



Blasting Plan

Hannah Dustin Condominiums Boscawen NH

Scope of Work : To drill and blast ledge on the project know as Hannah Dustin Condominiums . Located in Boscawen NH. All blasting will be to state and local regulations. Each blast should be coordinated with local and state authorities and Jerney Hiltz Excavation.

Blasts shall be developed not to exceed the state and local vibration limits. Blasting shall commence on or around the twenty ninth of April 2016. Blasting shall last approximately 16 days.

Blasting Procedures :

- Pre Blast surveys will be performed at all structures within 100ft of each blast
- Blasting Operations shall commence after 8:00 am and cease before 5:00 pm
- Mon - Fri days of blasting
- All warnings shall be given by audible and by signage. The audible decibel can be heard a half mile away.
- Access to the blasting area shall be controlled to prevent unauthorized entry before each blast
- Clean 3/8 crushed stone shall be used for all stemming
- All blast holes shall be drilled with one foot of intended blast design
- Boring logs shall be filled out by each driller and identify overburden voids seams and ground water condition and be given to blaster that will load those holes.
- Blasting Logs will be filled out for every blast.
- All loaded holes shall be detonated before end of work day.



Warning Signals :

Three Whistles - 5 minutes to blast

Two Whistles - 1 minute to blast

One Whistle - All Clear

All communication will be through radio or cell phone with Jeremy Hiltz Excavation. All personnel closest to blast will be warned with a representative from Capital Rock of where to go and when blast is projected to go off. All personnel and equipment shall be at a designated safe location per blast.

Any misfires Capital Rock will immediately notify Jeremy Hiltz Excavation and correct the problem weather bad product not tied in properly or cut off.

Traffic Control : During a blast all traffic on site will be controlled by Capital Rock. The communication will be through Jeremy Hiltz excavation

Blasters/ Insurances : All Capital Rocks Blasters are licensed in the state of NH. Capital Rock is fully insured for all blasting operations and all trucks are fully licensed and insured to haul explosives.

Explosives : All explosives brought to job will be from two different vendors , Maxam North America and Austin Powder . No trucks or powder will be left on jobsite overnight. MSD sheets are available upon request and each driver shall have one for each product on board with them.

Safety Plan : All personnel from Capital Rock follows the best management practices for the company. Supervisors have copies in their trucks.



Pre Blast Surveys & Notifications:

Pre blast surveys will be conducted and offered to all property owners within 100 ft radius of each blast site. Appropriate notices will be given and appointments arranged for those owners who are in this radius. Pre Blast surveys will be conducted by Capital Rock . Results of these surveys will be documented through video or still photographs and appropriate narration or written reports. Pre blast surveys will be performed in accordance with the state of New Hampshire standard specifications and will be submitted to the contract administrator before commencement of blasting.

Blast Monitoring :

All blasts will be monitored by a representative of Capital Rock who has been properly trained in the setup and use of seismic equipment. Seismographs will be in use during all blasts. Placement of seismographs will be at the nearest " non controlled" structure to blast site . Results will be reviewed and modifications will be made to the blasting as necessary.

Blasting Mats :

Blasting mats and backfill will be used at the discretion of the blaster in charge to control excessive amounts of rock movement when blasting. Placement and number of mats are typically determined by blaster. Mats will be placed so as to protect people natural resources and structures on or surrounding blast site. Rubber size blasting mats will be used on this project and will consist of 10 x 15 mats or equivalent.