



9/Am.

CITY OF LEE'S SUMMIT

PUBLIC WORKS DEPARTMENT / ENGINEERING DIVISION
220 SE Green Street
LEE'S SUMMIT, MISSOURI 64063
(816) 969-1800 FAX (816) 969-1810

PRBL 20181421

BLASTING PERMIT APPLICATION

DATE 4-15-18

6 COPIES: CONTRACTOR
PUBLIC WORKS SECRETARY OFFICE FILE
FIRE ALARM OFFICE - DISPATCH
FIRE CHIEF, FIRE DEPARTMENT
BATTALION CHIEF, FIRE DEPARTMENT
ORIGINAL: PUBLIC WORKS INSPECTIONS PROJECT FILE

1. LEGAL DESCRIPTION OF PROPERTY UPON WHICH BLASTING IS TO BE PERFORMED:

2. LOCATION OF BLASTING SITE: 11345 New High Drive

3. NAME/ADDRESS OF APPLICANT (if applicant is a corporation, list State of incorporation):
NAME Luttrell Blasting Enterprises Inc
ADDRESS 26422 Wagon Wheel
CITY/STATE/ZIP Chester KS 66001 MO corp

4. TELEPHONE NUMBER OF APPLICANT
a. Daytime Telephone: 816 808 0959
b. Emergency Telephone: 816 808 0959

5. NAME OF RESPONSIBLE PARTY (individual name):
Erica Beaver

6. NAME(S) OF QUALIFIED BLASTER(S) (include individual's age and years of experience):

Erica Beaver 35 yrs old
13 yrs exp
Contact number of blaster: 816 808 0959

7. APPROVED INSURANCE CERTIFICATE PROVIDED? ☒ YES ☐ NO

a. INSURANCE POLICY EFFECTIVE DATES

b. BLASTING COVERAGE IS A MINIMUM OF \$2,000,000 ☒ YES ☐ NO

8. PURPOSE OF BLASTING (BE SPECIFIC): Blasting for Sanitary
sewer service & main installation

9. DOES APPLICANT HAVE THE LEGAL RIGHT TO ENTER UPON THE AFFECTED AREA?

yes RECEIVED
(PROVIDE DOCUMENTATION AS ATTACHMENT)

APR 18 2018

Development Services

10. APPLICANT MUST PROVIDE ACCURATE DRAWINGS OF A SCALE OF NOT LESS THAN ONE INCH TO 100 FEET CLEARLY SHOWING:

- The layout of the blasting area and land to be affected during the period of the permit including all boundaries of the land to be affected.
- Location of all structures in the permit area.
- All easements of record, public and private, which cross the permit area.

11. HAS THE APPLICANT, A SUBSIDIARY, AFFILIATE, OR PERSONS CONTROLLED BY OR UNDER COMMON CONTROL WITH THE APPLICANT, EVER HELD A BLASTING PERMIT IN ANY STATE OR POLITICAL SUBDIVISION WHICH IN THE FIVE-YEAR PERIOD PRIOR TO THE DATE OF SUBMISSION OF THIS APPLICANT BEEN SUSPENDED OR REVOKED?
__ YES X NO

GIVE A DETAILED EXPLANATION IF YES Daily delivery as needed. The Delivery Truck is The day Box. The Truck will Leave The Site AT The end of day. (Per ERIC BEAVER) D.B.

12. PRESENCE OF DAY BOX: __ YES X NO

13. DAY BOX MUST BE REMOVED FROM THE SITE AT THE END OF THE DAY UNLESS PRIOR APPROVAL HAS BEEN GRANTED BY THE FIRE DEPARTMENT.

13. **EXACT LOCATION OF DAY BOX:**

14. MATERIAL USED IN BLASTING:
- Type and class of explosives: 1.4 2 1/2 lb unimat; Blasting Agent; AMFO;
 - Amount (lbs.) of each type: Emulsion Mincum amounts + (-) 2,000 #s
 - Type of detonators: Non-electric? X Electric? __

15. SEISMOGRAPHS:

- Must be provided for each blast. This includes documentation and seismogram provided upon request by the City Engineer.
- Type of unit in use: Instafel
- Serial number of seismograph: #5593, #2141, #BA7012, #BA7805
Is unit self triggering? X Yes __ No
Is unit self calibrated? __ Yes X No
Name of person with seismograph: Rob Morgan
Provide documentation. Muten Stevensen } Morgan Construction Services

16. **SPECIAL CONDITIONS**

The following rules shall be followed:


- NO BLASTING SHALL TAKE PLACE AT ANY SITE WITHOUT FIRST NOTIFYING THE FIRE DEPARTMENT ALARM OFFICE AT 969-7360, AND PUBLIC WORKS INSPECTIONS AT 969-1827.

