

J & J BLASTING CORP.

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June 27, 2022

Mr Bernard Pellegrino, Esq

Pellegrino Law Firm

475 Whitney Ave.

New Haven, Ct, 06511

Re: Blast Plan for The Bluffs, East Haven, Ct.

Mr Pellegrino,

Thank you for the opportunity to develop a blast plan for the safe removal of ledge on this project. This plan and our companies operations comply with all federal, state and local regulations governing the safe use, storage and transportation of explosives. This plan also adheres to the Settlement Agreement stipulations regarding blasting on this particular site reached between The Bluffs and the Town of East Haven.

J & J Blasting Corp. has been in continuous operation in Ct. since 1973. We are fully licensed and insured and certified by the Ct State Fire Marshals office, the BATF and the USDOT. All personnel are experienced and fully trained, as well as being MSHA/OSHA certified. I have been a licensed blaster since 1985 and have completed countless projects similar to this in my career.

Prior to any blasting, pre blast notifications and an offer of inspections to neighbors will be done and an Explosive Use Permit must be obtained from the East Haven Fire Marshal.

Pre Blast notifications/inspections- All owners of neighboring properties that are within 500' for The Bluffs property lines will be notified by certified mail and by first class mail at least 21 days prior to any blasting. They will be informed in these mailings of the name of the property owner of the blast site, the address and description of the property to be blasted, the name of the blasting contractor, the anticipated blasting start date and anticipated completion date, the offer of a pre blast inspection of their property (and offer of post blast inspection where pre inspection was done), the name and contact info of the company who they can schedule inspection with, that they have 15 days from date of this mailing to schedule an inspection, and whom to contact if after blasting begins they feel blasting may have damaged their property. A copy of the mailings will be provided to the Fire Marshal once mailed. A log of all certified mailings, certified mail receipts, and the names and addresses of all property owners who requested a pre and post blast inspection shall be submitted to the Fire Marshals office at least 7 days in advance of blasting.

Explosive Use Permit-After the pre blast inspection process has begun a proposed schedule of blasting, including proposed date and time for a pre blast site inspection and anticipated start and completion dates of the blasting, will be submitted to the Fire Marshal. Once all pre blast inspection work is complete our firm will provide the Fire Marshal any documentation necessary including valid Ct explosive license, insurance, CBYD number, seismograph calibration certificates, and copies of pre blast inspections. After issuance of the permit, seismograph records and daily blast reports will be readily available to the Fire Marshal as the work proceeds. Each day prior to any blasting the East Haven Fire Dept. will be notified at 203.468.3221. Blast warning signs will be displayed near the site during blasting operations as determined by the Fire Marshal.

I spoke with East Haven Fire Marshal Charlie Miller today and asked if there is anything else besides the federal/state regulations and the Settlement Agreement that he will be requiring of the blasting contractor on this project. Fire Marshal Miller will require notification via telephone call to the same neighbors in the pre blast inspection radius at the beginning of each 30 day permit period, a video recording of each blast, seismograph monitoring of all blasts and blasting mats. Once a week the blast reports, seismic recordings and blast videos will be forwarded via email to the Fire Marshal.

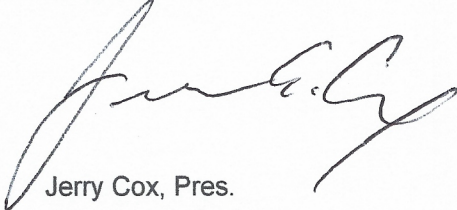
Every site is unique in terrain, material, surroundings, etc. Our goal is always to safely achieve ledge fragmentation using as little explosives as is necessary while maintaining satisfactory seismic results at the closest neighboring property. Drilling and blasting can proceed on this site in any sequence the developer chooses. Boreholes should be between 3 and 4 inches in diameter. Shallower cuts of ledge will require 3 inch boreholes drilled in an approximate 6 ft x 6 ft pattern. Deeper cuts can be drilled using 3.5-4 inch bits on an expanded drill pattern. Another important factor in shot design is pounds per delay of explosives. Non electric millisecond delay detonators are used to minimize the pounds per delay and control the blast. Proper borehole size, drill pattern and millisecond delaying of each blast will ensure good results.

All blasts will be monitored with at least two calibrated seismographs, capable of measuring peak particle velocity in 3 directions. The seismograph will always be placed between a blast and the closest neighboring property. The machines record data regarding both ground vibration and air noise. Through decades of research the United States Bureau of Mines has established guidelines for safe blast limits. A seismograph recording of a blast can immediately be compared to the USBM graph in the field to confirm

that safe limits are being maintained. With proper blast design I anticipate the seismograph levels recorded on this project to be less than 50% USBM recommended limits.

With adherence to the Settlement Agreement, and all federal, state and local Fire Marshal regulations the Explosive Use permit can be obtained. Each day onsite safe practices in the transport and handling of explosives, communication, proper drilling and blast design, and seismic monitoring will ensure that there will be no adverse impacts to any off site or onsite areas other than the immediate area of the ledge being blasted.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerry Cox", written in a cursive style.

Jerry Cox, Pres.

J & J Blasting Corp.