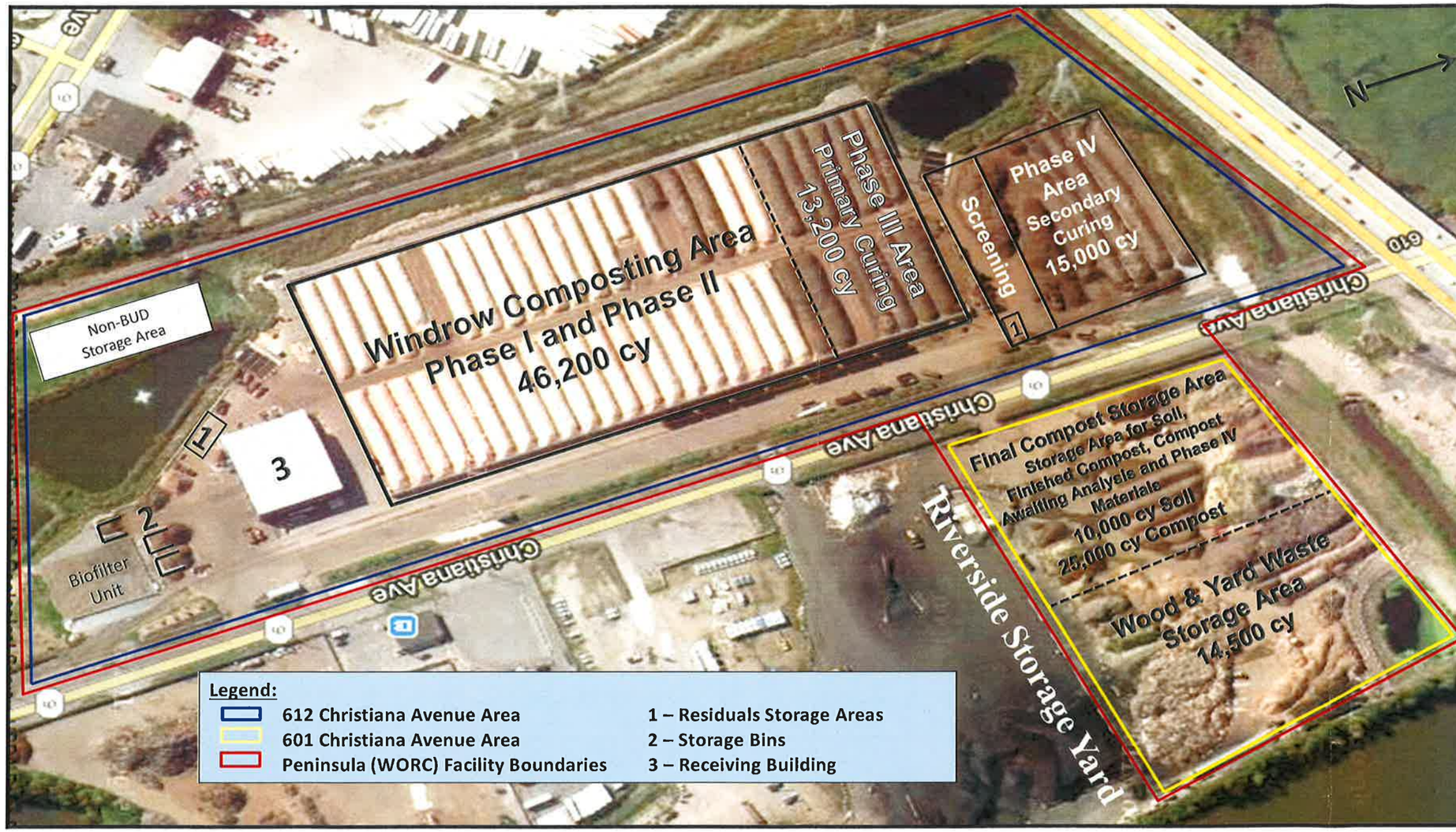
# Attachment I

*Maps, Drawings and Diagrams*

*Site Plan*
*and*
*Process Flow Diagram*




Site Plan Map
Wilmington Organic Recycling Ctr.
*601 and 612 Christiana Avenue*
*Wilmington, DE 19801*

