

Wilson, Donna

From: Eric Wallace <Eric@wallacefarmproducts.com>
Sent: Wednesday, May 20, 2015 2:46 PM
To: Wilson, Donna
Subject: Pit Construction @ Wallace Farm Davie Location
Attachments: Temp00130.pdf; ATT00001.htm

Hello Donna, I hope you are doing well.

I have attached the plans for the concrete mixing pit that we will be building at our Davie County Site. We are hoping to break ground on Monday, June 1st. Please let me know if you have any questions or need additional information.

Thanks,
Eric

DESIGN LOADS:

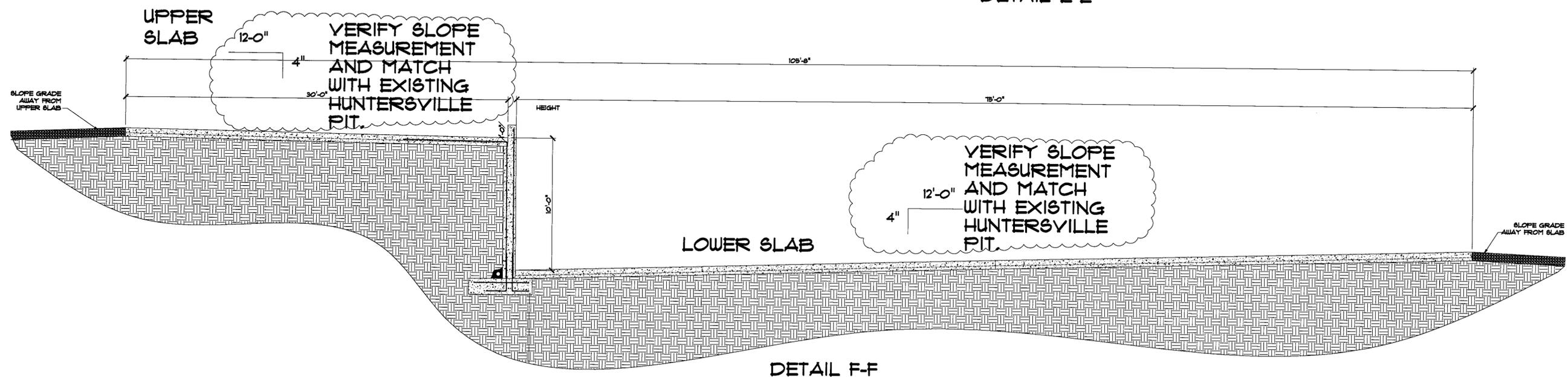
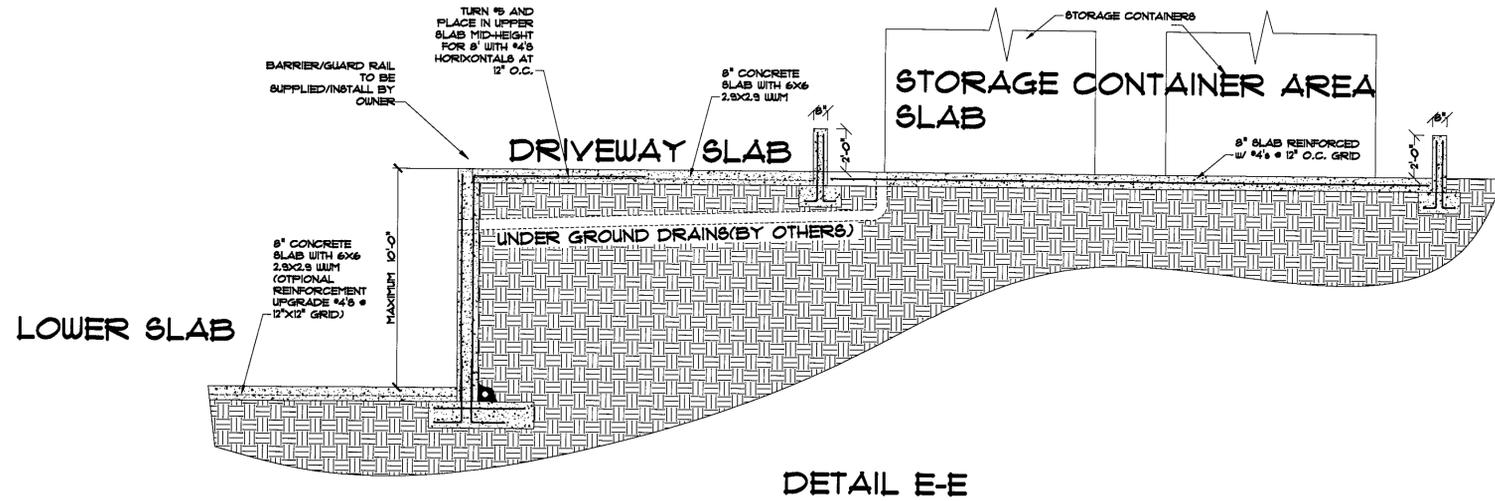
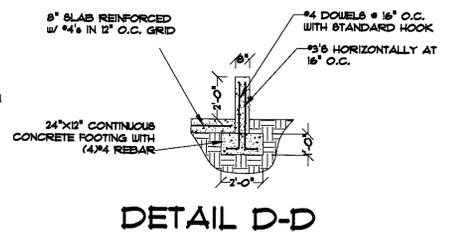
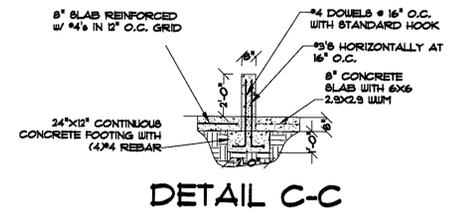
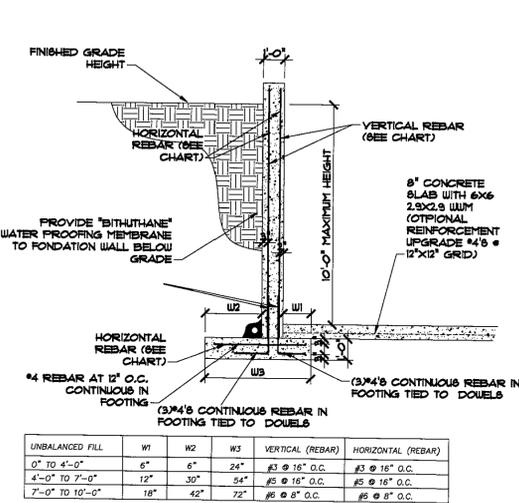
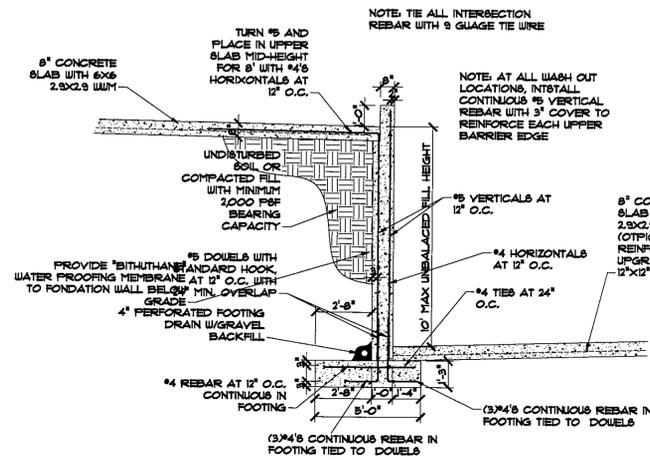
- 1) Design loads are all dead loads plus:
 - A) Surcharge.....500 PSF
 - B) Wind load.....90 MPH or as required by code
 - C) Snow load.....20 PSF or as required by code
- 2) All designs are in accordance with 2012 IBC. Refer to the relevant Code for any additional information not covered in these notes or the design.
- 3) Engineering design is for structural information only. Engineer of Record does not accept responsibility for dimensional errors, architectural errors, detailing of the waterproofing, plumbing, electrical, or mechanical information or any part of the plan not relevant to the structural information.

