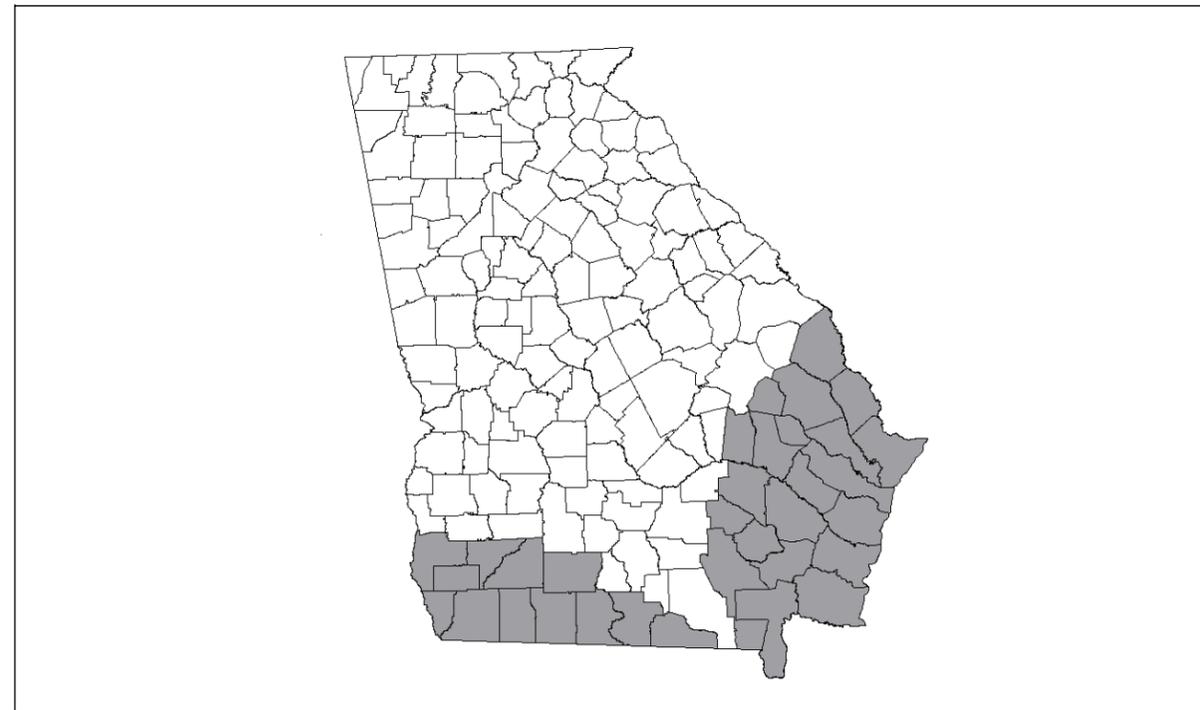


**UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES  
CONSERVATION SERVICE**

**GEORGIA STANDARD DRAWINGS - HEN LITTER STACK FACILITY  
CONSTRUCTED WITH 4" X 6" POSTS INSTALLED ON TOP OF CONCRETE  
WALLS AND ENGINEERED TRUSSES SPACED 4' O.C.**

- THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE WITH PRACTICE CODE 313 - WASTE STORAGE FACILITY AND GEORGIA BUILDING CODE (INTERNATIONAL BUILDING CODE 2006).
- DESIGN DATA REQUIRED BY IBC 2006:
  - ROOF LIVE LOAD - 19 PSF.
  - BASIC WIND SPEED OF 90 MPH AND GROUND SNOW LOAD OF 10 PSF OR BASIC WIND SPEED OF 100 MPH AND NO SNOW LOAD.
  - IMPORTANCE FACTOR, I=0.87.
  - WIND EXPOSURE CATEGORY C.
  - INTERNAL PRESSURE COEFFICIENT = 0.55.
- ENGINEERED TRUSSES SHALL BE DESIGNED TO SUSTAIN THE ABOVE LISTED CONDITIONS. ONE COPY OF THESE DRAWINGS AND FORM GA-ENG-313E SHALL BE SUBMITTED TO THE TRUSS DESIGNER. THE TRUSS DESIGN DRAWING FROM THE TRUSS COMPANY MUST BE REVIEWED AND APPROVED BY NRCS.
- THIS STRUCTURE IS NOT DESIGNED FOR THE ATTACHMENT OF ANY TYPE OF SIDESHED COMPOSTING FACILITY.
- 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).
- THIS DESIGN IS NOT INTENDED FOR CONSTRUCTION ON AN ISOLATED HILL, RIDGE, OR ESCARPMENT IN ANY REGION OF THE STATE.
- ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY AN ENGINEER WITH JOB APPROVAL LEVEL IV OR GREATER.
- NOSIDESHEDS OR ADDITIONS SHOULD BE MADE TO STRUCTURE WITHOUT APPROVAL FROM NRCS. APPROVED DESIGNS FROM NRCS MAY BE USED OR DESIGNS APPROVED BY A GEORGIA REGISTERED PROFESSIONAL ENGINEER.



THIS DESIGN IS NOT INTENDED FOR USE IN COUNTIES SUBJECT TO HURRICANE WIND LOADS SHADED GRAY ABOVE.

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

**HEN LITTER STACK FACILITY**

**COUNTY, GEORGIA**

PRE-CONSTRUCTION CERTIFICATION:

THE \_\_\_\_\_ HEN LITTER STACK FACILITY WILL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING DRAWINGS AND PRACTICE CODE 313. 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 |
|---------------------|------|------------------------|------|

INDEX TO DRAWINGS:

- SHEET 1 - COVER SHEET
- SHEET 2 - ISOMETRIC VIEW  
GENERAL NOTES
- SHEET 3 - PLAN VIEW
- SHEET 4 - ELEVATION VIEW OF ENDWALL  
WOOD TREATMENT TABLE  
FIBER REINFORCED CONTRACTION JOINT DETAIL
- SHEET 5 - SIDE WALL DETAIL  
HURRICANE STRAP DETAILS  
TRUSS TO GIRDER CONNECTION DETAIL
- SHEET 6 - REINFORCED CONCRETE WALL DETAILS  
POST ANCHOR DETAIL  
BASE OF WALL DETAIL  
CONSTRUCTION JOINT DETAIL
- SHEET 7 - STEEL REINFORCEMENT DETAILS AND SCHEDULE  
STEEL ANGLE BRACKET PAIR DETAIL  
CONCRETE ANCHORS DETAIL
- SHEET 8 - ENDWALL VERTICAL BRACE DETAIL (ISOMETRIC VIEW)  
ENDWALL VERTICAL BRACE DETAIL  
HORIZONTAL ENDWALL BRACE DETAIL (TOP VIEW)  
HORIZONTAL ENDWALL BRACE DETAIL
- SHEET 9 - TRUSS BRACING DETAILS

WASTE STORAGE FACILITY:  
JOB CLASS: \_\_\_\_\_

| REVISIONS |              |                |  |
|-----------|--------------|----------------|--|
| DATE      | APPROVED     | TITLE          |  |
| 09/05     | H. McFARLAND | STATE ENGINEER |  |
| 01/06     | H. McFARLAND | STATE ENGINEER |  |
| 07/07     | H. McFARLAND | STATE ENGINEER |  |
| 08/11     | J. HOLLOWAY  | STATE ENGINEER |  |