Compliance Plus Services, Inc.
*P.O. Box 186 Hatboro, PA 19040*
*Phone: 215.734.1414*

| | | | |
|---|---|---|---|
| Scale: *None* | Date: 02/28/2014 | Drwg: RM | |
| Proj: 0240.0507.01 | Revision: 1 | Appr: MDL | |

# Wilmington Organics Recycling Center
# Amended Compost Process Flow Diagram

Incoming Food Waste

Offsite Disposal

Residuals Storage Areas Plastic, Debris, etc.

Receiving Building

Residual Sorting

Grinder

Pre-Compost Staging

Wood Chip Storage Area

Biofilter

Wood/Bulky Compost

**Phase I Composting**
4 wks – 30,800 cy

**Phase II Stabilization**
2 wks – 15,400 CY

**Phase III Primary Curing**
2 wks – 13,200 cy

**Phase IV[2] Secondary Curing**
612 (vol/time)
15,000 cy

Unders
2" Minus

Trommel Screens

Overs/Wood/Debris

Residuals Storage Areas Plastic, Debris, etc.

Offsite Disposal

Overs

**Final Compost Storage Area[1, 2]**
½" Minus

Mixing of Soil/Compost

Top Soil Product for Offsite Use

Compost Product Offsite Use

Unders

Screen

Incoming Soil

Soil Stockpile

(Screen Offsite)

Notes:

1) Final Compost Storage Area may include the following activities:
   a) A segregated storage of finished compost prior to analytical testing
   b) Storage of marketable material, generally ½ inch minus screened compost;
   c) Storage of approved high-carbon wood and yard waste feed stock;
   d) Additional screening of the already ½ inch minus screened compost to meet market specifications;
   e) Final curving of ½ inch minus screened compost, if necessary; and
   f) the grinding of approved wood and yard waste.
   g) 10,000 cy if soil, and
   h) Phase IV Compost

