



Orange County Solid Waste Management Plan



The Town of Chapel Hill's development ordinance requires all development applications to provide a detailed solid waste management plan, including a recycling plan and a plan for management of construction debris. The following forms must be completed to fulfill this requirement. This form must be completed and approved to satisfy the requirement of a plan for management of construction debris for the Town of Chapel Hill's Development Ordinance. Please complete all information in its entirety. Assistance in completing this form is available from the Orange County Solid Waste Staff at (919) 968-2800 x163.

COMPLETE ALL INFORMATION BELOW

(Incomplete contact information will delay plan review and approval.)

Project Name The Barn of Chapel Hill

Property ID #: PIN 9729507168 Permit: _____

Project Location S. Side of Morrow Mill Road
+600' West of the Intersection of Millikan Rd.

Project Owner Kara Brewer

Contact Person Kara Brewer

Address 82 Jordan Hills Drive
Chapel Hill, NC 27517

Telephone (919) 357 - 2118

Fax/Mobile (None) - _____ / (919) 357 - 2118

Design Firm Philip Post & Associates, a Division of Pennoni

Contact Person Tim Smith

Address 401 Providence Road Suite 200
Chapel Hill, NC 27514

Telephone (919) 929 - 1173

Fax/Mobile (919) 493 - 6548 / (919) 616 - 6491

Date 10/21/2015

Provide a brief description of the work to be performed under this application:

(for example: construct a new commercial building [include use/sq. ft.], apartment complex [# units], place of worship, horizontal improvements for subdivision, etc.)

New construction of a relocated and rebuilt 19th century barn for an
event center. (+4200 SF) land clearing and construction of gravel
drive and parking areas.

1. Site Preparation Wastes (landclearing, demolition, deconstruction)

During site preparation for a project the amount of waste destined for a construction waste landfill or an inert debris landfill should be minimized or diverted for reuse or recycling. Many materials can be reused, recycled, or salvaged, provided that materials are kept separate. This approach may also reduce overall project waste disposal costs. **Regulated Recyclable Materials (clean wood waste, scrap metal and corrugated cardboard) generated in Orange County must be recycled.** During demolition activities, metal and wood are often not “reasonably possible to separate” or doing so may present health and safety concerns (asbestos, lead paint, etc.). In these cases only, are regulated materials not required to be separated for recycling. Consider whether the following materials will be generated on this project, *in any quantity*, and indicate the management method(s).

<input checked="" type="checkbox"/> 1. Trees and Plant Materials:	
<input type="checkbox"/>	No tree/plant wastes will be produced (proceed to # 2)
<input type="checkbox"/>	Tree waste will be salvaged as timber, mulch, or boiler fuel
<input type="checkbox"/>	Valuable plants will be removed for replanting
<input checked="" type="checkbox"/>	Landclearing and inert debris landfill (LCID)
<input type="checkbox"/>	Construction and demolition debris landfill (C&D)
<input type="checkbox"/>	Other (specify):

<input checked="" type="checkbox"/> 2. Dirt, Rock, Clean Fill, Inert materials to be removed from site:	
<input checked="" type="checkbox"/>	No inert materials will be removed from the site (proceed to # 3)
<input type="checkbox"/>	Site Needs Fill
<input type="checkbox"/>	Will be hauled to site needing fill
<input type="checkbox"/>	Construction and demolition debris landfill (C&D)
<input type="checkbox"/>	Landclearing and inert debris landfill (LCID)
<input type="checkbox"/>	Other (specify):

<input checked="" type="checkbox"/> 3. Asphalt Paving:	
<input checked="" type="checkbox"/>	No asphalt wastes will be produced (proceed to # 4)

<input type="checkbox"/>	Recycled at asphalt-paving producer
<input type="checkbox"/>	Used on or off site. Describe use:
<input type="checkbox"/>	Disposed in an approved landfill
<input type="checkbox"/>	Other (specify):

<input checked="" type="checkbox"/> 4. Concrete, Brick, Block, other Aggregate materials:	
<input checked="" type="checkbox"/>	No aggregate materials will be removed from the site (proceed to # 5)