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

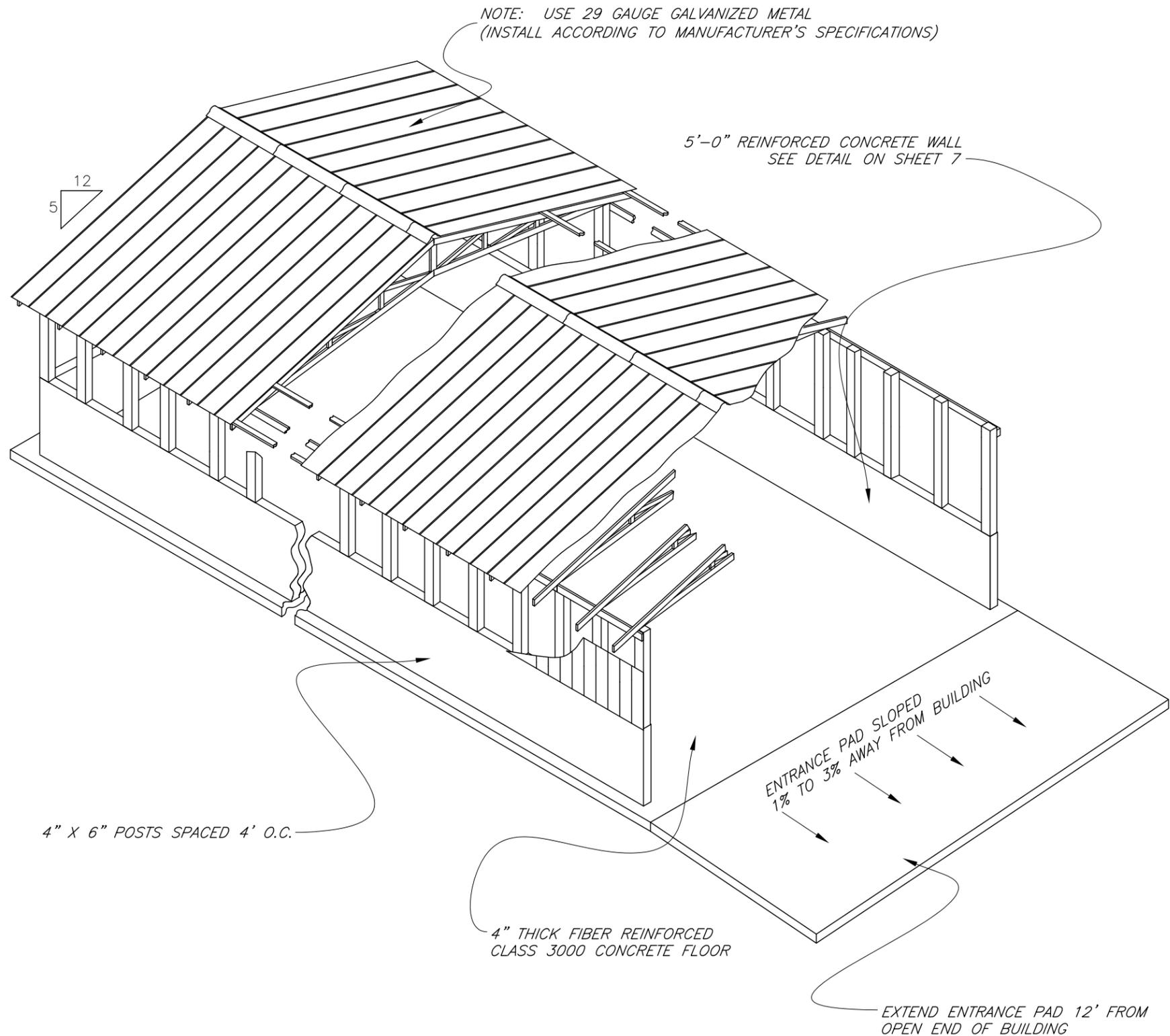
GEORGIA HEN LITTER STACK  
FACILITY  
(4"x6" posts installed on top of concrete  
walls spaced 4'o.c.)



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Drawing No.  
Cover

06/17/2011 8:57 AM  
Sheet 1 of 9



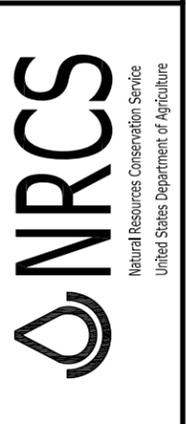
**ISOMETRIC VIEW**  
Not to scale

**NOTES:**

1. ENCLOSE THREE SIDES AND BOTH GABLE ENDS.
2. ENDWALL IS REQUIRED.
3. A 2'-0" OPENING WILL BE INSTALLED BETWEEN THE SIDING AND ROOF OVERHANG ON THE SIDEWALL (SEE SIDEWALL DETAIL ON SHEET 5).
4. LITTER SHALL BE STACKED NO HIGHER THAN 7' TO MINIMIZE FIRE HAZARD AND PREVENT CONCRETE WALL FAILURE.
5. ALL ENTRANCE AREAS SHALL BE STABILIZED USING PRACTICE STANDARD 561 - HEAVY USE AREA.
6. 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. DESIGN FOR ROOF RUNOFF IN ACCORDANCE WITH PRACTICE CODE 558 - ROOF RUNOFF MANAGEMENT OR STABILIZE SOIL AROUND BUILDING USING PRACTICE CODE 342 - CRITICAL AREA PLANTING.
7. 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.
8. TRUSSES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN GEORGIA AND SHALL BE INSTALLED AS DESIGNED. DESIGNS STAMPED BY A PROFESSIONAL ENGINEER SHALL BE PROVIDED TO NRCS FOR REVIEW.
9. ALL LUMBER, INCLUDING THE POSTS, IN CONTACT WITH LITTER OR CONCRETE SHALL BE PRESSURE TREATED (SEE WOOD TREATMENT TABLE ON SHEET 4).
10. DIMENSION LUMBER SHALL BE SOUTHERN PINE NO. 2 OR BETTER.
11. 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.
12. POWER SUPPLY TO THE BUILDING IS RECOMMENDED FOR NIGHT OPERATIONS AND REPAIR WORK.
13. ALL DISTURBED AREAS SHALL BE VEGETATED USING PRACTICE CODE 342 - CRITICAL AREA PLANTING.
14. CALL BEFORE YOU DIG:  
1-800-282-7411 OR 770-623-4344.
15. NO SIDESHEDS OR ADDITIONS SHOULD BE MADE TO STRUCTURE WITHOUT APPROVAL FROM NRCS. APPROVED DESIGNS FROM NRCS MAY BE USED OR DESIGNS APPROVED BY A GEORGIA REGISTERED PROFESSIONAL ENGINEER.

|          |                                      |
|----------|--------------------------------------|
| Date     | 07/07                                |
| Designed | W. Brown                             |
| Drawn    | D. Drewry, S. Rogers<br>H. McFarland |
| Checked  | J. Holloway                          |
| Approved | H. McFarland                         |

GEORGIA HEN LITTER STACK FACILITY  
(4"x6" posts installed on top of concrete walls spaced 4'o.c.)



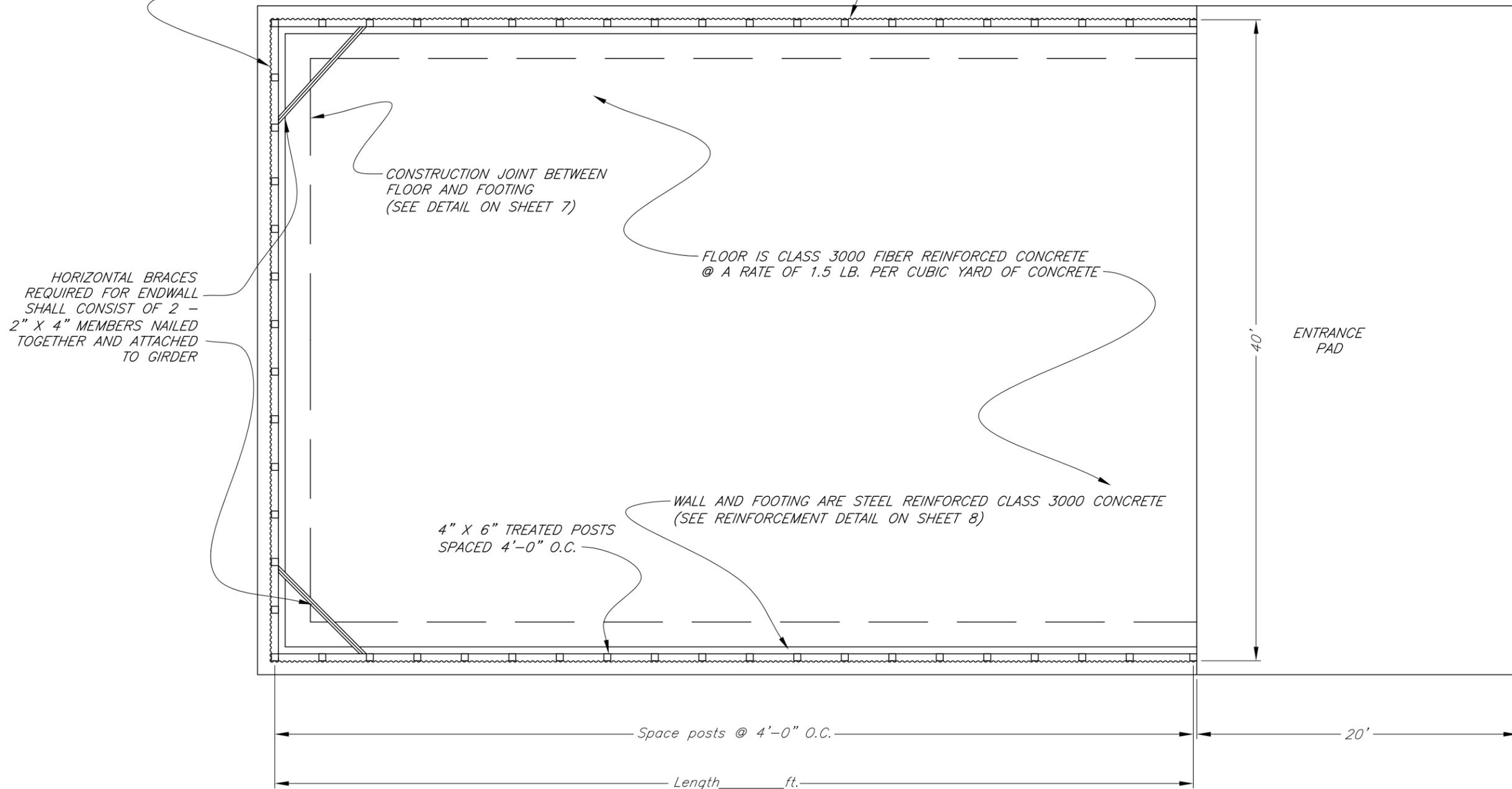
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Drawing No.  
Isometric

| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |

OPTIONAL END WALL

29 GAUGE CORRUGATED GALVANIZED SHEET METAL SIDING OR EQUIVALENT (BOTH SIDES).  
TO IMPROVE AIR CIRCULATION, A 2' OPENING SHALL BE INSTALLED ON BOTH SIDEWALLS AND ENDWALL.



