



BOARD OF ZONING ADJUSTMENT APPLICATION

City of Columbus, Ohio • Department of Building & Zoning Services

757 Carolyn Avenue, Columbus, Ohio 43224 • Phone: 614-645-7433 • www.columbus.gov

OFFICE USE ONLY

Application Number: 14311-9-00573

Date Received: 8/13/14

Commission/Civic: Livingston Avenue

Existing Zoning: M Application Accepted by: LO Reiss

Fee: \$1,900.00

Comments: 10/28/14

TYPE(S) OF ACTION REQUESTED

(Check all that apply)

☐ Variance ☒ Special Permit

Indicate what the proposal is and list applicable code sections.

Special permit for operation of a crematorium, pursuant to Columbus Code Section 3389.04

See attached Exhibit "A".

LOCATION

1. Certified Address Number and Street Name 1297 Memory Lane (Zoning number from City is 1299)

City Columbus State OH Zip 43209

Parcel Number (only one required) 010-006006-00

APPLICANT: (IF DIFFERENT FROM OWNER)

Name Memory Lane Cremation Services, LLC

Address P.O. Box 82429 City/State Columbus, OH Zip 43202

Phone # (614) 262-4534 Fax # _____ Email jaycmoffett@gmail.com

PROPERTY OWNER(S):

Name George Boehm & Katherine M. Boehm

Address 1000 S. Remington Road City/State Columbus, OH Zip 43209

Phone # (614) 237-5262 Fax # _____ Email gkboehm@wideopenwest.com

☐ Check here if listing additional property owners on a separate page.

ATTORNEY / AGENT (CHECK ONE IF APPLICABLE)

☒ Attorney ☐ Agent

Name Brent D. Rosenthal

Address 366 East Broad Street City/State Columbus, OH Zip 43215

Phone # (614) 628-0772 Fax # (614) 221-0216 Email: brosenthal@cpmlaw.com

SIGNATURES (ALL SIGNATURES MUST BE PROVIDED AND SIGNED IN BLUE INK)

APPLICANT SIGNATURE [Signature]

PROPERTY OWNER SIGNATURE _____ Signatures submitted in counterparts.

ATTORNEY / AGENT SIGNATURE _____ See next page.

PLEASE NOTE: Incomplete information will result in the rejection of this submittal.
Applications must be submitted by appointment. Call 614-645-4522 to schedule.
Please make all checks payable to the Columbus City Treasurer

Revised 11/12 tmt



BOARD OF ZONING ADJUSTMENT APPLICATION

City of Columbus, Ohio • Department of Building & Zoning Services

757 Carolyn Avenue, Columbus, Ohio 43224 • Phone: 614-645-7433 • www.columbus.gov

OFFICE USE ONLY

Application Number: _____
Date Received: _____
Commission/Civic: _____
Existing Zoning: _____ Application Accepted by: _____ Fee: _____
Comments: _____

TYPE(S) OF ACTION REQUESTED

(Check all that apply)

☐ Variance ☒ Special Permit

Indicate what the proposal is and list applicable code sections.

Special permit for operation of a crematorium, pursuant to Columbus Code Section 3389.04

See attached Exhibit "A".

LOCATION

1. Certified Address Number and Street Name 1297 Memory Lane (Zoning number from City is 1299)

City Columbus State OH Zip 43209

Parcel Number (only one required) 010-006006-00

APPLICANT: (IF DIFFERENT FROM OWNER)

Name Memory Lane Cremation Services, LLC

Address P.O. Box 82429 City/State Columbus, OH Zip 43202

Phone # (614) 262-4534 Fax # _____ Email jaycmoffett@gmail.com

PROPERTY OWNER(S):

Name George Boehm & Katherine M. Boehm

Address 1000 S. Remington Road City/State Columbus, OH Zip 43209

Phone # (614) 237-5262 Fax # _____ Email gkboehm@wideopenwest.com

☐ Check here if listing additional property owners on a separate page.

ATTORNEY / AGENT (CHECK ONE IF APPLICABLE)

☒ Attorney ☐ Agent

Name Brent D. Rosenthal

Address 366 East Broad Street City/State Columbus, OH Zip 43215

Phone # (614) 628-0772 Fax # (614) 221-0216 Email: brosenthal@cpmlaw.com

SIGNATURES (ALL SIGNATURES MUST BE PROVIDED AND SIGNED IN BLUE INK)

APPLICANT SIGNATURE _____

PROPERTY OWNER SIGNATURE _____

ATTORNEY / AGENT SIGNATURE _____

PLEASE NOTE: Incomplete information will result in the rejection of this submittal.
Applications must be submitted by appointment. Call 614-645-4522 to schedule.
Please make all checks payable to the Columbus City Treasurer

Revised 11/12 tmt



BOARD OF ZONING ADJUSTMENT APPLICATION

City of Columbus, Ohio • Department of Building & Zoning Services

757 Carolyn Avenue, Columbus, Ohio 43224 • Phone: 614-645-7433 • www.columbus.gov

AFFIDAVIT

14311-00573
1297 Memory Ln.

STATE OF OHIO
COUNTY OF FRANKLIN

Being first duly cautioned and sworn (1) NAME Brent D. Rosenthal

of (1) MAILING ADDRESS 366 E. Broad Street, Columbus, OH 43215

deposed and states that (he/she) is the applicant, agent, or duly authorized attorney for same and the following is a list of the name(s) and mailing address(es) of all the owners of record of the property located at **1297 Memory Lane, Columbus, OH 43209**

(2) per ADDRESS CARD FOR PROPERTY

for which the application for a ~~rezone~~ variance, special permit or graphics plan was filed with the Department of Building and Zoning Services, on (3) _____

(THIS LINE TO BE FILLED OUT BY CITY STAFF)

SUBJECT PROPERTY OWNERS NAME

(4) George Boehm and Katherine M. Boehm

AND MAILING ADDRESS

1000 S. Remington Road

Columbus, OH 43209

APPLICANT'S NAME AND PHONE #
(same as listed on front of application)

Memory Lane Cremation Services, LLC

(614) 262-4534

AREA COMMISSION OR CIVIC GROUP
AREA COMMISSION ZONING CHAIR OR
CONTACT PERSON AND ADDRESS

(5) Livingston Avenue Area Commission

Clarence Wicks, Zoning Chair

753 Wilson Avenue, Columbus, OH 43205

(614) 216-2184; cwick42@yahoo.com

and that the following is a list of the names and complete mailing addresses, including zip codes, as shown on the County Auditor's Current Tax List or the County Treasurer's Mailing List, of all the owners of record of property within 125 feet of the exterior boundaries of the property for which the application was filed, and all of the owners of any property within 125 feet of the applicant's or owner's property in the event the applicant or the property owner owns the property contiguous to the subject property:

(6) PROPERTY OWNER(S) NAME (6A) ADDRESS OF PROPERTY (6B) PROPERTY OWNER(S) MAILING ADDRESS
See Attachment hereto

☒ (7) Check here if listing additional property owners on a separate page.