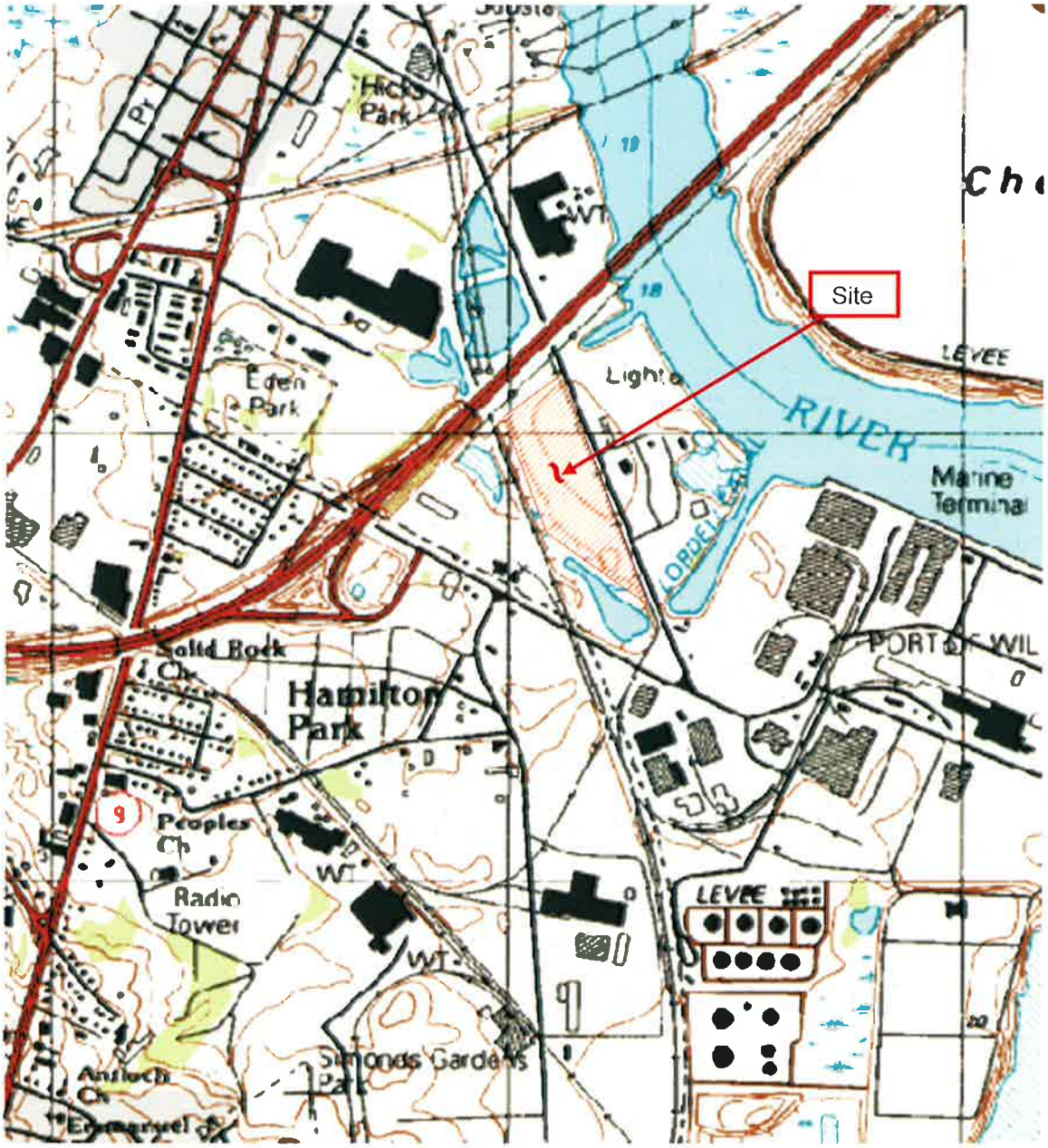
2) Following analytical testing finished compost material may be stored in any Phase IV Secondary Curing Area when needed to provide additional storage for seasonal fluctuations in business.

