



**City of Durham Fire Department
Fire Prevention Division**
 2008 E. Club Blvd.
 Durham, NC 27704
 Office (919) 560-4233
 Fax (919) 560-4256
www.durhamfd.org

BURNING PERMIT APPLICATION

In accordance with the provisions of the North Carolina State Fire Prevention Code and the City of Durham Ordinance, a burning permit must be obtained from the City of Durham Fire Dept. before a person is authorized to do any burning within the city limits of Durham.

All information must be completed before the processing of a burning permit application will proceed. This permit application and supporting documentation must be submitted via email to DFDInspect@durhamnc.gov in advance of planned burning operations. Failure to obtain the required permits will result in a \$500 fine.

1. Subject Property

Location / Name GPS #1
GPS #2

2. Applicant (Person or Firm Responsible for Burning Operations)

Permittee's Name _____
 Company Name _____
 Address _____
 City _____ State _____ Zip _____
 Daytime Telephone: () - _____ Fax: () - _____
 Emergency Telephone: () - _____

3. Property Owner

Name _____
 Address: _____
 City _____ State _____ Zip _____
 Daytime Telephone: () - _____ Fax: () - _____

4. Contractor (If Different from Applicant**)**

Name _____ Title _____
Company Name _____
Address _____
City _____ State _____ Zip _____
Daytime Telephone: () - Fax: () -
Emergency Telephone: () -

5. Permit Type (Fees apply to each jurisdiction and may differ)

30 Day Permit

6. Project Description

Estimated Start Date		Estimated End of Burning
Describe the project and why burning is a necessary part of the project:		

7. Submission Requirements

This application shall be accompanied by the following information, unless otherwise specifically modified by the Fire Marshal or his designee:

- A legible sketch of the burning site showing measured distances to adjacent buildings, streets, utilities, and other facilities.
 - A burning plan to include a description of the proposed burning procedures, an estimate of the total number of cubic yards/square feet of material to be burned, an estimate of the number of burns to be completed.
 - A safety plan to include any traffic control, barricading, signage plan, and adverse weather operation plan.
 - Any other studies or information deemed necessary by the Fire official, which may include, but is not limited to:
 1. A pre-burn inspection of all structures and facilities located within 1000 feet of the proposed burn location.
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8. Permit Conditions

1. Any burning permit may be revoked for (1) failure to comply with the provisions of the State and local codes; (2) failure to comply with any of the provisions of this permit; or (3) for any other cause if the Fire Official determines that the continuance of the permit is not consistent with the provisions of the Code or Air Quality Standards.
2. This permit shall not be transferable whether by operation of law or otherwise, either from one location to another or from one person to another.
3. Burning must be within the jurisdiction of this municipality.
4. No person shall kindle or maintain any fire within this jurisdiction without a permit from the City of Durham Fire Prevention Bureau.
5. No permit shall be issued for the burning of refuse that is in violation of any state or local Air Quality Open Burning Regulation.

6. All persons requesting permits must be aware of the Air Quality Ozone Action Codes; **RED** (unhealthy conditions) and **ORANGE** (approaching unhealthy conditions for sensitive groups).
7. The Fire Official will issue the permit upon successfully completing an inspection of the site.
8. The City of Durham only allows "**Pit Burning**". See attachments The Fire Official may require an air curtain fan when deemed necessary.
9. **Only natural vegetation shall be burned.** No oils, asphaltic materials, synthetic rubber, building materials, etc. shall be burned.
10. Initial burning shall be between the hours of 9:00a.m. and 4:00p.m., no combustible materials may be added to the fire after 3:00p.m.
11. The fire shall be constantly attended by a competent person until such fire is extinguished. All burning operations shall be conducted only when sufficient manpower and equipment are readily available to adequately control the operation (Water Source and/or Dozer. **Absolutely no unattended burning will be permitted.**
12. Burning must be at least 50 feet from any structure on the property where the burning is conducted, and at least 1000 feet from any other structure, property line, street, roadway, or highway.
13. Roadway for fire units shall be maintained during burning (20 feet fire lane capable of upholding fire apparatus >80k pounds).
14. Prevailing winds must be away from the city or any built-up area.
15. The amount of vegetation being burned must be minimized.
16. There must be a buffer 20 feet wide, completely cleared of all vegetation that circles the burn area.
17. If locations are near major highways, a consideration must be given to the impact the smoke cloud and debris has on traffic.
18. The permit holder must provide means of extinguishing the fire for the duration of the burn.
19. The Fire Marshal may revoke or suspend any permit as a result of any violations, weather conditions, proven complaints, or any unforeseen hazards that may arise.
20. Permit fees are non-refundable

10. Pit Burning

1. Burning shall be enhanced by an air blowing device, of sufficient size and power to achieve smoke-free burning. Minimum recommended size is approximately 15,000 CFM air discharge. The blower shall be equipped with an air-discharge manifold extending the full length of the pit.
2. Burning locations are strictly limited to the locations shown on the plans. Pits shall be generally located at the lowest elevation possible within the approved locations.
3. Excavate pit for burning operations. Maximum pit size is approximately 50' long x 12' wide x 10' deep, or as limited by blower size. Pit shall have side walls as near vertical as possible, to maximize air curtain effect (see Figure #1). Top of the pit shall have a stable area for placement of the blower and for dumping operations. The pit side walls may have to be re-shaped if top areas slough off. A smaller pit size may initially be installed to allow for future enlargements.
4. Position blower at the top of the pit, in such a manner as to blow air downward across the top of the pit, at an approximate 20 degree angle from the horizontal plane, and to create a circular air flow "curtain" from which no visible smoke escapes burning operations. The blower manifold shall equally distribute the air curtain across the entire length of the pit.
5. Burning residue shall be removed from the pits and taken to the designated spoil material area, where it shall be evenly spread in thin lifts, and incorporated into the general earth fill for the area.