SIGNATURE OF AFFIANT

(8)

Subscribed to me in my presence and before me this 12th day of August, in the year 2014

SIGNATURE OF NOTARY PUBLIC

(8)

My Commission Expires

AMY M. GIBSON
NOTARY PUBLIC
FOR THE
STATE OF OHIO

My Commission Expires

PLEASE NOTE: July 7, 2018 information will result in the rejection of this submittal.

Applications must be submitted by appointment. Call 614-645-4522 to schedule.

Please make all checks payable to the Columbus City Treasurer

Applicant

Memory Lane Cremation Services, LLC
471-G Morrison Road
Gahanna, OH 43230

Property Owner

George & Katherine Boehm
1000 S. Remington Road
Columbus, OH 43209

Attorney

Brent D. Rosenthal
Carlile Patchen & Murphy LLP
366 East Broad Street
Columbus, OH 43215

Area Commission

Livingston Avenue Area Commission
Clarence Wicks, Zoning Chair
753 Wilson Avenue
Columbus, OH 43205

Surrounding Property Owners

City of Columbus
90 W. Broad Street, Room 425
Columbus, OH 43215

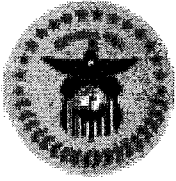
James J. Gibboney
Constr & Rentals Inc.
3462 E. Broad Street
Columbus, OH 43213

GTE Investments Ltd.
1250 Memory Ln
Columbus, OH 43209

Norfolk & Western Railway Co.
c/o Norfolk Southern Railway
CSC Lawyers Incorporating Ser.
50 W. Broad Street, Suite 1800
Columbus, OH 43215

SB Columbus LLC
208 Ash Run
Louisville, KY 40245

14311-00573
1297 Memory Ln.



CITY OF COLUMBUS

DEPARTMENT OF BUILDING AND ZONING SERVICES

14311-00573
1297 Memory Ln.

One Stop Shop Zoning Report Date: Wed Aug 13 2014

General Zoning Inquiries: 614-645-8637

SITE INFORMATION

Address: 1297 MEMORY LN N

Mailing Address: 1000 S REMINGTON RD

COLUMBUS OH 43209

Owner: BOEHM GEORGE & KATHERINE M

Parcel Number: 010006006

ZONING INFORMATION

Zoning: 750, Manufacturing, M

effective 1/20/1958, Height District H-35

Board of Zoning Adjustment (BZA): N/A

Commercial Overlay: N/A

Graphic Commission: N/A

Area Commission: Livingston Area commission

Planning Overlay: N/A

Historic District: N/A

Historic Site: No

Council Variance: N/A

Flood Zone: OUT

Airport Overlay Environs: N/A

PENDING ZONING ACTION

Zoning: N/A

Board of Zoning Adjustment (BZA): N/A

Council Variance: N/A

Graphic Commission: N/A

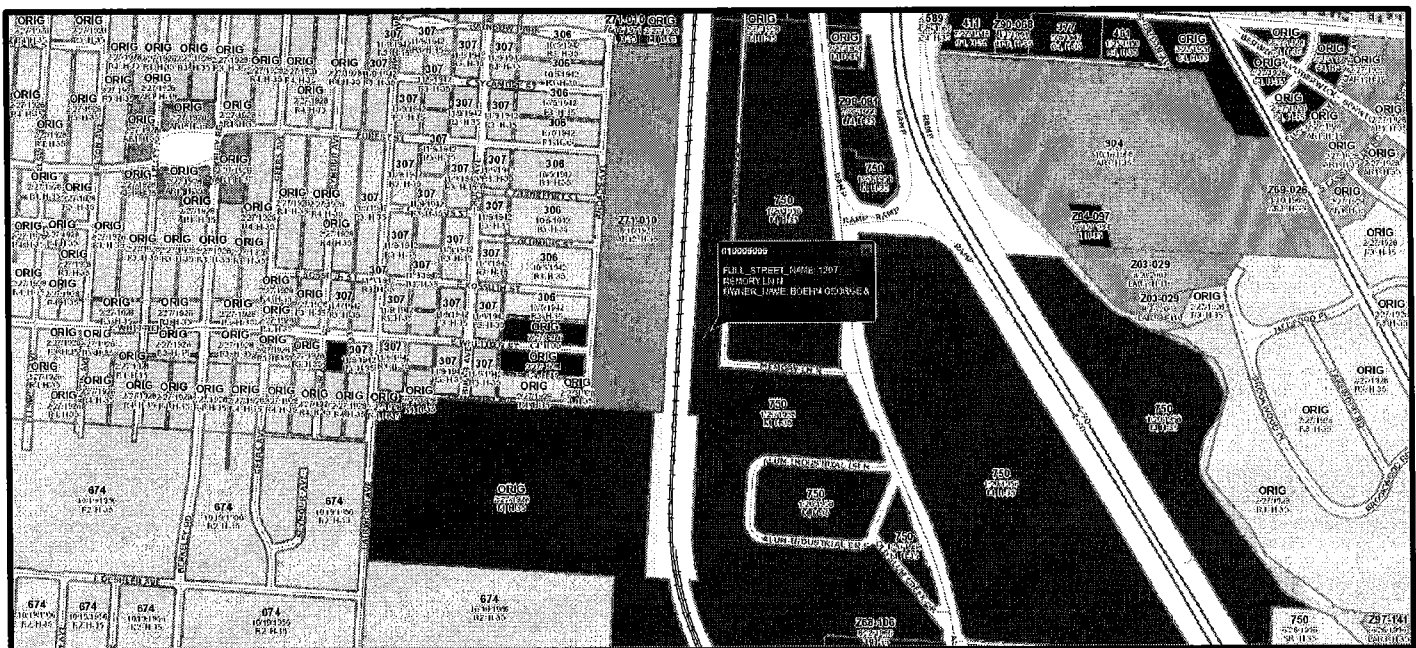


Exhibit A

PROJECT STATEMENT
BOARD OF ZONING ADJUSTMENT REQUEST FOR SPECIAL PERMIT
APPLICATION # _____

Applicant: Memory Lane Cremation Services, LLC
Subject Property Address: 1297 Memory Lane, Columbus, Ohio 43209
Parcel Number: 010- 006006-00