CONSTRUCTION JOINT BETWEEN  
FLOOR AND FOOTING  
(SEE DETAIL ON SHEET 7)

FLOOR IS CLASS 3000 FIBER REINFORCED CONCRETE  
@ A RATE OF 1.5 LB. PER CUBIC YARD OF CONCRETE

WALL AND FOOTING ARE STEEL REINFORCED CLASS 3000 CONCRETE  
(SEE REINFORCEMENT DETAIL ON SHEET 8)

4" X 6" TREATED POSTS  
SPACED 4'-0" O.C.

HORIZONTAL BRACES  
REQUIRED FOR ENDWALL  
SHALL CONSIST OF 2 -  
2" X 4" MEMBERS NAILED  
TOGETHER AND ATTACHED  
TO GIRDER

40'  
ENTRANCE  
PAD

Space posts @ 4'-0" O.C.

20'

Length ft.

CONCRETE QUANTITY:

- (1) FLOOR \_\_\_\_\_ C. Y.
- (2) ENTRANCE PAD \_\_\_\_\_ C. Y.
- (3) WALLS \_\_\_\_\_ C. Y.

**PLAN VIEW**  
Not to scale

NOTES:

1. CONCRETE AND POST QUANTITIES WILL VARY WITH LENGTH OF FACILITY.
2. USE WASTE STORAGE FACILITY COMPUTATION WORKSHEET TO CALCULATE REQUIRED LENGTH. AN ADDITIONAL HORIZONTAL FREEBOARD IS REQUIRED IF NO ENDWALL IS CONSTRUCTED.
3. FOR HORIZONTAL BRACE DETAILS SEE SHEET 8.

| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |

|          |                                    |
|----------|------------------------------------|
| Date     | 07/07                              |
| Designed | W. Brown                           |
| Drawn    | D. Drewry, S. Rogers, H. McFarland |
| Checked  | J. Holloway                        |
| Approved | H. McFarland                       |

GEORGIA HEN LITTER STACK  
FACILITY  
(4" x 6" posts installed on top of concrete walls spaced 4' o.c.)



File No.  
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Drawing No.  
Plan

Sheet 3 of 9

**WOOD TREATMENT TABLE**

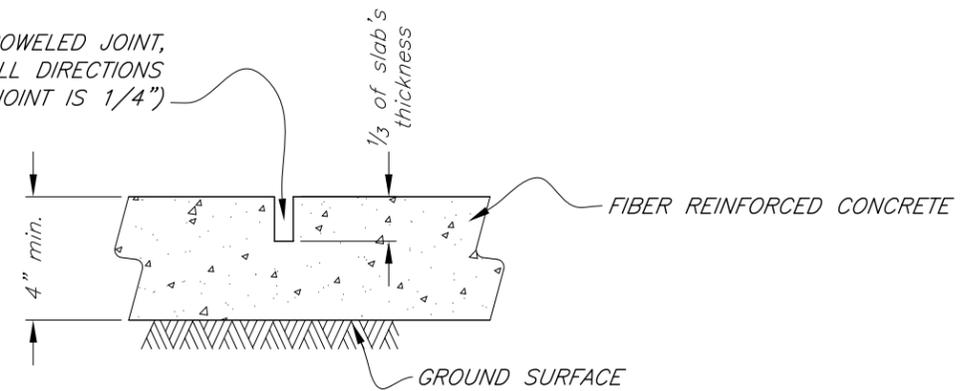
| MINIMUM RETENTION RATES IN PCF |      |         |       |      |      |
|--------------------------------|------|---------|-------|------|------|
| USE                            | CCA  | ACQ-C/D | CBA-A | CA-B | MCA  |
| GROUND CONTACT OR FRESH WATER  | 0.40 | 0.40    | 0.41  | 0.21 | 0.15 |
| IMPORTANT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

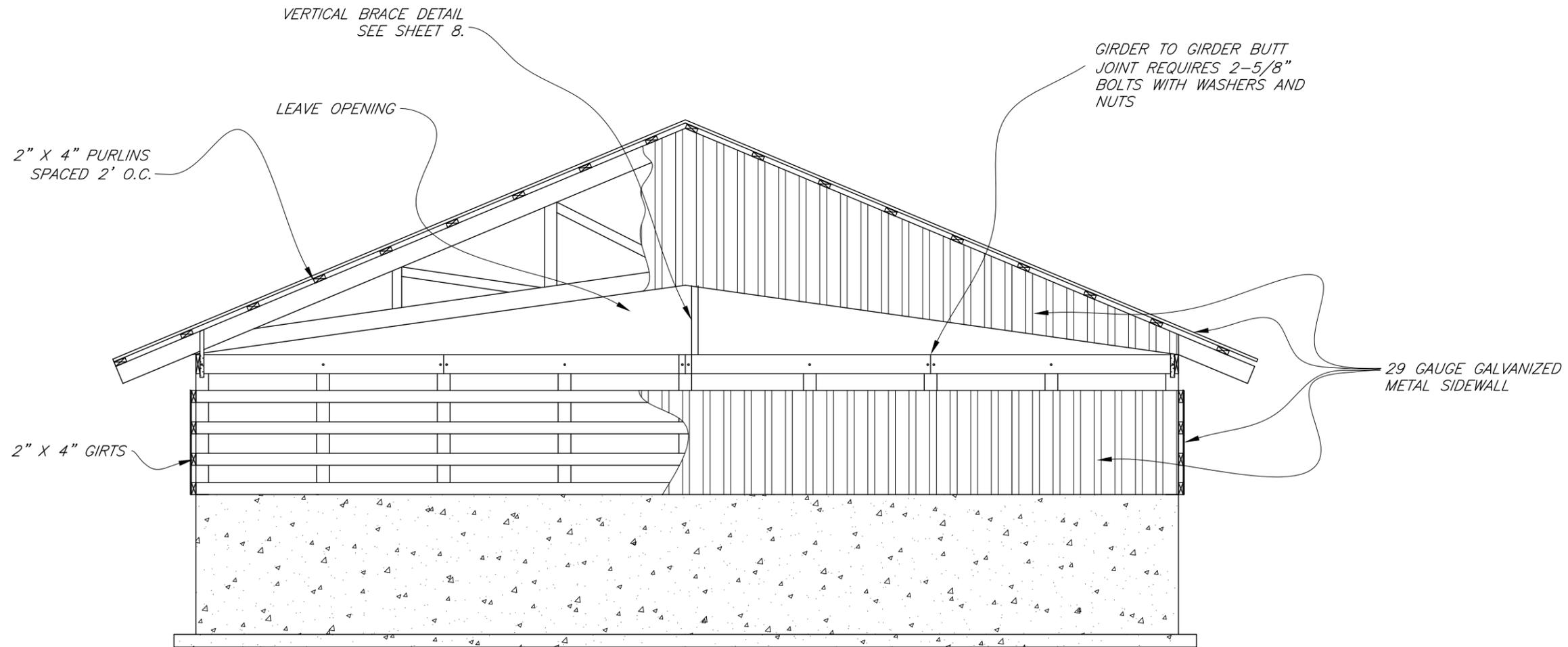
**NOTES:**

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.

SAW-CUT OR TROWELED JOINT,  
 MAXIMUM OF 15' IN ALL DIRECTIONS  
 (MAX. WIDTH OF JOINT IS 1/4")



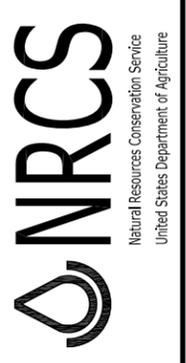
**FIBER REINFORCED CONTRACTION JOINT DETAIL**  
 Not to scale



