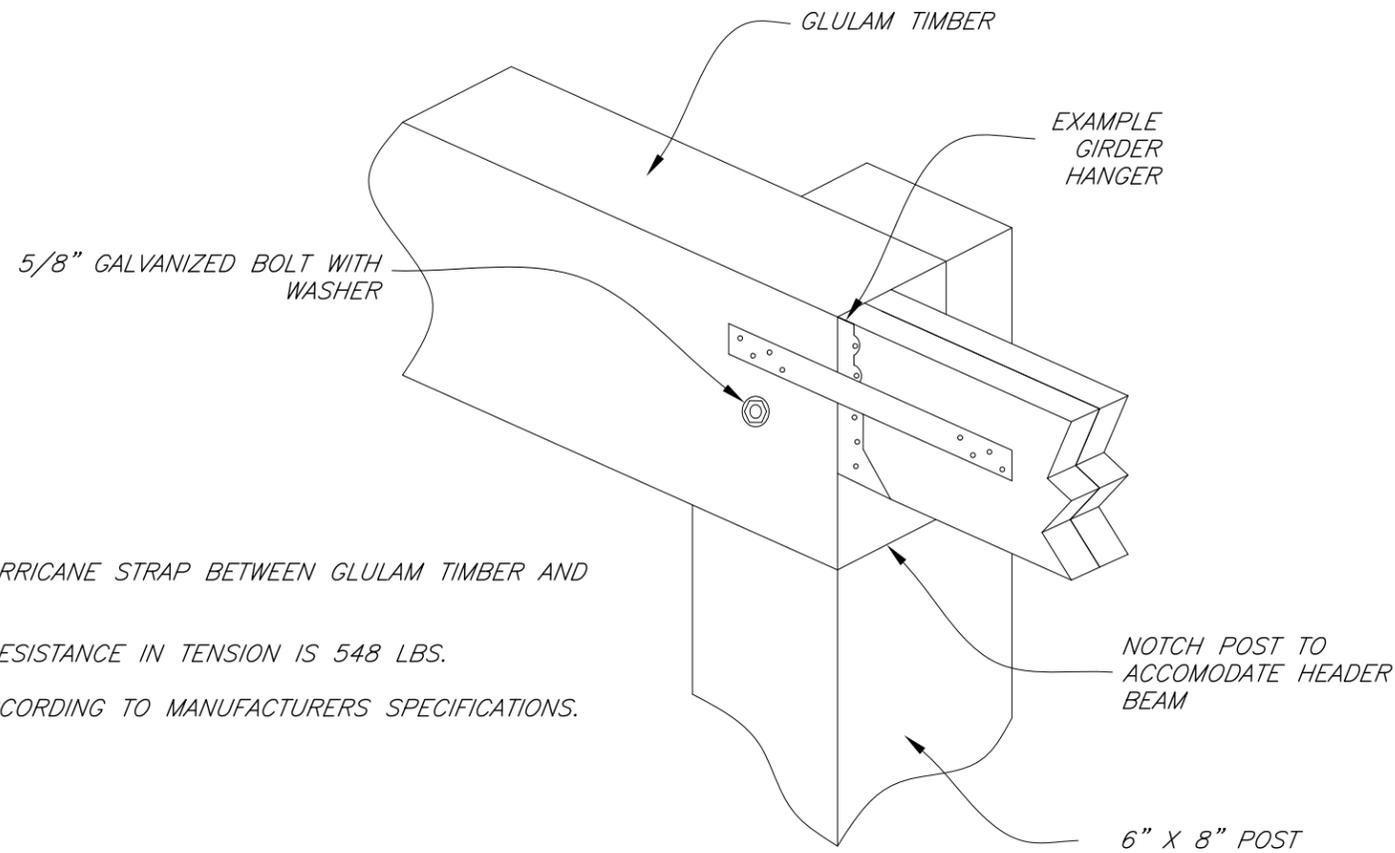


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Drawing No.
Detail 1

July 2013
Sheet 3 of 4

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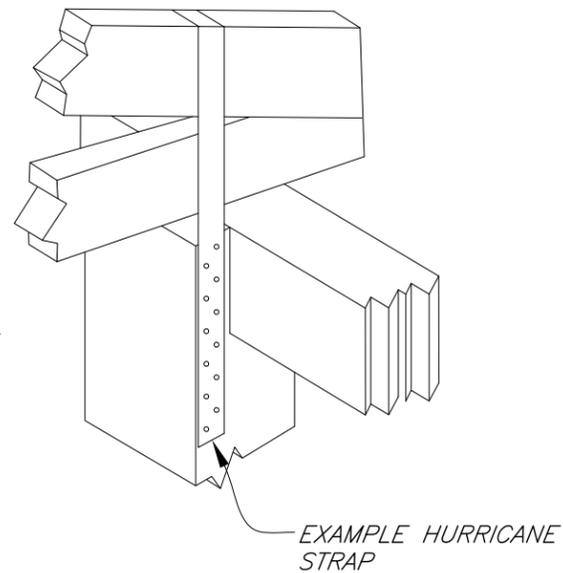
NOTES:

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

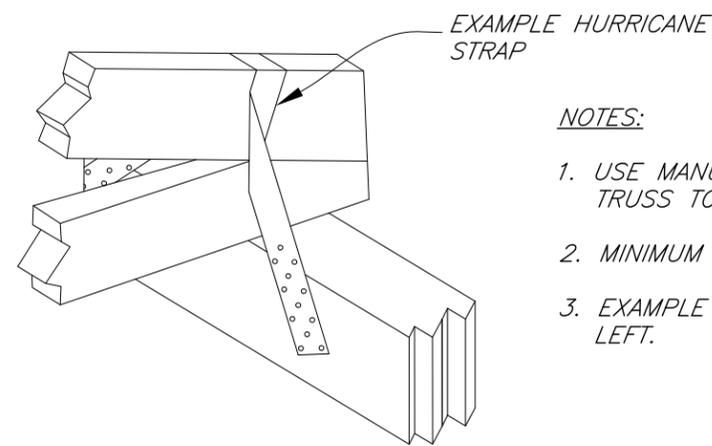
GIRDER HANGER

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



TRUSS TO HEADER BEAM CONNECTION

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.

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Drawing No.
Detail 2

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