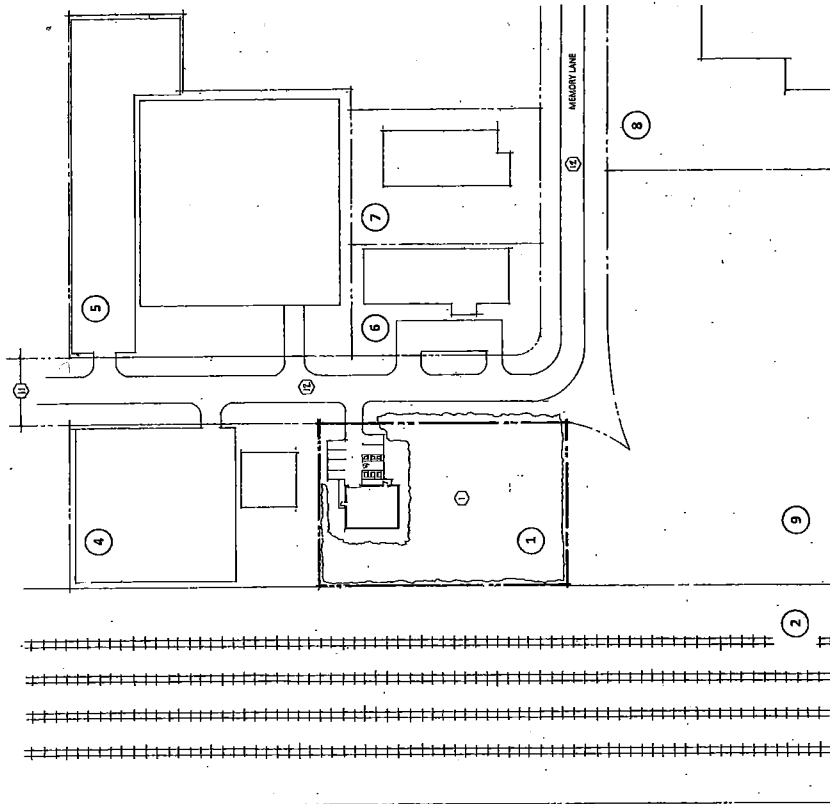
1. Overview. The Applicant seeks to obtain a Special Permit pursuant to Columbus Code Section 3389.04 to permit it to operate a crematorium at 1297 Memory Lane, Columbus, Ohio (the "Property"). Applicant has entered into a purchase contract for the Property, contingent on obtaining zoning approval.
2. Special Permit Sought. Special Permit pursuant to Columbus Code Section 3389.04 to permit operation of a crematorium in property zoned M- Manufacturing.
3. Description of Property. The subject property is zoned M-Manufacturing. It consists of approximately .770 acres of land, upon which is situated an approximately 2,000 square foot, single story building. According to Auditor records, the building was built in 1991, is constructed primarily of brick with shingle roof. The Applicant believes the Property has been used by the original owner as a machine shop since it was built. The property is heavily wooded. To the west of the property is a large railroad easement containing four tracks on a high ridge, which serves as a buffer against residential uses several hundred feet (671.04') to the west.
4. Development Plans. Applicant will modify the interior of the Property and its exhaust systems to install and operate a cremation unit.
5. Factors. The property is in the midst of a large M-Manufacturing zoned neighborhood which has a variety of manufacturing uses, including heavy impact uses such as concrete manufacturing. The crematory unit is high technology with environmentally friendly features designed to control emissions. Modern crematories have very sophisticated emission control systems which minimize particulates, chemicals, odors, and smoke, negating any material impact on neighboring properties. For reference please find attached please find an Engineering Evaluation Test performed in 2010 on a cremation unit similar to the one to be installed by Applicant, which indicates the effectiveness of the emission control features.

In addition to the technological safeguards, the property line is 671.04 feet to the nearest residential development (see attached reprints from City of Columbus One Stop Shop Zoning Map website showing distances to residential of 671.04 feet to the west and 2,929.90 feet to the east). As noted above, residential uses are also buffered by intervening trees and a high and wide railroad right of way. Thus Applicant believes there will be no additional impact on the neighborhood in terms of particulates, noise, smoke, or light as a result of adding the crematory at this location.

Finally, denying the permit would deny Applicant the right to use the Property for a light industrial use when heavy industrial uses are conducted throughout the M-manufacturing zone in which the Property is situated.

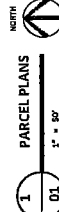
PARCELS:

1. PARCEL 1: 15.0' x 22.5' (15.0' x 22.5')
2. PARCEL 2: 15.0' x 22.5' (15.0' x 22.5')
3. PARCEL 3: 15.0' x 22.5' (15.0' x 22.5')
4. PARCEL 4: 15.0' x 22.5' (15.0' x 22.5')
5. PARCEL 5: 15.0' x 22.5' (15.0' x 22.5')
6. PARCEL 6: 15.0' x 22.5' (15.0' x 22.5')
7. PARCEL 7: 15.0' x 22.5' (15.0' x 22.5')
8. PARCEL 8: 15.0' x 22.5' (15.0' x 22.5')
9. PARCEL 9: 15.0' x 22.5' (15.0' x 22.5')
10. PARCEL 10: 15.0' x 22.5' (15.0' x 22.5')
11. PARCEL 11: 15.0' x 22.5' (15.0' x 22.5')
12. PARCEL 12: 15.0' x 22.5' (15.0' x 22.5')
13. PARCEL 13: 15.0' x 22.5' (15.0' x 22.5')
14. PARCEL 14: 15.0' x 22.5' (15.0' x 22.5')
15. PARCEL 15: 15.0' x 22.5' (15.0' x 22.5')



1 01
1" = 50'

PARCEL PLANS

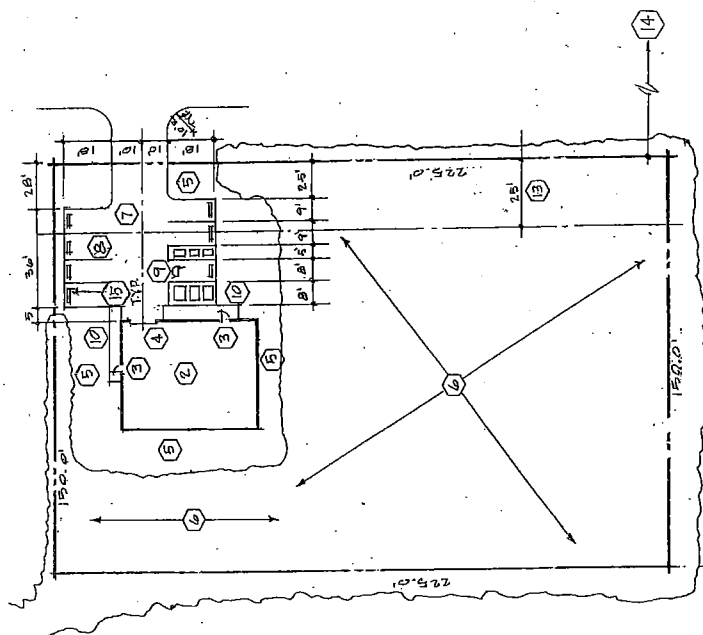


PARCEL PLANS CODED NOTES:

1. SEE ENLARGED SITE DRAWING FOR NOTES.
2. EXISTING BUILDING ENTRANCE DOORS TO REMAIN.
3. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
4. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
5. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
6. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
7. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
8. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
9. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
10. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
11. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
12. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
13. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
14. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
15. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.