**ELEVATION VIEW OF ENDWALL**  
 Not to scale

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

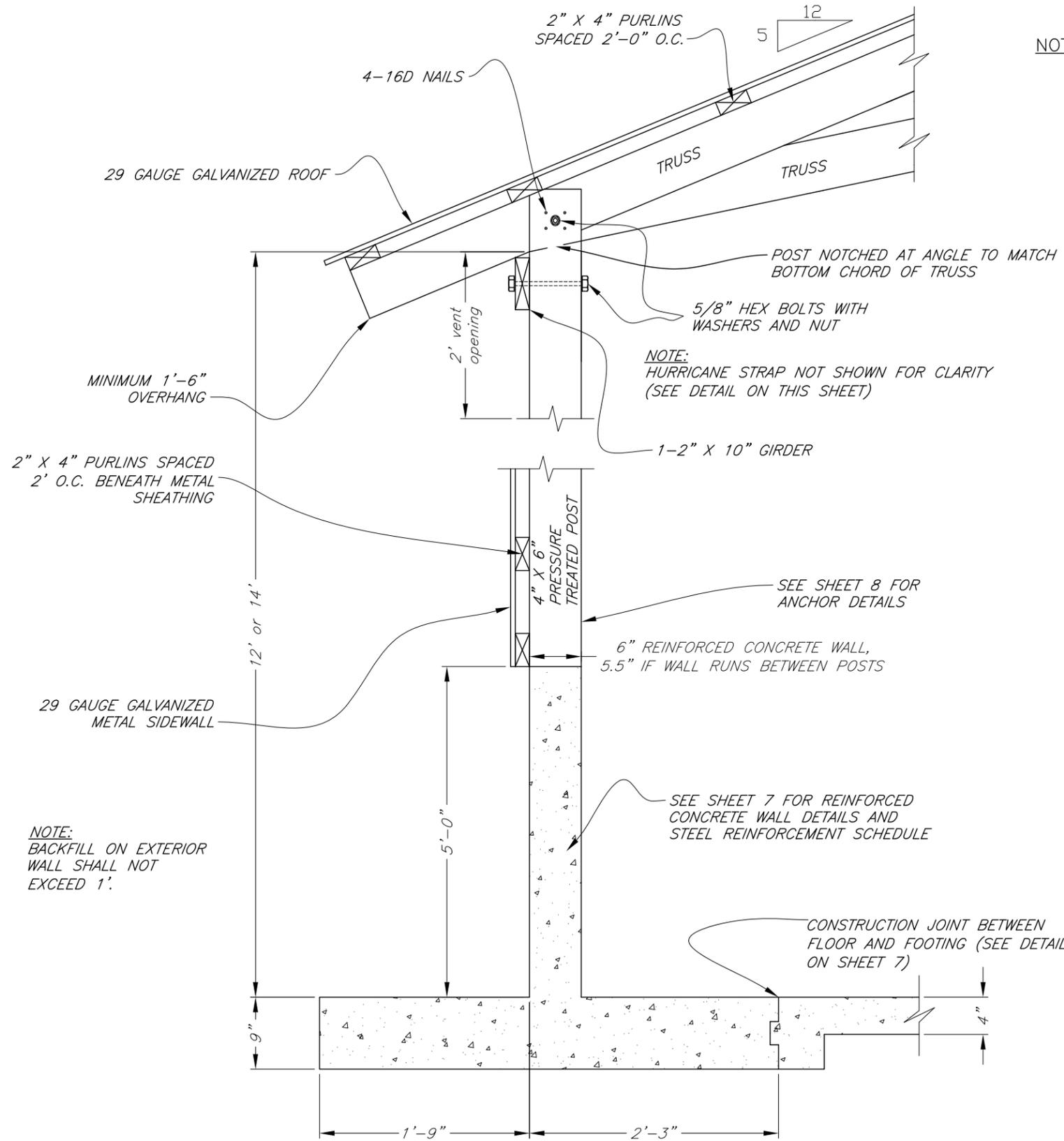
GEORGIA HEN LITTER STACK  
 FACILITY  
 (4"x6" posts installed on top of concrete  
 walls spaced 4'o.c.)



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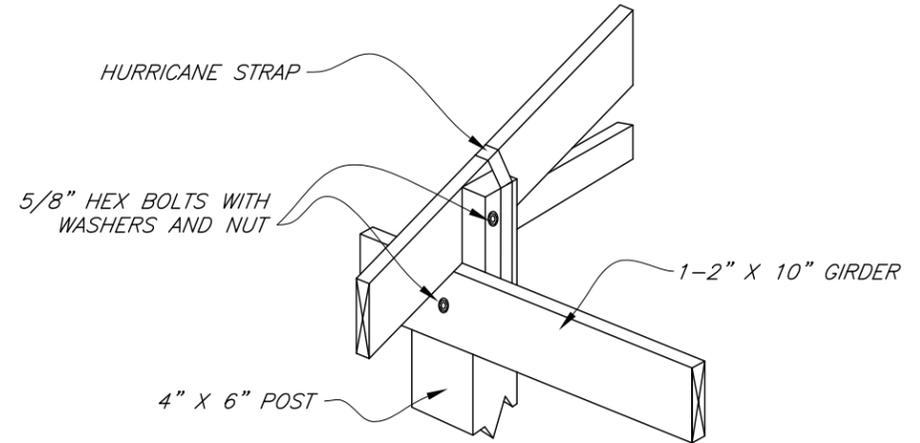
| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |
| 10/10     | J. Holloway  | State Engineer |

Drawing No.  
 Endwall  
 Sheet 4 of 9



**SIDEWALL DETAIL**  
Not to scale

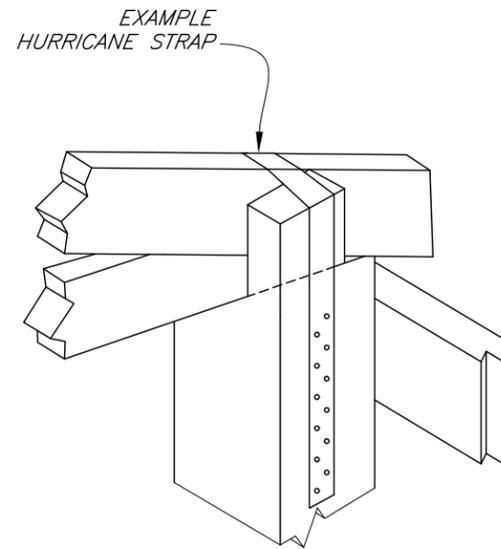
NOTE: ALL BOLTS, NUTS, WASHERS, AND NAILS ARE GALVANIZED.



**NOTES:**

1. POST IS NOTCHED TO ACCOMMODATE GIRDERS.
2. GIRDER TO GIRDER BUTT JOINTS REQUIRE 2-5/8" HEX BOLTS WITH WASHERS & NUTS. (SEE SHEET 4 FOR AN EXAMPLE)

**TRUSS TO GIRDER CONNECTION**  
Not to scale



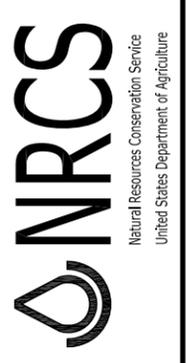
**HURRICANE STRAP**  
Not to scale

**NOTES:**

1. USE HURRICANE STRAP AT POST TO TRUSS CONNECTION AS SHOWN AT LEFT.
2. MANUFACTURER'S SPECIFICATIONS SHALL BE PROVIDED TO NRCS.
3. MINIMUM UPLIFT RESISTANCE IS 1053 LBS.
4. STRAPS MUST BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

|          |                      |
|----------|----------------------|
| Date     | 07/07                |
| Designed | W. Brown             |
| Drawn    | D. Drewry, S. Rogers |
| Checked  | H. McFarland         |
| Approved | J. Holloway          |
|          | H. McFarland         |

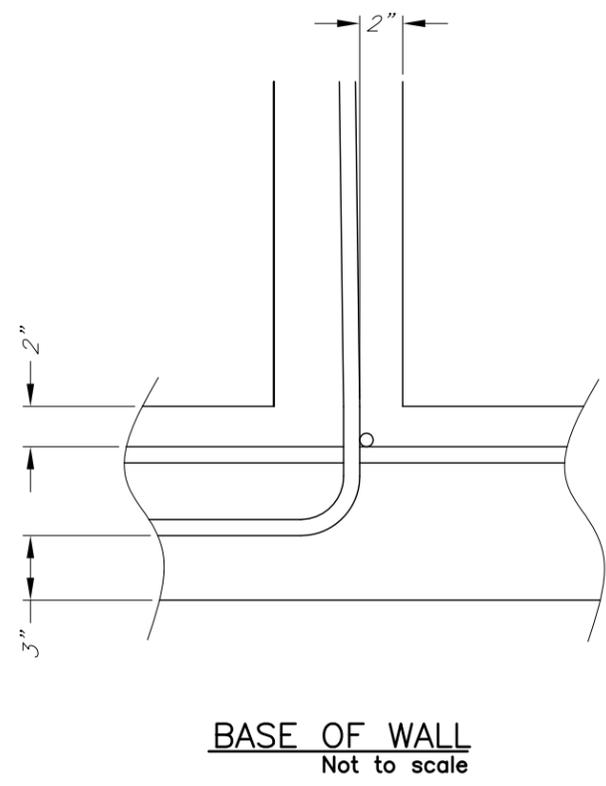
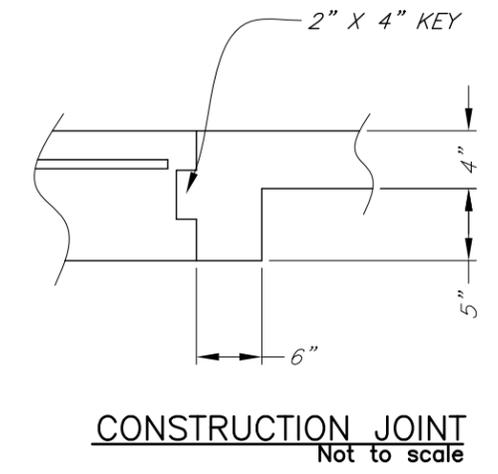
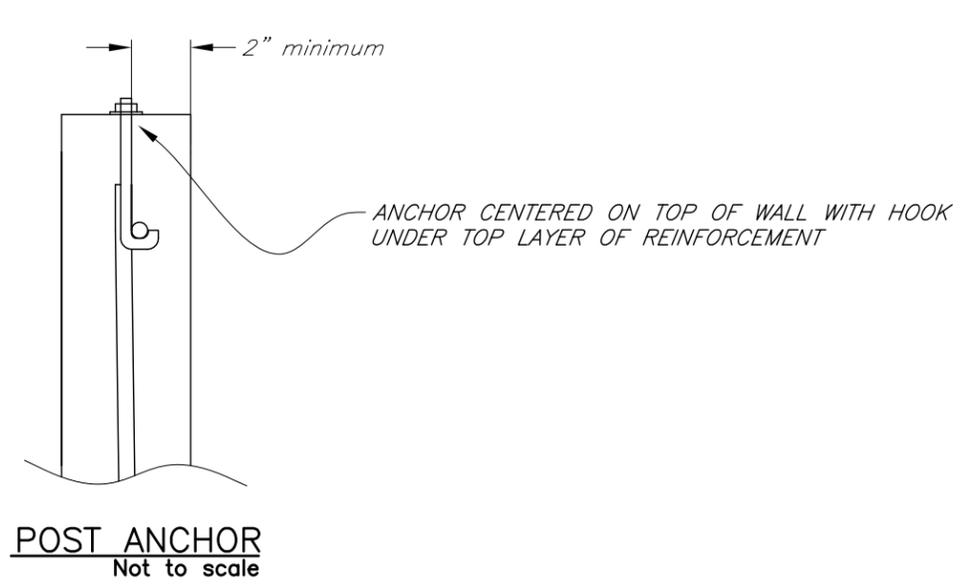
GEORGIA HEN LITTER STACK FACILITY  
(4"x6" posts installed on top of concrete walls spaced 4'o.c.)