- b. BLASTING MAY BE PERFORMED DURING DAYLIGHT HOURS ONLY, NO EXCEPTION.
- c. NO SMOKING allowed within 50 feet of any location where explosives are being handled or stored. This includes no fire or flame of any type.
- d. During the time of loading explosives into holes, the blast site shall be barred to all but those authorized persons engaged in the drilling and loading operations or otherwise authorized to enter the site for specific associated reason. The blast site shall be guarded and posted.
- e. Post City blasting permit in a visible location on site; an approved blaster on file with this office must be present during all blasting activity and present certificate authorization and photographic identification upon request by the City of Lee's Summit. Please report any loss of blasting permit to the Public Works Department immediately.
- f. The City of Lee's Summit shall have the right to enter construction/blasting sites before, during, or after blasting.
- g. False information provided to the Public Works Department on this application sheet will result in revocation of permit and the site closed by the City of Lee's Summit.
- h. The person(s) in charge of blasting on site must follow all city, state and federal requirements. Any person or company found not following requirements will have permits revoked and the site closed by the City of Lee's Summit.
- i. When blasting is being conducted in the vicinity of gas, electric, water, fire alarm, telephone, telegraph or stream utilities, the blaster shall notify the appropriate representative of such utilities at least 24 hours in advance of blasting specifying the location and intended time of such blasting.
- j. Precautions shall be taken to prevent the premature detonation of explosive materials from lightning, radio frequency energy, extraneous electricity or static electricity caused by dust or snow storms, low humidity or mechanical conditions. Such precautions shall include the suspension of blasting operations and removal of persons from the blasting area during the approach and progress of a thunderstorm.
- k. Tools used for the opening of containers of explosive materials shall be made of non-sparking materials.
EXCEPTION: box cutters or knives of metal are allowed for opening paper, plastic or fiberboard containers.
- l. Empty boxes and paper, plastic, detonation cord or fiber packing materials which have previously contained materials shall not be reused, and shall be collected, removed and disposed of.
- m. Blasting permits will be issued by the Public Works Department for 90 day periods only. If any changes are made which affect the information given on the initial permit application, the initial permit will become null and void, therefore another application must be made including all original fees.
- n. Completed applications and plans shall be submitted to the Pubic Works Inspections Supervisor for review. Applicants will be notified when plan review is completed as to

further information needed or approval. Blasting permits will be issued upon appropriate review by the **Public Works Department** and the payment of permit fee. A minimum 24 hour notice should be expected for an approval to be returned to the contractor.

- o. **All storage of explosives in excess of that amount required for one day's use requires a permit to be issued by the Fire Department. The day box storage of that amount required for one day's use as approved in the Blasting Permit application shall be in accordance with all City, State, and Federal regulations.**
- p. The blasting regulation can be found on the City of Lee's Summit's web page at www.lees-summit.mo.us.

Applicant acknowledges that he has read and agrees to comply with the Blasting Regulations in the Design and Construction Manual of the City of Lee's Summit.

Applicant's Signature:  Date: 4-15-18

Approved by:  Issued Date: _____

Permit Number: _____ Expiration Date: _____

Denied by: _____ Date: _____

Reason Denied: _____

MORGAN CONSTRUCTION SERVICES, INC.

P.O. Box 23118, Overland Park, KS 66283

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913-851-9799

December 1, 2017

Owner
(Address)
Lee's Summit, MO 64081

Subject: Meridian Apartments
File: 121701

Dear Owner:

We would like to take this opportunity to notify you of an upcoming construction activity associated with the above-referenced project.

We have been notified by the contractor that some controlled blasting work will be necessary to allow for the excavation of rock on this project. Therefore, the contractor has authorized our company to offer an objective, third-party "preblast survey" of the adjacent structures.

This survey is being offered to you at the contractor's expense. It is a documentary survey, using photographs, to record existing fractures and visual defects in your home/building prior to the start-up of blasting activities.

Mr. Mitchell Stevenson will conduct this survey at your convenience. It is encouraged that you accompany him during the survey in order to see the items noted and ask any questions that you may have.