<input type="checkbox"/>	Recycled as scrap at an aggregate producer
<input type="checkbox"/>	Used on or off site: Describe use:
<input type="checkbox"/>	Construction and demolition debris landfill (C&D)
<input type="checkbox"/>	Landclearing and inert debris landfill (LCID)
<input type="checkbox"/>	Other (specify):

<input checked="" type="checkbox"/>	5. Metal Scrap (metal wastes are required by ordinance to be recycled)
X	No metal waste will be produced (proceed to # 6)
	Segregated for on-site recycling collection
	Recycle at Orange County Landfill (no tip fee charged if kept separate)
	Segregated for hauling to scrap dealer by general contractor
	Segregated for hauling to scrap dealer by sub-contractor
	Certified Commingled Recycling Facility
	Other (specify):

<input checked="" type="checkbox"/>	6. Clean Wood Wastes (clean wood wastes are required to be recycled)
X	No clean wood wastes will be produced (proceed to # 7)
	Segregated for on-site recycling collection
	Recycle at Orange County Landfill (reduced tip fee charged if kept separate)
	Saved and used on future jobs
	Separated for private salvage or charity
	Certified Commingled Recycling Facility
	Other (specify):

<input checked="" type="checkbox"/>	7. Demolition/Salvage of Buildings or Structures on the Site:
X	No structure(s) will be removed (proceed to Construction Waste section)
	Structure(s) must be removed. Please describe (include square footage for each structure):
<p>If any structure described above is greater than 500 ft², it must be assessed for deconstruction possibilities. Please call Solid Waste Staff at (919) 968-2788 x107 or x109 to arrange an assessment.</p>	
Could the structure(s) be moved from the site?	YES NO Don't Know
Has the sale or donation of the structures been considered? Please explain:	YES NO
How will the structure be removed otherwise?	
What is the timetable on removal of the structure(s)?	
Are there salvageable materials (hardwood floors, fixtures, molding, that can be removed for reuse prior to demolition? If Yes, Please list (use a separate sheet if necessary):	YES NO Don't Know
Have, or will, these materials been offered for sale or donation?	YES NO

2. Construction Wastes

During the construction phase there are multiple options for recycling building materials. **Regulated Recyclable Materials (clean wood waste, scrap metal and corrugated cardboard) generated in Orange County must be recycled.** Although other materials are not required to be recycled, you are highly encouraged to do so. One of the best methods of recycling is to separate the materials on the jobsite. You may also combine materials for delivery to a certified recycling facility. Specifying waste reduction/recycling practices on a project will assure better performance.

<input checked="" type="checkbox"/>	1. Clean Wood Wastes (clean wood wastes are required by ordinance to be recycled)
	No clean wood wastes will be produced (proceed to # 2)
	Segregated for on-site recycling collection
X	Recycle at Orange County Landfill (reduced tip fee charged if kept separate)
	Saved and used on future jobs
	Separated for private salvage or charity
	Certified Commingled Recycling Facility
	Other (specify):

<input checked="" type="checkbox"/>	2. Metal Scrap (metal wastes are required by ordinance to be recycled)
	No metal waste will be produced (proceed to # 3)
	Segregated for on-site recycling collection
X	Recycle at Orange County Landfill (no tip fee charged if kept separate)
	Segregated for hauling to scrap dealer by general contractor
	Segregated for hauling to scrap dealer by sub-contractor
	Certified Commingled Recycling Facility
	Other (specify):

<input checked="" type="checkbox"/>	3. Concrete, Brick, Block, other Aggregate materials:
	No aggregate materials will be removed from the site (proceed to # 4)
	Recycled as scrap at an aggregate producer
	Used on or off site: Describe use:
	Construction and demolition debris landfill (C&D)
X	Landclearing and inert debris landfill (LCID)
	Other (specify):

<input checked="" type="checkbox"/>	4. Corrugated Cardboard (cardboard wastes are required to be recycled)
	No cardboard waste will be produced (proceed to # 5)
	Segregated for on-site recycling collection
X	Recycle at Orange County Landfill (no tip fee charged if kept separate)
	Segregated for hauling to paper dealer by general contractor
	Segregated for hauling to paper dealer by sub-contractor
	Certified Commingled Recycling Facility
	Other (specify):

<input checked="" type="checkbox"/> 5. Drywall	
<input type="checkbox"/>	No drywall waste will be produced (proceed to # 6)