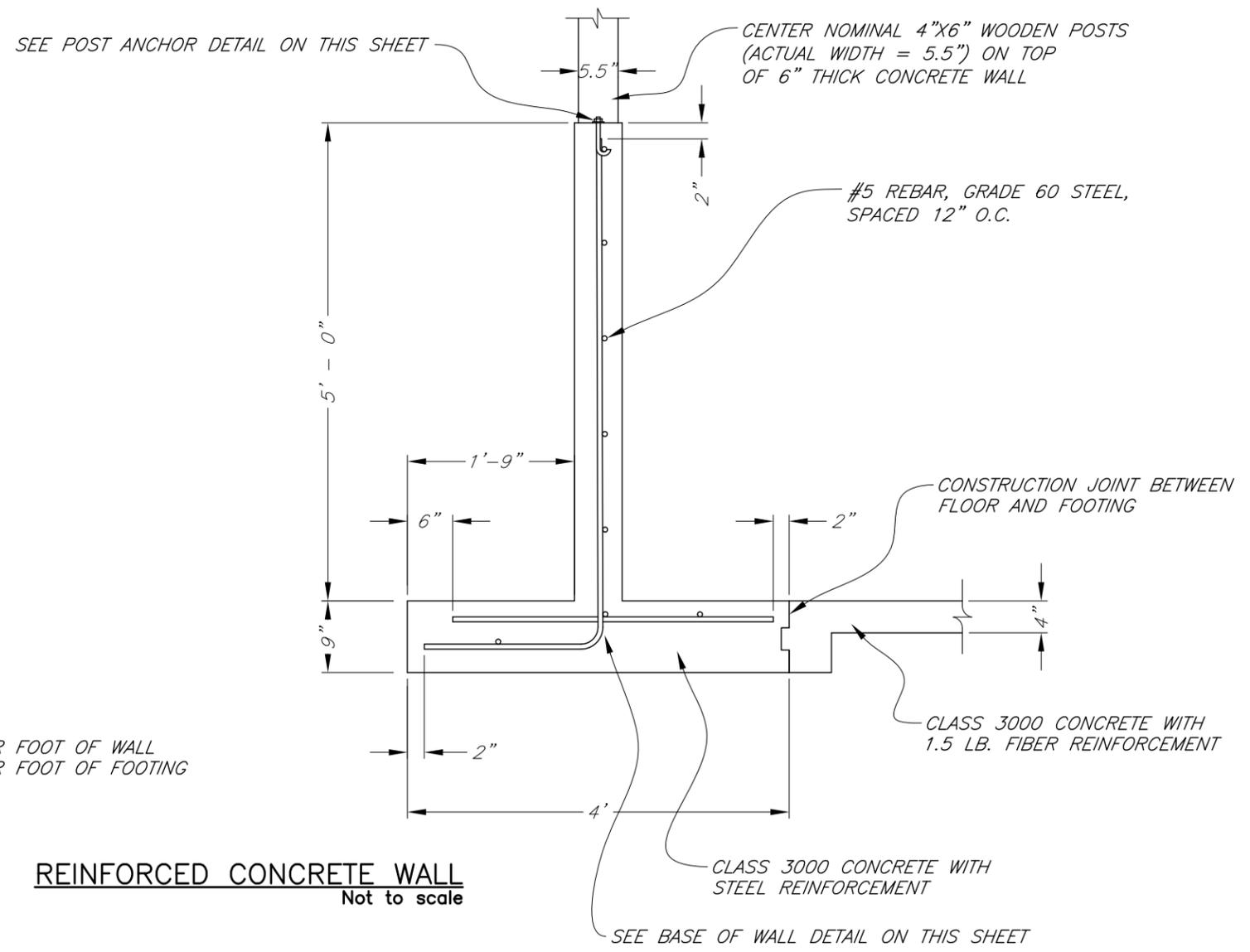
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Drawing No.  
Sidewall

| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |



CONCRETE QUANTITY:  
0.09 CU. YD. PER LINEAR FOOT OF WALL  
0.11 CU. YD. PER LINEAR FOOT OF FOOTING



|          |                                    |      |       |
|----------|------------------------------------|------|-------|
| Designed | W. Brown                           | Date | 07/07 |
| Drawn    | D. Drewry, S. Rogers, H. McFarland |      | 07/07 |
| Checked  | J. Holloway                        |      | 07/07 |
| Approved | H. McFarland                       |      | 07/07 |

GEORGIA HEN LITTER STACK FACILITY

(4"x6" posts installed on top of concrete walls spaced 4'o.c.)