Revised February 2014

*Topographic Location Map*

# TOPOGRAPHIC LOCATION MAP

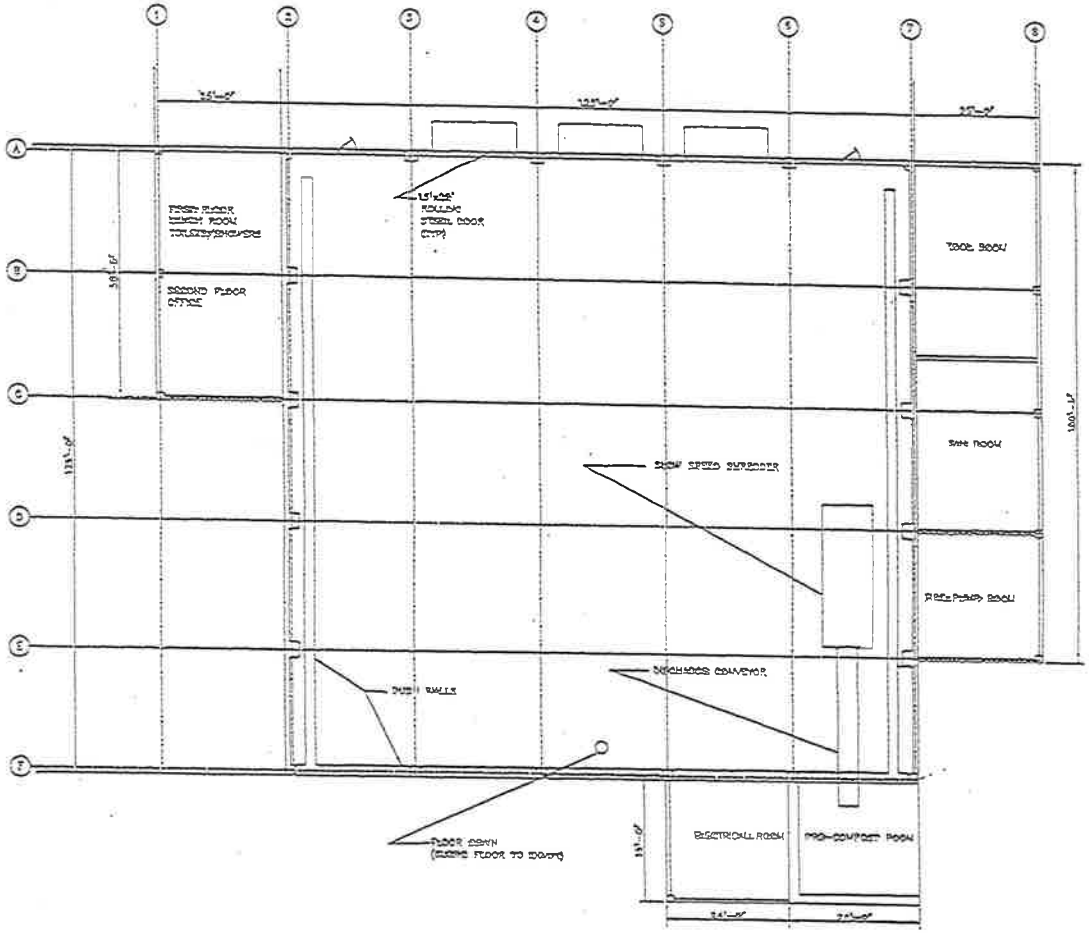
Peninsula Compost Company, LLC
601 Christiana Avenue
Wilmington, DE 19801




| | | |
|---|---|---|
| **USGS TOPOGRAPHIC MAP OF Wilmington, D.E.** | **SCALE:** 1:25,000 | **Date:** May, 2007 |
| | **PROJECT NO:** 0240 . 0407 . 01 | **File Name:** Peninsula Compost Company, LLC |


**Compliance Plus Services**
**120 Gibraltar Road, Suite 210**
**Horsham, PA 19044**
**215-734-1414**

*Receiving Building*




GENERAL ARRANGEMENT
3/32" = 1' - 0"

SCALE 3/32" = 1' - 0"

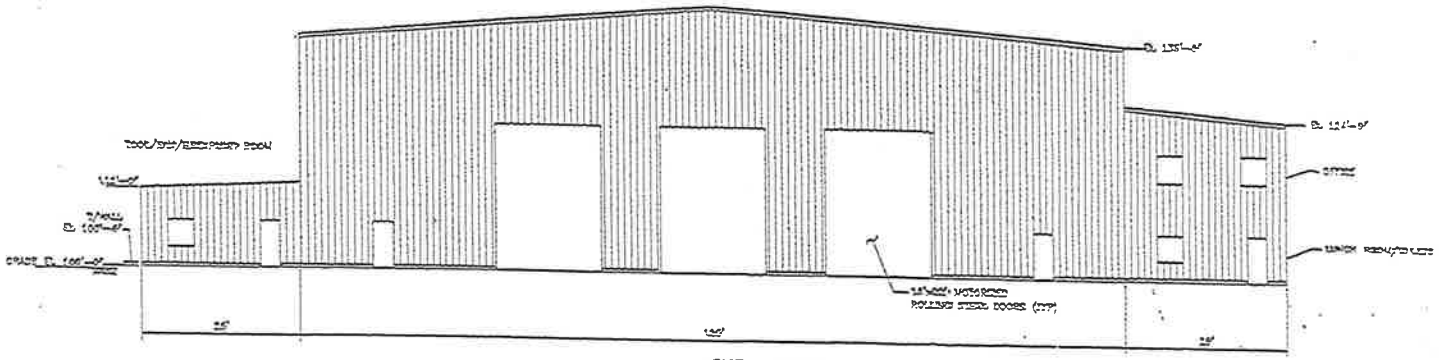
| | | | | | |
|---|---|---|---|---|---|
| A | ISSUED FOR RDS | | | | |
| REV | REVISION RECORD | DESIGN | CHK'D | APPR'D | DATE |