GENERAL NOTES:

1. SITE SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
2. EXISTING BUILDING ENTRANCE DOORS TO REMAIN.
3. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
4. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
5. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
6. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
7. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
8. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
9. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
10. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
11. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
12. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
13. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
14. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.
15. EXISTING 10' WIDE X 6' HIGH OVERHEAD DOORS TO REMAIN.

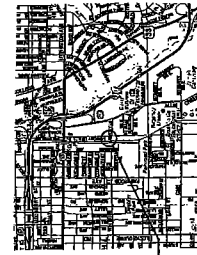


1 02
1" = 20'

PARCEL ID NUMBER 010-006005-00
ENLARGED SITE PLAN



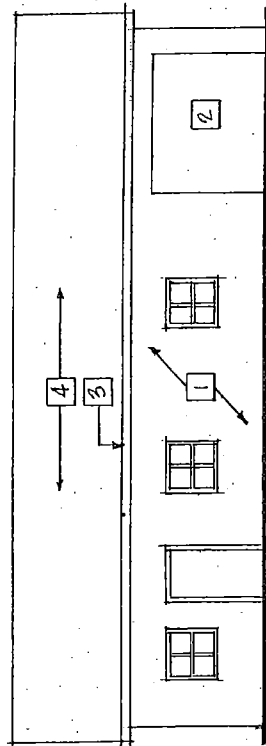
SITE LOCATION MAP



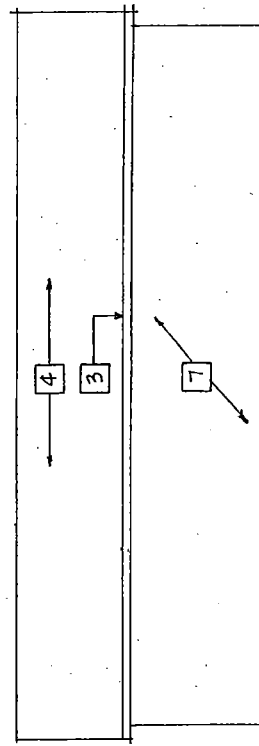
PROJECT SITE
010-006005-00

PROPOSED MEMORY LANE CREMATORY SERVICES

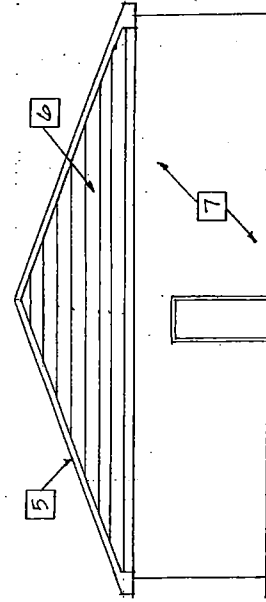
BUYER:	MEMORY LANE HOLDINGS
SELLER:	GEORGE & KATHARINE M. BUEHM
Architect:	N/A Ohio Equities
Drawn:	BWV
Scale:	As Noted
Date:	AUGUST 8, 2014
Revised:	
Sheet Number:	1 of 2



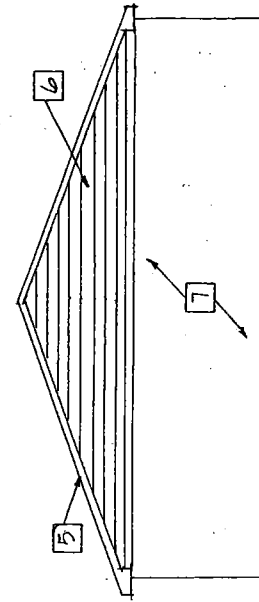
2 FRONT, EAST ELEVATION
01 1/4" = 1'-0"



2 BACK, WEST ELEVATION
03 1/4" = 1'-0"



2 NORTH SIDE ELEVATION
02 3/4" = 1'-0"



2 SOUTH SIDE ELEVATION
04 3/4" = 1'-0"

- ☐ BUILDING ELEVATION CODED NOTES:
- 1 SWP FACE CONCRETE MASONRY UNITS.
 - 2 OVERHANG DOOR.
 - 3 ALUMINUM FASCIA AND GUTTER.
 - 4 FIBERGLASS SHINGLE.
 - 5 ALUMINUM SIDING.
 - 6 ALUMINUM SIDING.
 - 7 PAINTED CONCRETE MASONRY UNITS.



PROPOSED MEMORY LANE CREMATORY SERVICES	
BUYER: MEMORY LANE HOLDINGS	SELLER: GEORGE & KATHARINE M. BOESCH
Architect: MAI OHIO EQUITIES 805 South Front Street Suite 200 Cincinnati, Ohio 45216	
Drawn: BWV	Scale: As Noted
Date: AUGUST 8, 2014	Revision:
Sheet Number 2 of 2	

14311-00573
1297 Memory Ln.

ENGINEERING EVALUATION TEST
PM, NO_x, CO, SO₂, NMHC & HCl
Millennium III, SN: 103

CREMATORY MANUFACTURING AND SERVICES, INC.
Tulsa, Oklahoma
Creek County
January 6, 2010

CETCON

ENGINEERING EVALUATION TEST

PM, NOx, CO, SO2, NMHC & HCl

Reference Methods: 1, 2, 3A, 4, 5, 6C, 7E, 10, 25A & 26A

Millennium III, SN: 103

Crematory Manufacturing and Services, Inc.

Tulsa, Oklahoma

Creek County

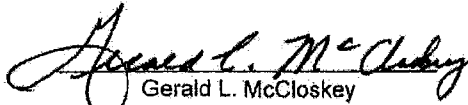
Test Date:

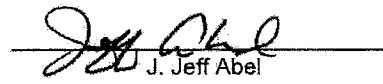
January 6, 2010

Report Date: January 14, 2010

CETCON Job Number: CJ-5858

" We certify that we have personally examined and we are familiar with the information submitted herein, and based on our inquiries of those individuals immediately responsible for obtaining the information, we believe the submitted information is true, accurate, and complete."


Gerald L. McCloskey
Sr. Project Coordinator


J. Jeff Abel
Project Coordinator


Michael T. Hanlon
Environmental Specialist

CETCON

TABLE OF CONTENTS

EXECUTIVE SUMMARY

SUMMARY OF RESULTS

ANALYTICAL PROCEDURES AND SAMPLING METHODS

DESCRIPTION OF TEST

APPENDIX A - UNIT DIAGRAM AND SAMPLE POINT LOCATION

APPENDIX B - PLANT OPERATIONAL DATA

APPENDIX C - FIELD DATA

APPENDIX D - CALIBRATION DATA

APPENDIX E - LAB ANALYSIS

APPENDIX F - EQUATIONS

APPENDIX G - ORIGINAL TEST PROPOSAL

APPENDIX H - RESUMES

APPENDIX I - RAW FIELD DATA

14311-00573
1297 Memory Ln.

