

# East Coast Drilling & Blasting, Inc.

481 Airport Rd.  
Louisburg, NC 27549  
P.O. Box 1436  
Wake Forest, NC 27588  
919-570-0804 tel  
919-570-5386 fax

(Maximums)

To: Serenity  
Name of Contractor

Blasting Date(s) : As soon as approved

The following blast plan outlines the blasting procedures East Coast Drilling & Blasting, Inc. (ECD&B) will follow when performing blasting activities for the above referenced contractor at the following location:

## 469 Piney Grove Rawls Rd Fuquay Varina, NC

1. Blast holes will be loaded by experienced blasters only. Anyone helping will not perform any work unless directly supervised by the blaster-in-charge.
2. Non-electric blasting caps will be used at all times.
3. No one is to hook-up shots except for the blaster.
4. Circuits will be checked by the blaster before the blast.
5. Traffic (vehicle/pedestrian) will be stopped before blasting, as deemed necessary by the blaster. If additional personnel are needed to help with traffic control, the contractor will assist ECD&B with this matter.
6. Warning signs "Blasting Zone" will be posted/stationed at all vehicular access points. If necessary, additional signage or personnel will be posted/stationed where there is pedestrian traffic near the blast zone.
7. Seismic monitors will be placed at the engineer's discretion to properly monitor ground vibration.
8. Fly rock will be contained in the blast area using: Rubber Blasting Mats.
9. Before blasting, ECD&B will notify the general contractor to evacuate all site personnel to pre-determined safe havens.
10. Before each shot is detonated, audible warning signals (air-horn) will be sounded: 1 minute before blast (3 prolonged horn blasts); Followed by the announcement "Fire in the hole" immediately preceding the detonation.
11. After the blast, the blaster will check the shot and signal all clear (one horn blast) if everything is O.K.
12. Explosives will not be stored on site. Explosives will be transported to and from the site by truck.
13. Hole size(s) for this project include: 3.5".
14. Hole depth(s) for this project are: 4-20 feet.
15. The drill pattern, including burden and spacing, will be: 7' x 7'.
16. Explosive products to be used for:  
Wet holes: Hydromite, 1/2 lb booster, Non-electric detonators  
Dry holes: ANFO, 1/2 lb booster. Non-electric detonators
17. The type of delay sequence will be: 25/500.
18. Maximum pounds of explosives per delay will be: 42lbs.
19. The depth of overburden is approximately: 4'-12'.

Additional Comments: Geosonics will provide pre-blast surveys and seismic monitoring. Est. of 80000

cubic to be blasted. If you have any questions, please contact: Paul Cypher at 919-612-9629.