County, GA

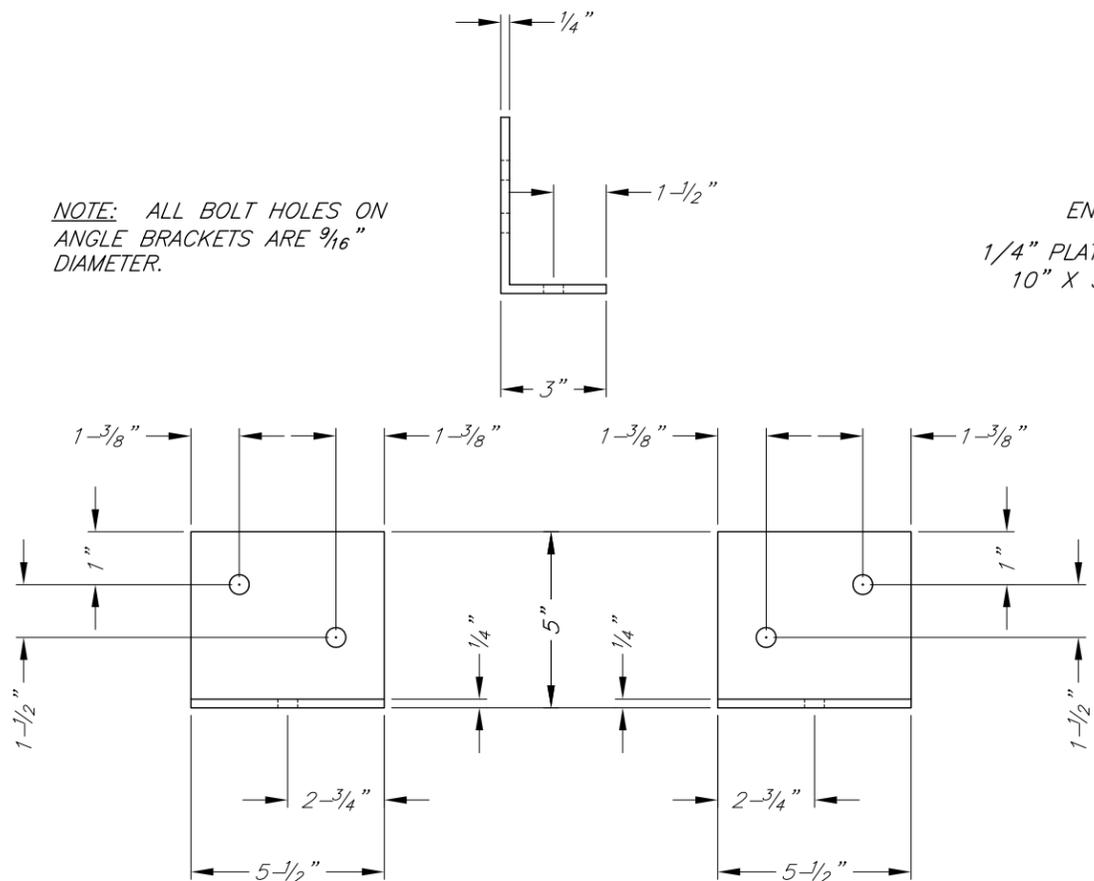


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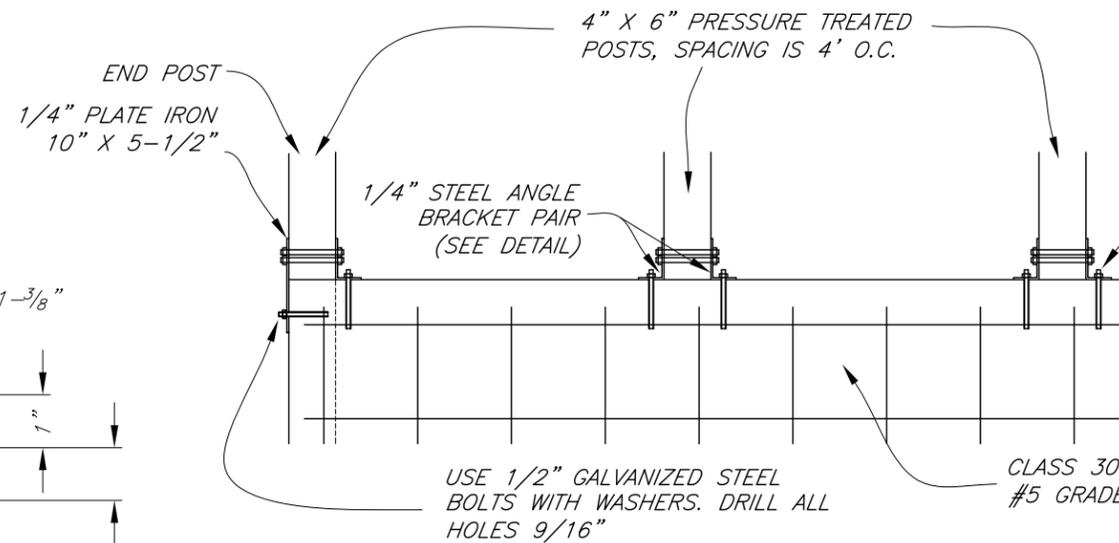
Drawing No. Concrete Wall

| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |

NOTE: ALL BOLT HOLES ON ANGLE BRACKETS ARE 9/16" DIAMETER.



**STEEL ANGLE BRACKET PAIR**  
Not to scale



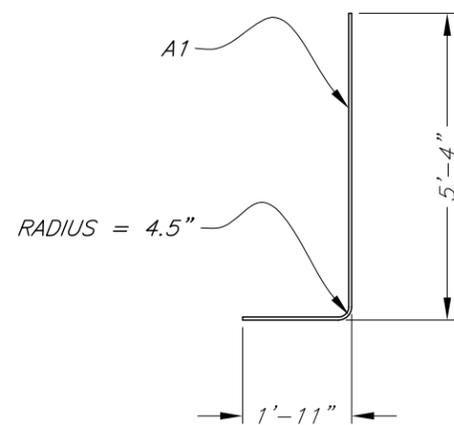
**CONCRETE ANCHORS**  
Not to scale

**NOTES:**

1. GALVANIZED OR ZINC COATED ANCHORS
2. MINIMUM DIAMETER IS 1/2"
3. MINIMUM EMBEDMENT IN CONCRETE IS 4"
4. USE J-HOOK TYPE ANCHORS SUPPORTED BY REBAR SEE DETAILS ON SHEET 6.
5. INSTALL ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

**NOTES:**

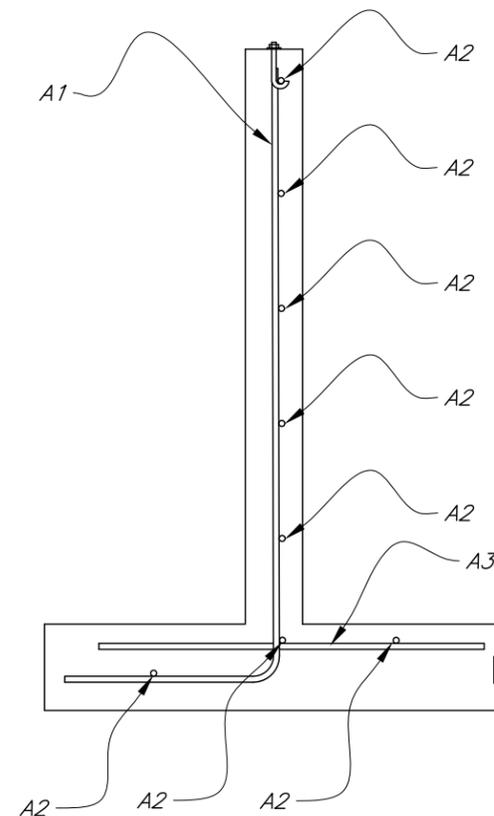
1. 19" LAP SPLICES SHALL BE USED ON ALL STEEL BARS THAT REQUIRE MULTIPLE PIECES TO REINFORCE A REQUIRED LENGTH OF CONCRETE.
2. ALL REBAR IS SPACED 12" O.C.



| MARK | SIZE | GRADE | LENGTH | TYPE     | QUANTITY REQUIRED*      |
|------|------|-------|--------|----------|-------------------------|
| A1   | 5    | 60    | 7'-1"  | BENT     | BLDG. LENGTH (FT) X 2 = |
| A2   | 5    | 60    | **     | STRAIGHT | N/A 16                  |
| A3   | 5    | 60    | 3'-4"  | STRAIGHT | BLDG. LENGTH (FT) X 2 = |

- \* TABLE IS USED FOR CALCULATING SIDEWALL QUANTITIES ONLY. FOR ENDWALL ADD A1-40 EACH, A2-8 EACH (40 FOOT LENGTH), AND A3-40 EACH.
- \* INCLUDE 19" OVERLAP/SPLICES FOR ALL STEEL BARS NOT LONG ENOUGH TO COVER REQUIRED LENGTHS WITH A SINGLE BAR.
- \*\* LENGTH OF A2 = LENGTH OF BUILDING

**STEEL REINFORCEMENT SCHEDULE**



| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |

|          |                                    |
|----------|------------------------------------|
| Date     | 07/07                              |
| Designed | W. Brown                           |
| Drawn    | D. Drewry, S. Rogers, H. McFarland |
| Checked  | J. Holloway                        |
| Approved | H. McFarland                       |