CETCON

EXECUTIVE SUMMARY

A series of Engineering Evaluation Tests were performed for Crematory Manufacturing and Services, Inc. on the Millennium III cremator stack, Serial Number 103, located in Tulsa, Oklahoma on January 6, 2010. Testing was performed to document mass emission rates of nitrogen oxides (NO_x), carbon monoxide (CO), sulfur dioxide (SO₂), non-methane hydrocarbons (NMHC), hydrogen chloride (HCl), and particulate matter (PM). A series of three 64-minute test runs (labeled E1, E2, and E3) were conducted. Testing was conducted, according to guidelines and procedures outlined in the Code of Federal Regulations (CFR) Title 40, Part 60, Appendix A, Methods 1, 2, 3A, 4, 5, 6C, 7E, 10, 25A, & 26A, .

The average results were as follows:

Parameter	ppmvd	lb/hr
PM	NA	0.09
HCl	8.23	0.03
NO _x	64.95	0.32
CO	0.02	0.00
SO ₂	8.86	0.06
NMHC	12.04	0.06

Parameter	Concentration Corrected to 7.0% O ₂
CO	0.03 ppmvd
PM	0.02 gr/dscf

A complete breakdown of all test data can be found on the following page of this report titled, "Summary of Results".

CETCON

CETCON, Inc.
SUMMARY OF RESULTS

Unit Designation: CMS, Inc.

Tulsa, Oklahoma

Millennium III SN: 103

PARAMETERS:

	E1	E2	E3
Test No.			
Date	1/6/2010	1/6/2010	1/6/2010
Start Time	1338	1721	1958
End Time:	1457	1837	2113
Test Duration (min.)	64	64	64

OPERATING DATA:

				Average:
Approx. Body weight:	160	130	160	150

FLUE GAS:

	E1	E2	E3	Average
Stack Temperature, °F	1540	1505	1555	1533
O ₂ , % dry	11.27	11.13	12.04	11.48
CO ₂ , % dry	5.97	6.13	5.24	5.78
CO, % dry	0.00	0.00	0.00	0.00
N ₂ , %dry	82.76	82.75	82.71	82.74
% Moisture	9.87	10.38	10.25	10.17
Stack Flow, ACFM	2988	2828	2999	2938
Stack Flow, DSCFM	699	668	694	687
% Isokinetic (1)	95.4	102.7	98.8	99.0

EMISSION DATA:

	E1	E2	E3	Average
Front Half PM, lb/dscf (x10 ⁻⁶)	2.27	2.51	1.96	2.25
Front Half PM, lb/hr	0.10	0.10	0.08	0.09
Front Half PM, gr/dscf @ 7.0% O ₂ (2)	0.02	0.03	0.02	0.02
HCl, ppmvd	8.32	8.21	8.15	8.23
HCl, lb/hr	0.03	0.03	0.03	0.03
NO _x , ppmvd	59.04	60.39	75.42	64.95
NO _x , lb/hr	0.30	0.29	0.37	0.32
CO, ppmvd	0.00	0.07	0.00	0.02
CO, lb/hr	0.00	0.00	0.00	0.00
CO, ppmvd corr. @ 7.0% O ₂	0.00	0.10	0.00	0.03
SO ₂ , ppmvd	9.28	5.47	11.83	8.86
SO ₂ , lb/hr	0.06	0.04	0.08	0.06
NMHC, ppmw	5.14	16.47	NA (3)	10.81
NMHC, ppmvd	5.71	18.38	NA	12.04
NMHC, lb/hr (4)	0.03	0.08	NA	0.06

NOTES:

1. % Isokinetic Must Be 90 ≥ %I ≤ 110 Per RM-5
2. gr/dscf = lb/dscf x 7000 gr/lb
3. NMHC results for Test Run 3 were considered invalid due to a malfunction with CETCON's NMHC analyzer.
4. Non-Methane Hydrocarbons reported as propane equivalent.

DATE 1/26/2010

© 2000 CETCON, Inc. All Rights Reserved

SUMGAS.XLS

SAMPLING METHODS

Pollutants were measured according to EPA Reference Methods (RM's) described in the Code of Federal Regulations (CFR), Title 40, Chapter 1, Part 60, Appendix A. The following methods were used:

- RM-1 Sample and velocity traverses for stationary sources. Determination of measurement site and sample point location.
- RM-2 Determination of stack gas velocity and volumetric flow rate. A calibrated Type S pitot tube is used in conjunction with an inclined manometer to determine average gas velocity and for quantifying gas flow.
- RM-3A Determination of Oxygen (O₂) and Carbon Dioxide (CO₂) concentrations in emissions from stationary sources (Instrumental Analyzer Procedure). Servomex 1400B4 series analyzers are used to continuously measure the concentrations of O₂ and CO₂. O₂ and CO₂ concentrations are determined by paramagnetic and non-dispersive infrared detectors, respectively. The instruments are calibrated with gases prepared according to EPA Protocol One.
- RM-4 Determination of moisture content in stack gases. A gas sample is extracted from the source through an impinger sampling train which condenses the moisture. The volume of the gas sample leaving the impinger train is determined using a calibrated dry gas meter. The impingers are weighed before and after the test run to determine moisture content.
- RM-5 Determination of particulate emissions from stationary sources. Particulate matter is extracted isokinetically from the source and collected in a heated probe and heated glass fiber filter which are maintained at 248 ± 25 °F. An impinger train is used to remove the moisture and condensable particulate matter from the gas sample. Gas sample volume is determined using a calibrated dry gas meter. The mass of particulate matter is determined gravimetrically.
- RM-6C Determination of Sulfur Dioxide (SO₂) emissions from stationary sources (Instrumental Analyzer Procedure). A Bovar (Western Research) Model 721AT2 or 721M ultraviolet photometric analyzer is used to continuously measure the concentration of SO₂. The instrument is calibrated with gases prepared according to EPA Protocol One.

SAMPLING METHODS, continued

- RM-7E Determination of Nitrogen Oxides (NO_x) emissions from stationary sources (Instrumental Analyzer Procedure). A Thermo Environmental Instruments Company Model 10S, 42H or 42C chemiluminescent analyzer is used to continuously measure the concentration of NO_x . The instrument is calibrated with gases prepared according to EPA Protocol One.
- RM-10 Determination of Carbon Monoxide (CO) emissions from stationary sources (Instrumental Analyzer Procedure). A Thermo Environmental Instruments Company Model 48 or 48C gas filter correlation infrared analyzer is used to continuously measure the concentration of CO . The instrument is calibrated with gases prepared according to EPA Protocol One.
- RM-25A Determination of non-methane total gaseous organic concentration using a flame ionization analyzer (FIA). A gas sample is extracted from the source through a heated sample line and heated filter (if necessary). The instruments are calibrated with gases prepared according to EPA Protocol One consisting of Methane (CH_4) or Propane (C_3H_8) in a balance of Nitrogen (N_2) or air. NMHC concentrations are expressed in units of ppm as C_3H_8 or as Carbon.
- RM-26A Determination of Hydrogen Halide (HCl , HBr and HF) and Halogen (Cl_2 and Br_2) emissions from stationary sources - Isokinetic method. A gas sample is extracted isokinetically from the source through a heated glass probe and heated Teflon filter. The Hydrogen halides are absorbed in impingers containing 0.1N sulfuric acid (H_2SO_4). The Halogens, having low solubility in acidic solutions, pass through and are absorbed in impingers containing 0.1N sodium hydroxide (NaOH). Gas sample volume is determined using a calibrated dry gas meter. The collected samples are analyzed by Ion Chromatography. This method being isokinetic is used in place of RM-26 for sources with wet scrubbers where moisture droplets may be present.