Please call 913-851-9799 to set up an appointment for this survey.

Sincerely,
MORGAN CONSTRUCTION SERVICES, INC.



Rob Morgan
President

MORGAN CONSTRUCTION SERVICES, INC.
SURVEY SUMMARY

JOB NAME: Meridian Apartments

JOB NUMBER: 121701

CLIENT: Bair Exc.

ADDRESS	REMINDER TAGS DELIVERED	LETTERS DELIVERED/ MAILED	INTERIOR SURVEY COMPLETE	EXTERIOR SURVEY COMPLETE	DISC #	TAPE #
301 View High Dr Lee's Summit, MO 64081			12/1			
325 View High Dr			12/1			
345 View High Dr			12/1			

LETTER OF NOTIFICATION

Re: Meridian Apartments

Location: East side of View High Drive across from the Fred Arbanas Golf Course

This letter is to notify you that construction activities are scheduled in your area. This work will be anywhere from 600 to 1000 feet from your residence/building. As part of this construction work, some blasting will be required in order for the contractor to remove rock before beginning digging operations. This blasting will be monitored with seismograph equipment. The blasting vibration levels are required to be well below potentially damaging levels (as established by the United States Bureau of Mines).

Nevertheless, even though vibrations are required to be below any potentially damaging levels, it is still possible that you may feel some transient vibrations coming from this site. It is for this reason that the notification is being made so that you will know in advance the source of these vibrations and not be alarmed. It is also quite possible that because your structure is a reasonably large distance from the construction site, you may not feel any vibrations at all. There will typically be one or two blasts per day, usually in the afternoon. However, this may vary somewhat depending on weather conditions, etc.

THANK YOU!

Morgan Construction Services, Inc. • Overland Park • Kansas • 913-851-9799

DNR Technical Services

307 STARBOARD LANE
BRANDON, MS 39047
(601) 829-9677

CALIBRATION CERTIFICATE

DNR TECHNICAL SERVICES HEREBY CERTIFIES THAT

INSTANTEL DS-477 seismograph

Serial number: **2141**

Has been calibrated on : **January 19, 2017**

The results of this calibration are consistent with industry and regulatory standards and published specifications (*) for this instrument. Calibration test references traceable to NIST (National Institute of Standards and Technology).

- (*) Microphone is calibrated to within .2 dB of Bruel & Kjaer reference @ 30 Hz./127 dB, +1/-2 dB @ 2 Hz., ± 3 dB @ 250 Hz. Microphone "A" (no regulatory or industry standard for "A" weight) is not calibrated. GEO sensors are calibrated within 1% of Bruel & Kjaer reference accelerometer @ 15 Hz. Frequency, 1 inch per second.

It is recommended that this unit be sent to a qualified service center for calibration once a year. A proper "SensorCheck" test of the seismograph, for each use, ensures proper connection and operation of the geophone and microphone sensors between calibrations.

SIGNED:


David Rudy - Technical Services Manager

Test Equipment Used for Calibration:

Bruel & Kjaer Accelerometer Model 4370	S/N 1452373
Bruel & Kjaer Charge Amplifier Model 2635	S/N 1493428
Bruel & Kjaer Vibration Exciter Model 4809	S/N 1405582
McIntosh 210 Watt Amplifier Model 2100	S/N 73W30
BK Precision Sweep Function Generator Model 3030	S/N 46-24238
Tenma Frequency Counter / Function Generator Model 72-6644	S/N MB00002628
Bruel & Kjaer Pistonphone Model 4220 (20 Hz to 250 Hz @ 127 dB)	S/N 404192
DNR Pressure Chamber (2 Hz to 15 Hz @ 132 dB)	NSN
Tecktronix Digital Storage Oscilloscope Model TDS2014	S/N C011188
Fluke Digital Multimeter Model 89-IV	S/N 73680398

"SensorCheck" is an Instante! trademark

CALIBRATION CERTIFICATE

DNR TECHNICAL SERVICES HEREBY CERTIFIES THAT

INSTANTEL DS-077 seismograph

Serial number: 5593

Has been calibrated on : June 30, 2017

The results of this calibration are consistent with industry and regulatory standards and published specifications (*) for this instrument. Calibration test references traceable to NIST (National Institute of Standards and Technology).