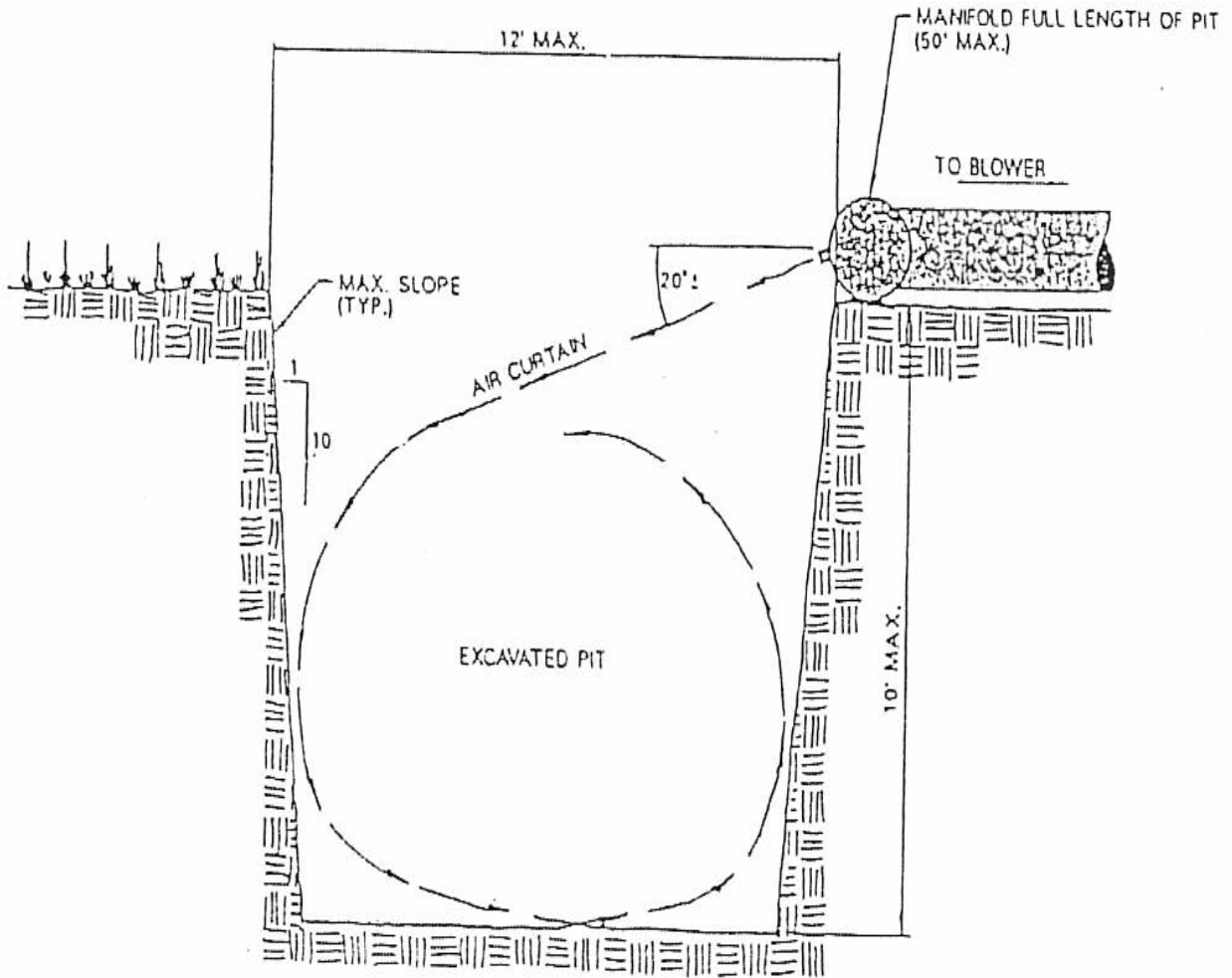


FIGURE NO. 1
SECTION THROUGH BURNING PIT

11. Permit Approval

The Fire Code Official will deliver the permit via email to the Contractor once final approval is given to conduct burning operations. Any failure to provide the requested information and documentation may lead to a delay in processing and issuance of a permit.

12. Certification and Signature

I hereby certify that I have read and examined this application and its attachments and that all of the information contained therein is true and correct. Furthermore, I certify that the proposed burning operations will fully comply with the requirements contained in The North Carolina State Fire Prevention Code, City of Durham Ordinance 9-27 and all NC Air Quality Regulations. I agree to indemnify, save harmless, and defend the City of Durham, its agents and employees, from all claims, damages, costs, expenses, and charges, including attorney's fees, which arise out of or by reason of these burning operations.

Applicant Company

By:

Date: / /

Property Owner's Signature

Date: / /