DESCRIPTION OF TEST

Personnel from CETCON, (Combustion and Environmental Testing Consultants), arrived at Crematory Manufacturing and Services, Inc. (CMS) in Tulsa, Oklahoma on Tuesday, January 5, 2010 at 4:00 PM. The purpose of the visit was to perform a series of engineering evaluation tests on the Millennium III Cremator Stack for Particulate Matter (PM), Nitrogen Oxide (NO_x), Carbon Monoxide (CO), Sulfur Dioxide (SO₂), Non-Methane Hydrocarbons (NMHC) and Hydrogen Chloride (HCl).

The test trailer, identified as CETCON IV, was parked near the building that housed the cremator. Power was supplied to the trailer and testing equipment from various power receptacles in the area. Water, needed for cooling the particulate probe, was supplied by a standard water faucet located on the outside of the building. The test trailer and reference method analyzers were powered up and checked for proper operation. The remote testing equipment was lifted to the roof and assembled in preparation for testing to take place the following morning. The equipment and trailer were secured for the evening and CETCON departed the facility at approximately 7:00 PM.

CETCON returned to the facility on Wednesday, January 6, 2010 at 8:00 AM. Sample components for RM 5 particulate matter (PM) and HCl were hoisted and assembled on the stack while reference method (RM) analyzers were calibrated. Calibration error, calibration bias, and system response time tests were performed on the RM analyzers. The sample probe was traversed across the stack to obtain preliminary data needed for determining isokinetic sampling. It was discovered that the stack flow was much lower than expected. Maintenance was performed on the cremator's blower (dirty inlet screen) unit to correct air flow issues. Upon completion the first cadaver was inserted into the cremator. The RM sample probe was inserted into the stack and allowed to achieve a stable response. The PM and HCl probe was inserted into the stack and the first test run (labeled E1) was initiated at 1:38 PM. Each of the two sample ports were traversed for 32 minutes for a total test duration of 64 minutes. The PM and HCl train was positioned at each of sixteen sample traverse points for a duration of four minutes per point. Following the test run, a leak test was conducted on the PM and HCl train and a sample system bias test was performed on the RM analyzers to monitor analyzer drift. The PM and HCl samples were recovered while the cremator was prepared for the second cadaver.

The PM and HCl sample train was reassembled and leak checked. There was a delay because the probe was not heating correctly and the heated probe liner had to be replaced to correct the problem. Another leak check was performed and the probe was inserted into the stack. The second test run (labeled E2) was started at 5:21 PM and completed at 6:37 PM. It was identical in procedures to those described above. Again the PM and HCl samples were recovered and stored in the test trailer. Calibration drift tests were performed on the RM analyzers to document analyzer bias and drift. A third test run (labeled E3) was performed starting at 7:58 PM and concluding at 9:13 PM. It was identical in procedure and technique as runs E1 and E2.

As the third test run was initiated it was noticed that the concentration of NMHC exceeded the analyzer span. Further investigation revealed that the analyzer had apparently become contaminated. Due to the limited time of each run and since all of the other RM analyzers and PM samples were in progress it was decided to continue with the third test run. At the

CETCON

DESCRIPTION OF TEST, continued

conclusion of the third test run air was pulled through the sample system to purge contaminants from the NMHC analyzer. Observation of the analyzer operation confirmed some type of contaminate was trapped in the sample column. Due to the contamination, the analyzer failed to meet the post run drift criteria. It was decided that two good NMHC runs would be sufficient data for the demonstration of NMHC emissions from the cremator.

This concluded the testing to be performed. Some of the test equipment was disassembled and lowered to grade, but because of sleet, freezing rain, and slippery conditions on the roof, it was decided to wait until the next day to finish breaking down the remaining equipment. The trailer was secured for the evening and CETCON personnel departed the plant at approximately 11:00 PM.

CETCON returned to the facility on Thursday, January 7, 2010 at 1:30 PM. The remaining testing equipment was secured in the trailer for departure and CETCON personnel left the facility at 3:30 PM.

The following people were present for all or part of the testing at Crematory Manufacturing Services facilities on Wednesday, January 6, 2010.

Shaun Seely	Crematory Manufacturing Services, Inc.
Jerry McCloskey	CETCON, Inc.
Jeff Abel	CETCON, Inc.
Mike Hanlon	CETCON, Inc.

14311-00573
1297 Memory Ln.

CETCON

Search

<< Back

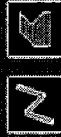
New Search

Clear Map

Create Report

14311-00573
1297 Memory Ln.

Measure



Distance Units:

Feet

Area Units:

Square Feet

Clear Drawing

Length: 671.04 ft

FULL STREET NAME: 1297
MEMORY LN N
OWNER NAME: BOEHM GEORGE &
KATHERINE M

06

MEMORY LN N

RAMP
ALUM GREEK DR

RAMP
RAMP

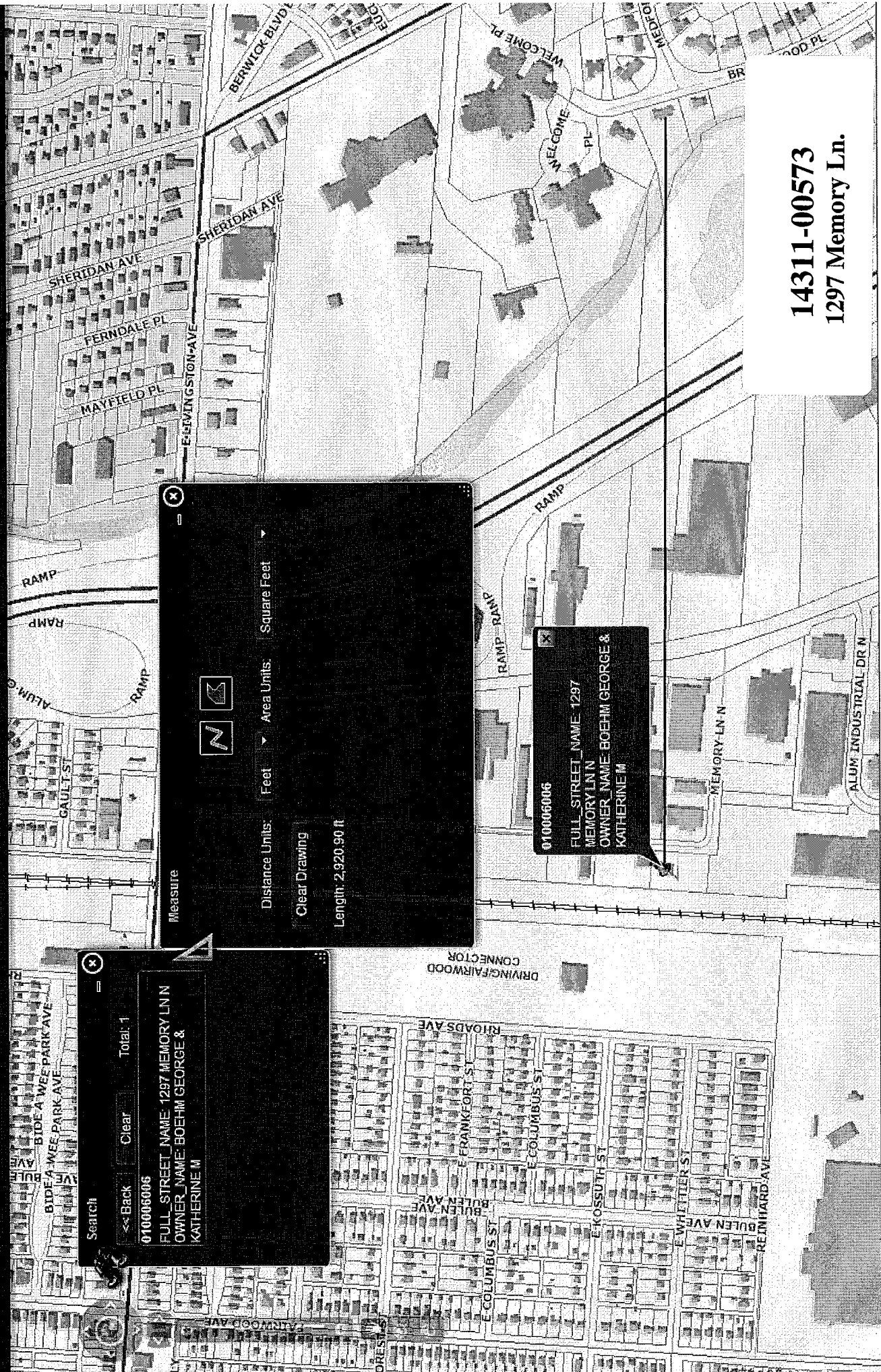
MEMORY LN N

E COLUMBUS ST

0550 M ST

LESTER ST

Columbus One Stop Shop Zoning



Search

<< Back Clear Total: 1

010006006

FULL_STREET_NAME: 1297 MEMORY LN N

OWNER_NAME: BOEHM GEORGE & KATHERINE M

Measure

Distance Units: Feet Area Units: Square Feet

Clear Drawing

Length: 2,920.90 ft

010006006

FULL_STREET_NAME: 1297

MEMORY LN N

OWNER_NAME: BOEHM GEORGE & KATHERINE M

14311-00573

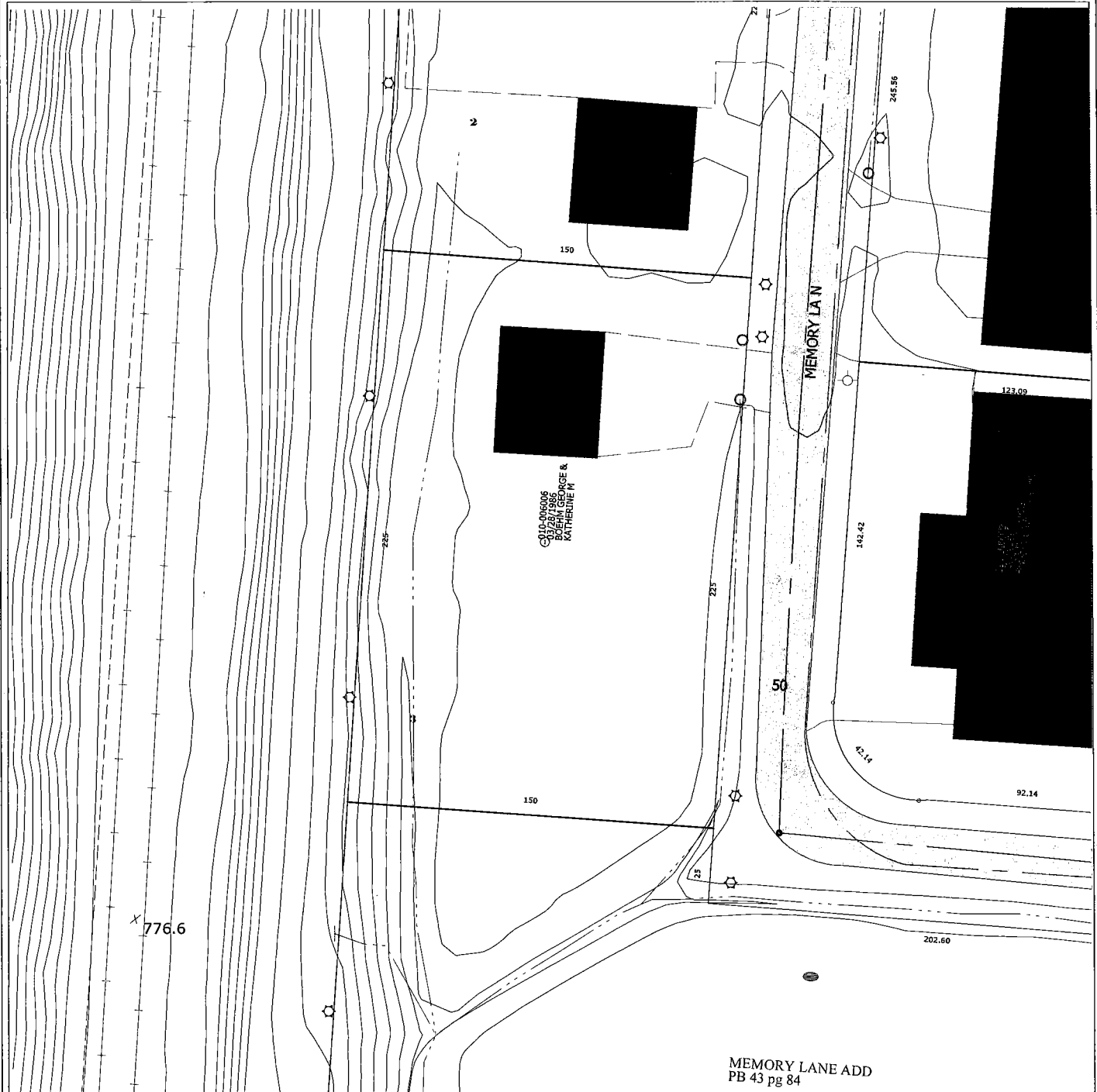
1297 Memory Ln.