* Microphone is calibrated to within .2 dB of Bruel & Kjaer reference @ 30 Hz, 127 dB, +1 / -2 dB @ 2 Hz., \pm 3 dB @ 250 Hz. Geophone sensors are calibrated within 1% of Bruel & Kjaer reference accelerometer @ 15 Hz. frequency, 1 inch per second.

It is recommended that this unit be sent to a qualified service center for calibration once a year. A proper "SensorCheck" test of the seismograph, for each use, ensures proper connection and operation of the geophone and microphone sensors between calibrations.

SIGNED:


David Rudy - Technical Services Manager

Test Equipment Used for Calibration:

Bruel & Kjaer Accelerometer Model 4370	S/N 1452373
Bruel & Kjaer Charge Amplifier Model 2635	S/N 1493428
Bruel & Kjaer Vibration Exciter Model 4809	S/N 1405582
McIntosh 210 Watt Amplifier Model 2100	S/N 73W30
BK Precision Sweep Function Generator Model 3030	S/N 46-24238
Tenma Frequency Counter / Function Generator Model 72-6644	S/N MB00002628
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Fluke Digital Multimeter Model 89-IV	S/N 73680398

"SensorCheck" is an Instante! trademark

Calibration Certificate

Part Number: 714A0801

Description: BLASTMATE III

Serial Number: BA7012

Calibration Date: March 6, 2017

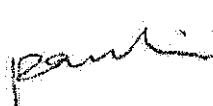
Calibration Equipment: 718A1501

Instantel certifies that the above product was calibrated in accordance with the applicable Instantel procedures. These procedures are part of a quality system that is designed to assure that the product listed above meets or exceeds Instantel specifications

Instantel further certifies that the measurement instruments used during the calibration of this product are traceable to the National Institute of Standards and Technology; or National Research Council of Canada. Evidence of traceability is on file at Instantel and is available upon request.

The environment in which this product was calibrated is maintained within the operating specifications of the instrument.

Please note that the sensor check function is intended to check that the sensors are connected to the unit, installed in the proper orientation and sufficiently level to operate properly. This function should not be confused with a formal calibration, which requires the sensors be checked against a reference that is traceable to a known standard. Instantel recommends that products be returned to Instantel or an authorized service and calibration facility for annual calibration.

Calibrated By: 

Li Pan

 **Instantel**



CERTIFICATE OF LIABILITY INSURANCE

12/9/2017

DATE (MM/DD/YYYY)

12/13/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000	CONTACT NAME:		
	PHONE (A/C, No. Ext):	FAX (A/C, No):	
INSURED 1431720 LUTTRELL BLASTING ENTERPRISES INC. 26422 W 110TH TER OLATHE KS 66061	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Maxum Indemnity Company		26743
	INSURER B: Auto-Owners Insurance Company		18988
	INSURER C: Riverport Insurance Company		36684
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES**CERTIFICATE NUMBER:** 15103482**REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	N	N	GLP-6027929-02	12/9/2016	12/9/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ XXXXXXXX PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	N	N	5064409700	3/2/2017	3/2/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$ XXXXXXXX
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	N	N	EXC-6027928-02	12/9/2016	12/9/2017	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$ XXXXXXXX
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	KSARP307413	2/6/2017	2/6/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER15103482
CITY OF LEE'S SUMMIT
220 SE GREEN ST.
LEE'S SUMMIT MO 64063**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

December 7, 17

Luttrell Blasting Enterprises, Inc.

26422 W. 110th ter

Olathe Kansas 66061

Contact Info

Erica Beaver

816-808-0959

Erica@LuttrellBlasting.com

Re: Blast Plan for Meridian Apartments @ 11345 View High Dr Lees Summit

Type of Explosives: ANFO and/or Unimax

Weight of Explosives: Will depend on distance from nearest structure or distance to pipeline. When near the pipeline, these values will be used:

Distance to Pipeline	Max. Charge per Delay
0-100'	No Blasting
100'-125'	6#
125'-150'	8#
150'-175'	11#
175'-200'	14#
200'-225'	18#
225'-250'	22#
250'-275'	27#
275'-300'	32#
300'-350'	38#
350'-400'	51#
400'-500'	66#

Method of Detonation: Non-Electric

Delay Period: 25 ms

Drill Pattern: Will Vary Between 3' X 3' & 5' X 5'