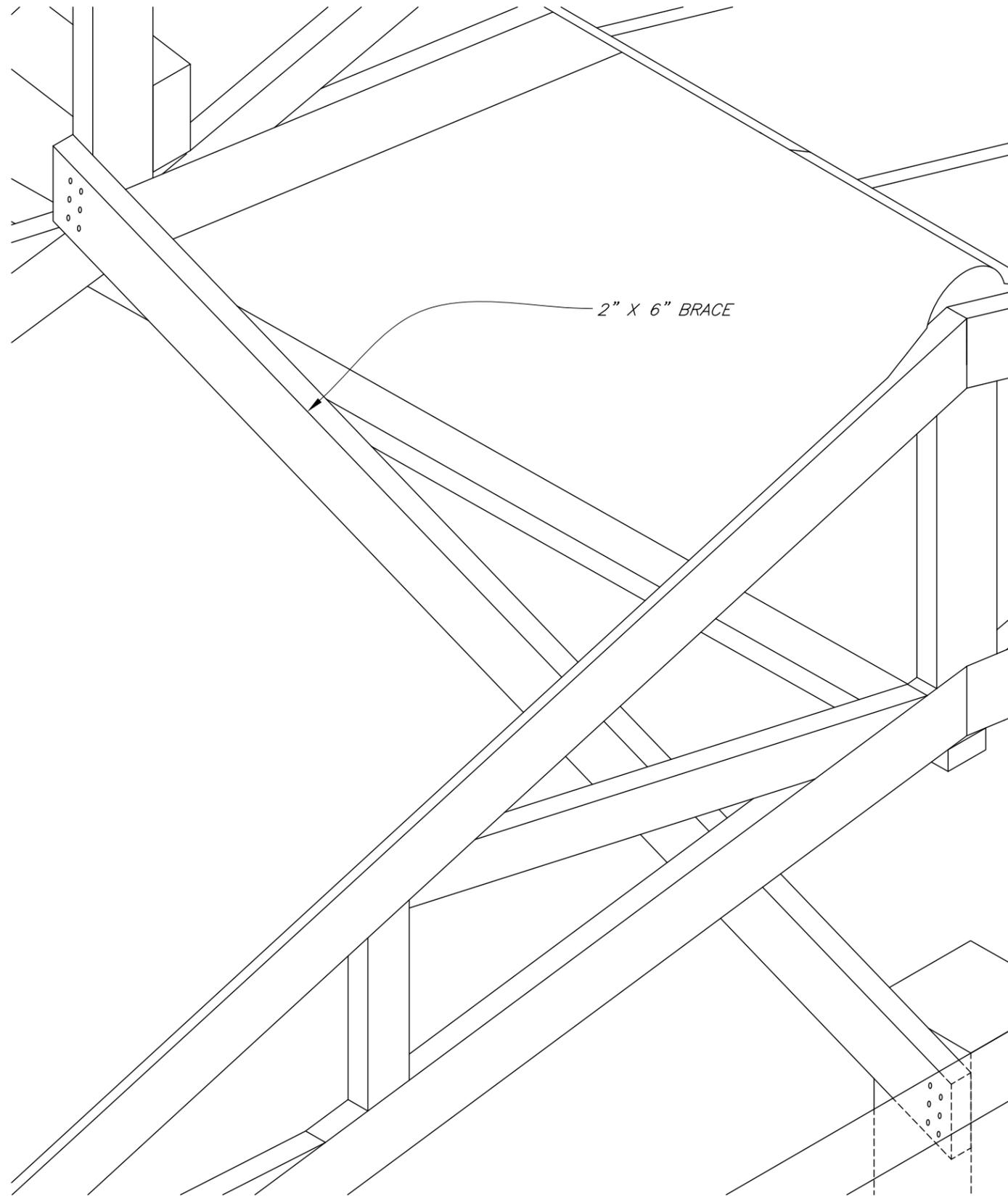
GEORGIA HEN LITTER STACK FACILITY

(4"x6" posts installed on top of concrete walls spaced 4'o.c.)

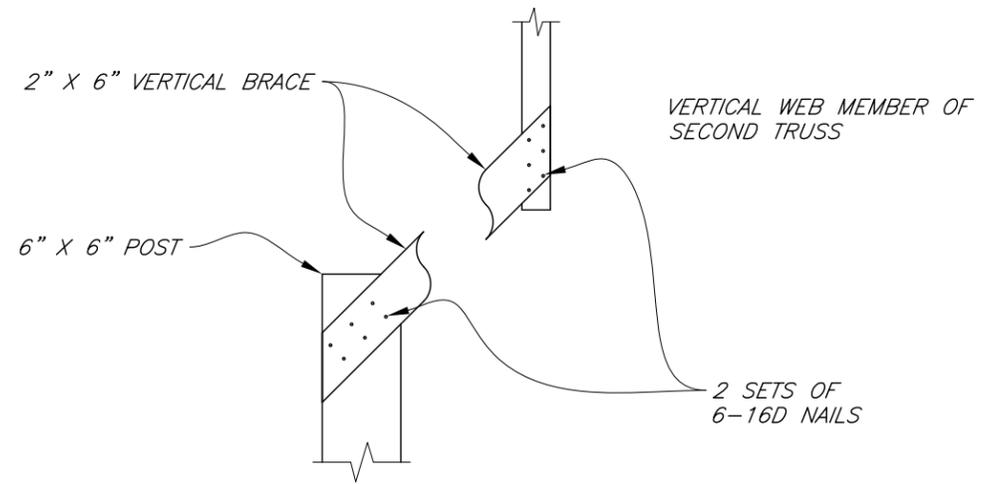


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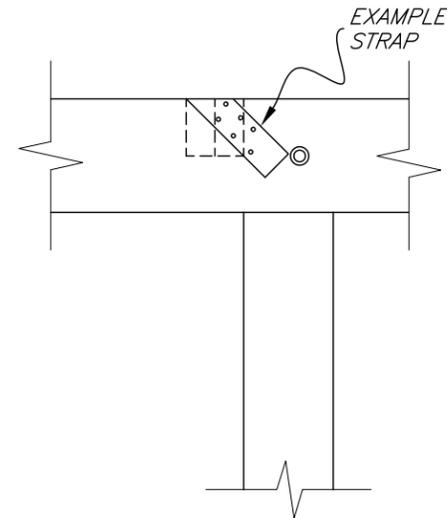
Drawing No. Steel & Concrete



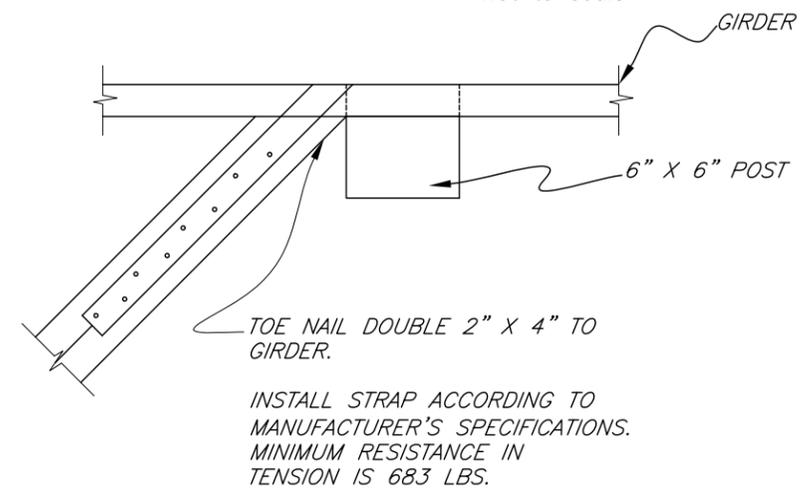
**VERTICAL ENDWALL BRACE DETAIL (ISOMETRIC VIEW)**  
Not to scale



**ENDWALL VERTICAL BRACE DETAILS**  
Not to scale



**HORIZONTAL ENDWALL BRACE DETAIL**  
Not to scale

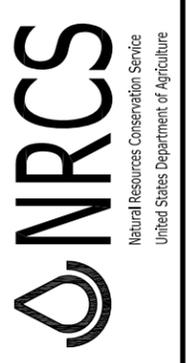


**HORIZONTAL ENDWALL BRACE DETAILS(TOP VIEW)**  
Not to scale

| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |

|          |                                    |      |       |
|----------|------------------------------------|------|-------|
| Designed | W. Brown                           | Date | 07/07 |
| Drawn    | D. Drewry, S. Rogers, H. McFarland |      | 07/07 |
| Checked  | J. Holloway                        |      | 07/07 |
| Approved | H. McFarland                       |      | 07/07 |

GEORGIA HEN LITTER STACK FACILITY  
(4"x6" posts installed on top of concrete walls spaced 4'o.c.)



File No. ga-eng-313-hs2.pdf

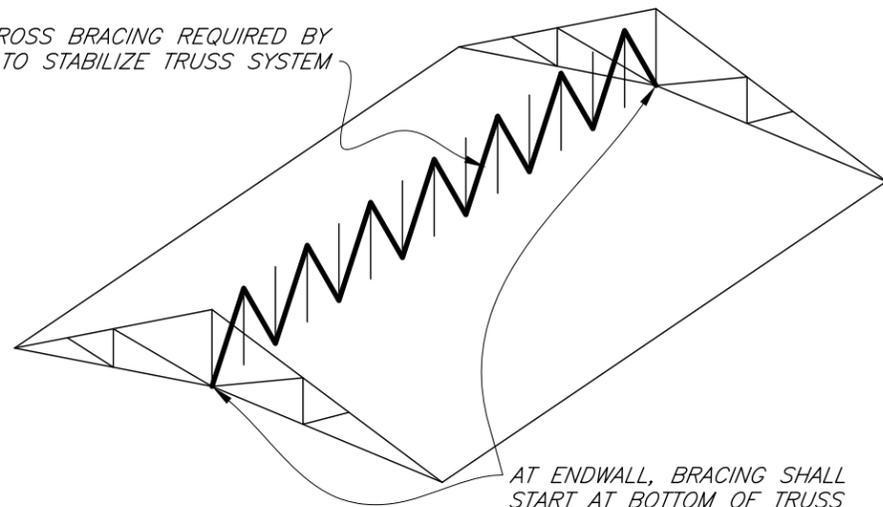
Drawing No. Endwall Bracing

Sheet 8 of 9

NOTES:

- CROSS BRACING (REQUIRED BY NRCS) SHALL BE INSTALLED BETWEEN ALL ADJACENT TRUSSES.
- THIS BRACING SHALL BE ATTACHED TO THE VERTICAL WEB AT THE CENTER OF THE TRUSS.
- IF THERE IS NO VERTICAL WEB AT THE CENTER OF THE TRUSS THEN BLOCKING SHALL BE ADDED AS NECESSARY TO INSTALL THE BRACE.