CLARENCE E MINGO II FRANKLIN COUNTY AUDITOR

MAP ID: c

DATE: 7/23/14



MEMORY LANE ADD
PB 43 pg 84

Disclaimer

Scale = 60



This map is prepared for the real property inventory within this county, survey plats, and other public records and data. Users of this map are information sources should be consulted for verification of the information. The county and the mapping companies assume no legal responsibilities for. Please notify the Franklin County GIS Division of any discrepancies.

14311-00573
1297 Memory Ln.

Real Estate / GIS Department



City of Columbus Zoning Plat



ZONING NUMBER

The Zoning Number Contained on This Form
is Herein Certified to Obtain Zoning, Rezoning,
and Variances, and is NOT to be Used for
the Securing of Building & Utility Permits

Parcel ID: 010-006006

Zoning Number: 1299

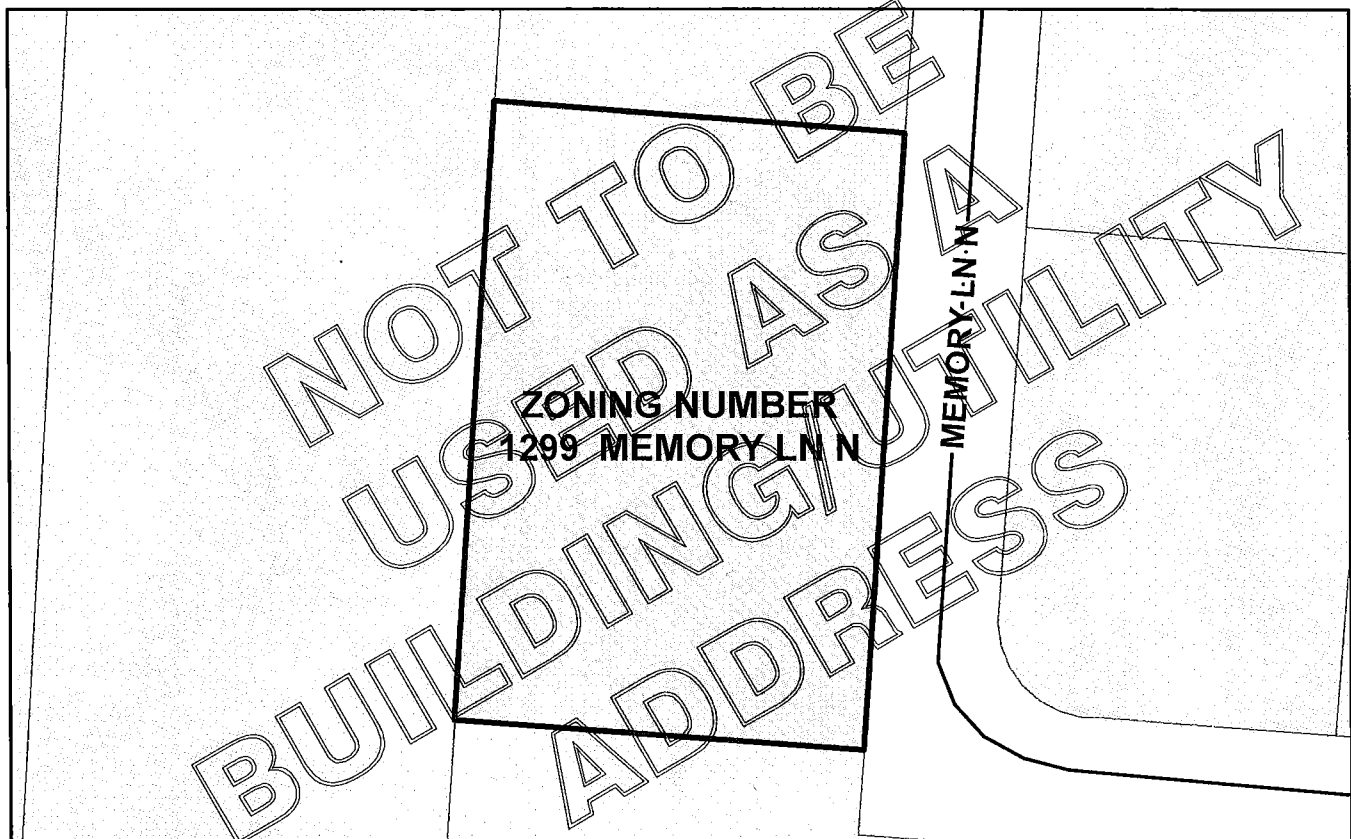
Street Name: MEMORY LN N

Lot Number: 3

Subdivision: MEMORY LANE ADDITION

Requested By: GEORGE & KATHERINE BOEHM (CPMLAW, AMY GIBSON)

Issued By: James R Reagan Date: 7/24/2014



PATRICIA A. AUSTIN, P.E., ADMINISTRATOR
DIVISION OF PLANNING AND OPERATIONS
COLUMBUS, OHIO

SCALE: 1 inch = 70 feet

GIS FILE NUMBER: 21227



BOARD OF ZONING ADJUSTMENT APPLICATION

City of Columbus, Ohio • Department of Building & Zoning Services

757 Carolyn Avenue, Columbus, Ohio 43224 • Phone: 614-645-7433 • www.columbus.gov

PROJECT DISCLOSURE STATEMENT

Parties having a 5% or more interest in the project that is the subject of this application.

THIS PAGE MUST BE FILLED OUT COMPLETELY AND NOTARIZED. Do not indicate 'NONE' in the space provided.

APPLICATION

STATE OF OHIO
COUNTY OF FRANKLIN

14311-00573
1297 Memory Ln.

Being first duly cautioned and sworn (NAME) Brent D. Rosenthal
of (COMPLETE ADDRESS) 366 E. Broad St., Columbus, OH 43215

deposes and states that (he/she) is the ~~XXXXXXXXXXXXXXXXXXXX~~ DULY AUTHORIZED ATTORNEY FOR SAME and the following is a list of all persons, other partnerships, corporations or entities having a 5% or more interest in the project which is the subject of this application and their mailing addresses:

NAME

COMPLETE MAILING ADDRESS

George Boehm and Katherine M. Boehm

1000 S. Remington Rd., Columbus, OH 43209

SIGNATURE OF AFFIANT

Subscribed to me in my presence and before me this

12th

day of

August

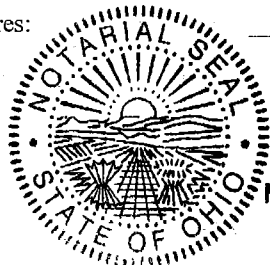
, in the year 2014

SIGNATURE OF NOTARY PUBLIC

My Commission Expires:

July 7, 2018

Notary Seal Here



AMY M. GIBSON
NOTARY PUBLIC
FOR THE
STATE OF OHIO
My Commission Expires
July 7, 2018

PLEASE NOTE: incomplete information will result in the rejection of this submittal.

Applications must be submitted by appointment. Call 614-645-4522 to schedule.

Please make all checks payable to the Columbus City Treasurer