SITE SOIL CONDITIONS:

- 1) Minimum allowable soil bearing capacity of 2,000 psf in all construction areas. The contractor is responsible for notifying the Engineer of Record if any soils are found to be unsuitable for this bearing capacity. The contractor is responsible for obtaining soil testing to ensure that the bearing capacity of the soil meets or exceeds this value. All fill is to be compacted to 95% density as measured by the Standard Proctor Test (ASTM D-1557).
- 2) All soil that is being retained to have a maximum at-rest active soil pressure of 33 psf. The contractor is responsible for obtaining soil testing to ensure that the maximum at-rest active soil pressure does not exceed this value and notifying the Engineer of Record if the at-rest active soil pressure is not obtainable.
- 3) Contractor to provide adequate drainage from behind retaining walls.
- 4) All footing excavations shall be neat, straight, and level in the proper elevations to receive the concrete. Excessive variations in the dimensions of footings or slabs will not be permitted. Reinforcing steel and mesh shall be accurately placed and supported to maintain their position during the concrete pouring. Edge forms shall be used for concrete that will be exposed.
- 5) All slab penetration are to be the responsibility of the contractor. Penetration interfering with reinforcing shall be approved by the Engineer of Record prior to the placement of concrete.
- 6) Elevation difference between the bottom of adjacent footings shall be less than their horizontal distance apart in feet.

STEEL AND CONCRETE GENERAL NOTES:

- 1) All rebar shall conform to ASTM A36 having a minimum yield stress of 36,000 psi = 36 ksi.
- 2) All Concrete to have minimum compressive strength of 3,000 psi.
- 3) Tie all intersecting rebar with 9 guage tie wire.
- 4) All dowels to have standard hook in footing.



GENERAL NOTES AND DETAILS PAGE

SCALE: 1/4" = 1'-0"



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No.	Revision/Issue	Date
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Project: **WALLACE FARM COMPOST MIXING PIT**
DAVIE COUNTY, NC

Sheet Title

Date: 3/2/15	Sheet: S-2
Scale: 1/4" = 1'-0"	