CROSS BRACING REQUIRED BY NRCS TO STABILIZE TRUSS SYSTEM



AT ENDWALL, BRACING SHALL START AT BOTTOM OF TRUSS

**ISOMETRIC VIEW OF VERTICAL CROSS BRACING**  
Not to scale

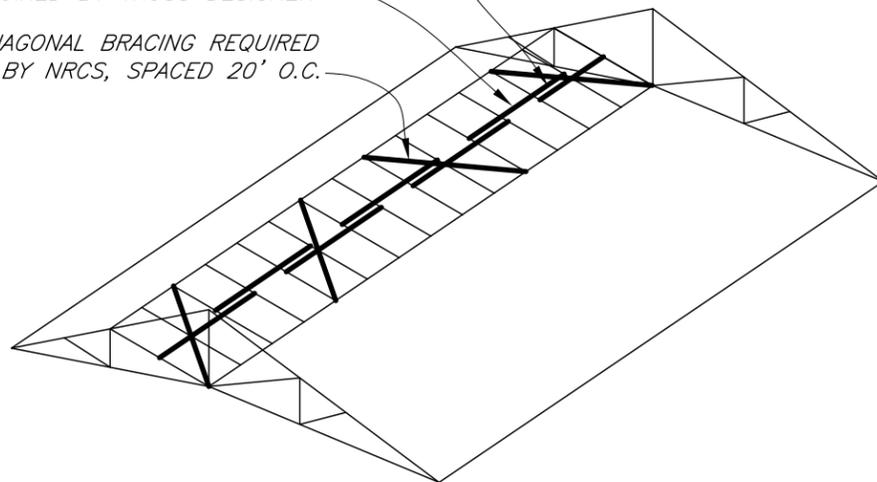
NOTES:

- WEB MEMBER BRACING SHALL BE SPECIFIED BY THE TRUSS DESIGNER ONLY. IF TRUSS DESIGN DRAWING DOES NOT SPECIFY WEB BRACING THEN THERE IS ALSO NO DIAGONAL BRACING REQUIRED.
- NORMALLY THIS WILL CONSIST OF CONTINUOUS LATERAL BRACES INSTALLED AT THE CENTER OF COMPRESSION WEB MEMBERS. IN SOME CASES THE BRACING MAY CONSIST OF "L" OR "T" SCAB BRACING.
- ALL CONTINUOUS LATERAL BRACES SHALL BE REINFORCED WITH DIAGONAL BRACING EVERY 20 FEET AS SHOWN. THIS IS AN NRCS REQUIREMENT AND WILL NOT BE SHOWN ON THE TRUSS DESIGN DRAWING.

OVERLAP ALL CONTINUOUS BRACE SPLICES BETWEEN TWO TRUSSES

CONTINUOUS LATERAL BRACE REQUIRED BY TRUSS DESIGNER

DIAGONAL BRACING REQUIRED BY NRCS, SPACED 20' O.C.

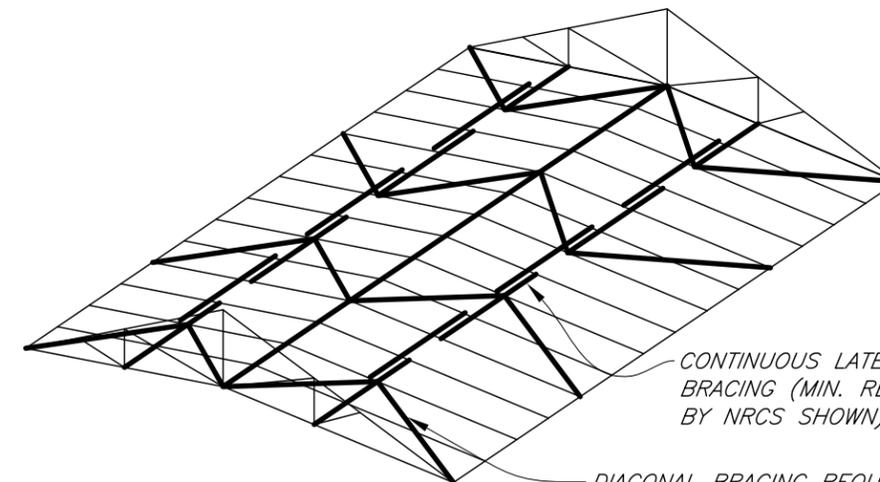


NOTE: WEB MEMBER BRACING IS SHOWN ONLY ON 1 SIDE FOR CLARITY. THIS IS AN EXAMPLE ONLY. THE TRUSS DESIGN DRAWING WILL HAVE THE ACTUAL WEB MEMBER BRACING REQUIRED.

**ISOMETRIC VIEW OF WEB MEMBER BRACING**  
Not to scale

GENERAL NOTES:

- BRACING REQUIREMENTS SHOWN ON THIS PAGE ARE THE MINIMUM REQUIRED BY NRCS.
- BRACING SHALL BE INSTALLED AS THE TRUSSES ARE ERECTED.
- UNLESS SPECIFIED OTHERWISE, ALL BRACING SHALL CONSIST OF 2" X 4" STRESS-GRADED LUMBER CONNECTED WITH TWO 16D DEFORMED SHANK NAILS TO EACH TRUSS MEMBER THE BRACE CROSSES.
- EXCEPT FOR TOP CHORD BRACING, ALL CONTINUOUS AND DIAGONAL BRACING SPLICES SHALL OVERLAP BETWEEN TWO TRUSSES (SEE WEB MEMBER BRACING DETAIL BELOW).
- ADDITIONAL TEMPORARY BRACING REQUIRED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REMOVED WHEN CONSTRUCTION IS COMPLETE.
- CONTACT YOUR AREA ENGINEER IF YOU HAVE ANY QUESTIONS REGARDING TRUSS BRACING.



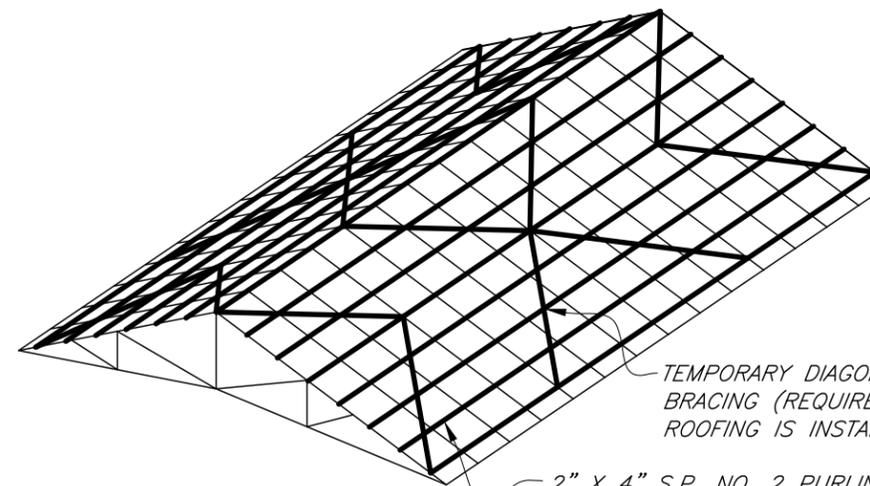
CONTINUOUS LATERAL BRACING (MIN. REQUIRED BY NRCS SHOWN)

DIAGONAL BRACING REQUIRED BY NRCS, SPACED 20' O.C.

NOTES:

- BOTTOM CHORD BRACING IS NORMALLY SPECIFIED BY THE TRUSS DESIGNER ON THE TRUSS DESIGN DRAWING. THE TRUSS DESIGN GOVERNS PLACEMENT UNLESS DESIGN REQUIRES LESS THAN THE MINIMUM BOTTOM CHORD BRACING REQUIRED BY NRCS OF THREE EQUALLY SPACED CONTINUOUS LATERAL BRACES.
- LATERAL BRACING SHALL BE REINFORCED WITH DIAGONAL BRACING EVERY 20 FEET AS SHOWN. THIS IS AN NRCS REQUIREMENT AND WILL NOT BE SHOWN ON THE TRUSS DESIGN DRAWING.

**ISOMETRIC VIEW OF BOTTOM CHORD BRACING**  
Not to scale



TEMPORARY DIAGONAL BRACING (REQUIRED UNTIL ROOFING IS INSTALLED)

2" X 4" S.P. NO. 2 PURLINS SPACED 2' O.C. (REQUIRED BY NRCS)

NOTES:

- TOP CHORD BRACING SHALL CONSIST OF 2" X 4" PURLINS (SOUTHERN PINE #2 OR BETTER) SPACED 2' O.C. AS SHOWN ON SHEET 5.
- TEMPORARY DIAGONAL BRACING SHALL ALSO BE REQUIRED IF ROOFING IS NOT INSTALLED IMMEDIATELY OVER THE PURLINS.

**ISOMETRIC VIEW OF TOP CHORD BRACING**  
Not to scale

| REVISIONS |              |                |
|-----------|--------------|----------------|
| DATE      | APPROVED     | TITLE          |
| 09/05     | H. McFarland | State Engineer |
| 01/06     | H. McFarland | State Engineer |
| 07/07     | H. McFarland | State Engineer |

|          |                                    |
|----------|------------------------------------|
| Date     | 07/07                              |
| Designed | W. Brown                           |
| Drawn    | D. Drewry, S. Rogers, H. McFarland |
| Checked  | J. Holloway                        |
| Approved | H. McFarland                       |

GEORGIA HEN LITTER STACK FACILITY  
 (4"x6" posts installed on top of concrete walls spaced 4'o.c.)



File No. ga-eng-313-hs2.pdf

Drawing No. Bracing

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