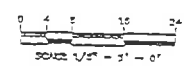
BENINSULA COMPOST COMPANY

WILMINGTON COMPOST FACILITY
BENINSULA COMPOST COMPANY LLC

RECEIVING BUILDING
GENERAL ARRANGEMENT

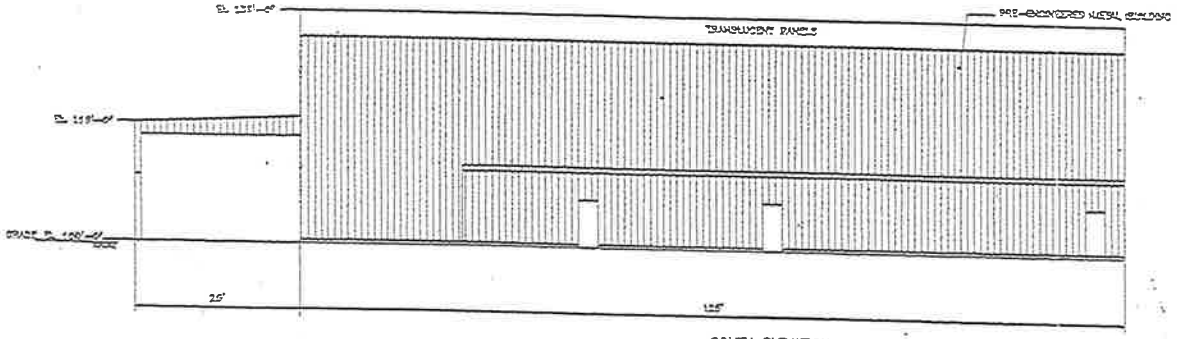
| | | | |
|---|---|---|---|
| DATE APRIL 2006 | | SCALE AS NOTED | |
| DRAWN BY | CHECKED BY | APPROVED BY | |
| DWG NO M-1 | | REV A | |

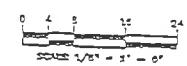



| | |
|---|---|
| PENINSULA COMPOST COMPANY | |
| WILMINGTON COMPOST FACILITY<br>PENINSULA COMPOST COMPANY LLC | |
| RECEIVING BUILDING ELEVATION<br>SHEET 1 | |
| DATE APRIL 2005 | SCALE AS NOTED |
| DRAWN BY | CHECKED BY / APPROVED BY |
| DWG NO A-1 | REV A |

| REV | REVISION/REASON | DESIGN | CHK'D | APPV'D | DATE |
|---|---|---|---|---|---|
| A | ISSUED FOR BID | | | | |




| REV | DESCRIPTION | DESIGNED | DRAWN | CHKD | DATE |
|---|---|---|---|---|---|
| A | ISSUED FOR SDS | | | | |

PENINSULA COMPOST COMPANY

WILMINGTON COMPOST FACILITY
PENINSULA COMPOST COMPANY LLC

RECEIVING BUILDING ELEVATION
SHEET 2

| | | |
|---|---|---|
| DATE APRIL 2002 | SCALE AS NOTED | |
| DRAWN BY | CHECKED BY | APPROVED BY |
| DWG NO A-2 | | REV A |