<input type="checkbox"/>	Segregated for on-site recycling collection
<input type="checkbox"/>	Used on site as agricultural supplement
<input checked="" type="checkbox"/>	Disposed in an approved landfill
<input type="checkbox"/>	Certified Commingled Recycling Facility
<input type="checkbox"/>	Other (specify):

<input checked="" type="checkbox"/> 6. Other Materials	
<input checked="" type="checkbox"/>	No other wastes will be produced (proceed to # 7)

Please specify other wastes that will be produced and how they will be managed:

Plastics (including vinyl and shrink-wrap):
Carpet and padding:
Shingles:
Fixtures (sinks, tubs, lighting, etc):
Other (specify):
Other (specify):
Other (specify):

7. Bulk Containers (Dumpsters)	
County ordinance requires that any bulk waste container be labeled to define what materials are intended or prohibited from being deposited in them and be serially numbered. Hauling Licenses are required for vehicles greater than 9000 GVW in Orange County. Ensure that your waste haulers is licensed. You may contact Orange County Solid Waste for a list of licensees at (919) 968-2788 x107 or x109.	
<input checked="" type="checkbox"/>	There will be one or more bulk containers at the site for construction wastes.
<input type="checkbox"/>	Contractors will be required to remove own wastes without the use of bulk containers.
<input type="checkbox"/>	Corral or similar system will be used.

3. Recycling After Occupancy

Depending on the eventual use of the structure, different waste materials will be produced and available for recycling. Recyclable materials must be separated into categories based on collection methods.

PLANNING REQUIREMENTS:

- Indicate location of all bulk waste containers for refuse and recycling. Plan must show location of all containers, even if using existing refuse/recycling enclosures. Standard details/notes for any of the following are available from Orange County Solid Waste Management (919-968-2788 x107 or x109).
- All refuse/recycling containers are required to be on concrete pads.
- Provide a detailed and scaled plan of all bulk waste containers areas that show: each container labeled, required screening, lighting, overhead clearances, bollards, and concrete pad.
- Indicate whether refuse/recycling area will be gated. If so doors/gates will need retainers to be latched open for refuse/recycling collection.
- Ensure adequate collection vehicle access routes to all containers for deposit and collection. Turning radius templates are available from Orange County Solid Waste Management.
- Sharing of exterior recycling locations is acceptable if a joint access/shared-use agreement is filed and the deeds of all properties amended.

<input checked="" type="checkbox"/> Check materials that will be generated once the structure is ready for occupancy:	
X	Standard: glass bottles, metal cans, newspaper, glossy magazines, #1 plastics, #2 plastics
X	Corrugated Cardboard (not including waxed or single layer cardboard)
	Mixed Paper: junk mail, cereal boxes
	Office Paper: white or colored copy paper, confidential papers
	Restaurant: food wastes, cooking oil, disposable dining ware
	Other Plastics: #5, #7
	Business specific wastes (please describe):

Cardboard Recycling Requirement	
Orange County Ordinance requires recyclable corrugated cardboard to be kept separate from all other refuse. All developments must provide for cardboard recycling. If the facility's garbage will be collected from a bulk container (dumpster), a second waste container is likely to be required for cardboard. Public recycling drop-off sites can accommodate a very limited amount of commercial use (no > 50 boxes per week).	
X	Site Plan includes space for cardboard recycling container on Sheet # __S-4_____
	Corrugated Cardboard will be handled in an alternate manner. Description Required:

<input checked="" type="checkbox"/> Collection Type: This project will be served by the following collection methods. Check all that apply.	
	Exterior individual or cooperative-use bulk waste container site. May be suitable for apartment complexes, restaurants, places of worship, educational facility, office building, retail/office/restaurant combinations
X	Garbage dumpster
	Garbage compactor
X	Cardboard dumpster
	Cardboard compactor
X	Recycling carts for glass, cans, plastic bottles, newspaper, magazines, office paper (co-mingled)
	Cooking grease rendering container (required for any commercial kitchen facility)
	Food waste collection container (If qualify based on volume; contact OCSW staff for details of program)
	Standard "curbside" recycling collection. May be suitable for single-family developments and subdivisions, including some duplex, triples, and townhome developments.