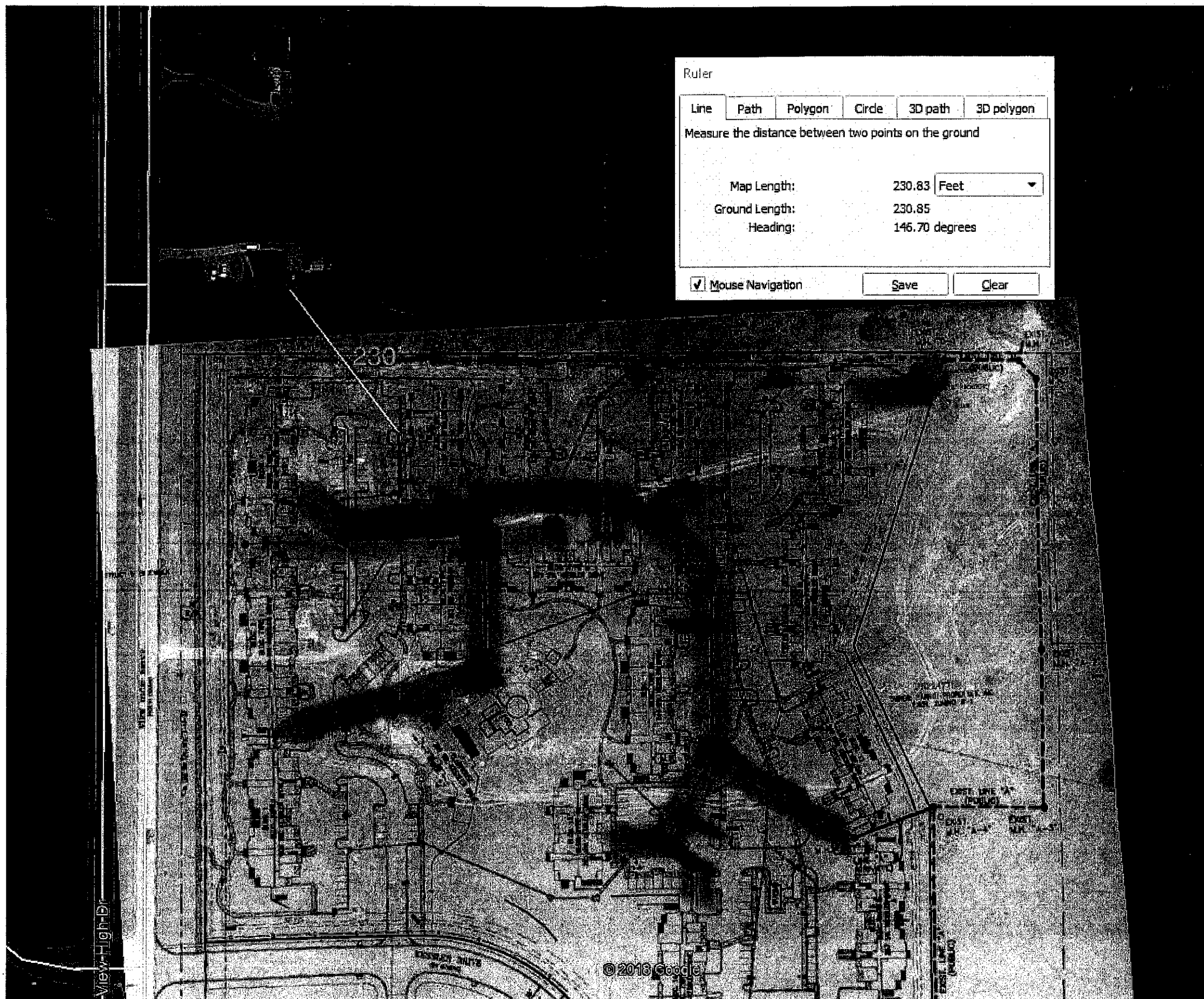
Depth of Holes: Vary Between 6' & 30'

Hole Diameter: 3.5"

Blast Location Map: See Attached

Luttrell Blasting Enterprises, Inc.

Erica Beaver



Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length: 230.83 Feet

Ground Length: 230.85

Heading: 146.70 degrees

☒ Mouse Navigation

Save

Clear

View-High-Dr

VIEW HIGH BLVD

VIEW HIGH BLVD

230

© 2013 Google

EAST LANE "A" (PUBLIC)

EAST LANE "A" (PUBLIC)

EAST LANE "A" (PUBLIC)

EAST LANE "A" (PUBLIC)

EAST LANE "A" (PUBLIC)

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