

August 28, 2018

Mr. Alex Ohlson
City Lights, Ltd.
9993 Virginia Avenue
Chicago Ridge, IL 60415

RE: Radiological Survey of Light Base Foundation Installation
Permit No.: DOT993913
Permit Address: 201-291 E. Ontario St., Chicago, Illinois
AECOM Project No. 60522862

Dear Mr. Ohlson:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance on August 17, 2018 for an installation of light base foundations.

Surveying was performed within the excavation and on the spoil removed at 201-291 E. Ontario St. (refer to sketch). The excavation involved removal of concrete and an additional trench excavation of underlying urban fill material. City Lights utilized a vacuum-truck to excavate two areas within the right-of-way, along the south side of E. Ontario St. and approximately 160-feet west of the intersection E. Ontario St. and N. Fairbanks Ct. The excavations were cylindrical in shape with a 2-foot diameter and vacuumed to a depth of 6-feet below ground surface (bgs).

The monitoring did not indicate that the fill soils were above the removal action level established by the U.S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA removal action level for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228). Gamma radiation count measurements for the project were recorded using Ludlum Models 2221 (s/n: 172039) survey meter and an unshielded 2 x 2 inch NaI probe (Model 44-10) with a long probe cable. For the instrument used, the gamma count threshold indicative of the 7.1 pCi/g removal action level is with the long cable 6,456 counts per minute (cpm) shielded. The field instrument background gamma reading collected for soil in the vicinity of the excavation area was 1,680 cpm.

The field gamma measurements within the excavations and of the spoil during the excavation process did not exceed the instrument threshold previously stated and ranged from a minimum of 1,440 cpm to a maximum of 3,560 cpm shielded. Based on field observations there was no indication of the presence of radiologically-contaminated fill and/or an exceedance of the USEPA removal action level of 7.1 pCi/g total radium. A copy of the permit and an annotated drawing documenting the area where work was performed are included as attachments.

As part of the permit conditions, this letter has been forwarded to:

Chicago Department of Public Health
Attention: Mr. Terry Sheahan
333 South State Street, Room 200
Chicago, Illinois 60604

Permit No.: DOT993913

Permit Address: 201-291 E. Ontario St.

Page 2

Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Andrew Kozak
Geologist



Steven C. Kornder, Ph.D.
Senior Project Geochemist

cc: Terry Sheahan, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
Annotated Drawing and Results

PERMIT



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

(STREETERVILLE Right-of-Way)

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Public Health (CDPH) as potentially having environmental contamination on the site and adjacent right-of way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 745-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued if the ground is exposed or excavated. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by CDPH, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the CDPH and the United States Environmental Protection Agency within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Applicant Name (print): Alex Ohlson Signature: Alex Ohlson

Site Address and Work Location (Describe exact site location and attach map): 201 - 291 E Ontario St

Sidewalk & Parkway

Install Conduit & Foundations

Nature of Work:

Company Name, Address, Phone No.: City Lights, Ltd 9993 Virginia Ave Chicago Ridge, IL 60415

General / Prime Contractor Name, Address, Phone No.: Tishman Construction 100 S Wacker Dr Chicago, IL

Include subcontractor information if applicable 60606 312-577-2310

Safety Officer / Phone No.

Radiation Contractor / Phone No. and email address (if applicable) AECOM Steve Kornder 262-515-7700

Check if City Department Work Department Name:

CDOT Permit No.: DOT993913

Today's Date: 8/15/18 Expected Start Date: 8/16/18 CDPH Approval / Date: [Signature] 8-15-18

Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only



WILLIAMS BROS. ARCHITECTS, INC.
1100 N. LA SALLE ST.
CHICAGO, IL 60610
TEL: 312.467.1000
WWW.WBARCHITECTS.COM



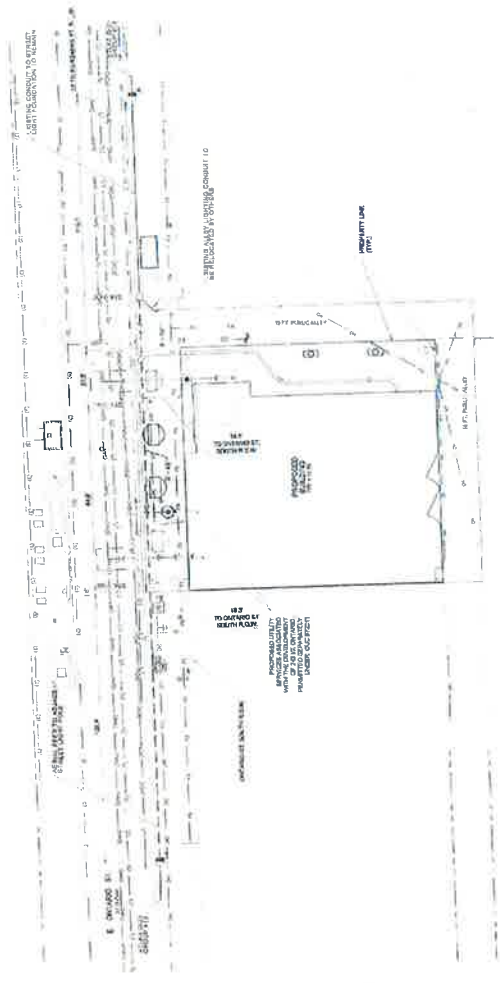
PROJECT NO. 10000000000000000000
DATE: 06/15/10
DRAWN BY: JAW
CHECKED BY: JAW
APPROVED BY: JAW

SEALING INFORMATION - REGISTERED IN THE STATE OF ILLINOIS
JAMES J. WILLIAMS
PROFESSIONAL ENGINEER
NO. 0430
EXPIRES 12/31/11

STREET LIGHTING
FOUNDATION AND
CONDUIT PLAN

NOTES:
1. SEE ALL OTHER DRAWINGS FOR DETAILS.
2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

REVISIONS:
1. REVISED TO SHOW THE LOCATION OF THE LIGHT FIXTURES AND THE FOUNDATION AND CONDUIT PLAN.
2. REVISED TO SHOW THE LOCATION OF THE LIGHT FIXTURES AND THE FOUNDATION AND CONDUIT PLAN.
3. REVISED TO SHOW THE LOCATION OF THE LIGHT FIXTURES AND THE FOUNDATION AND CONDUIT PLAN.

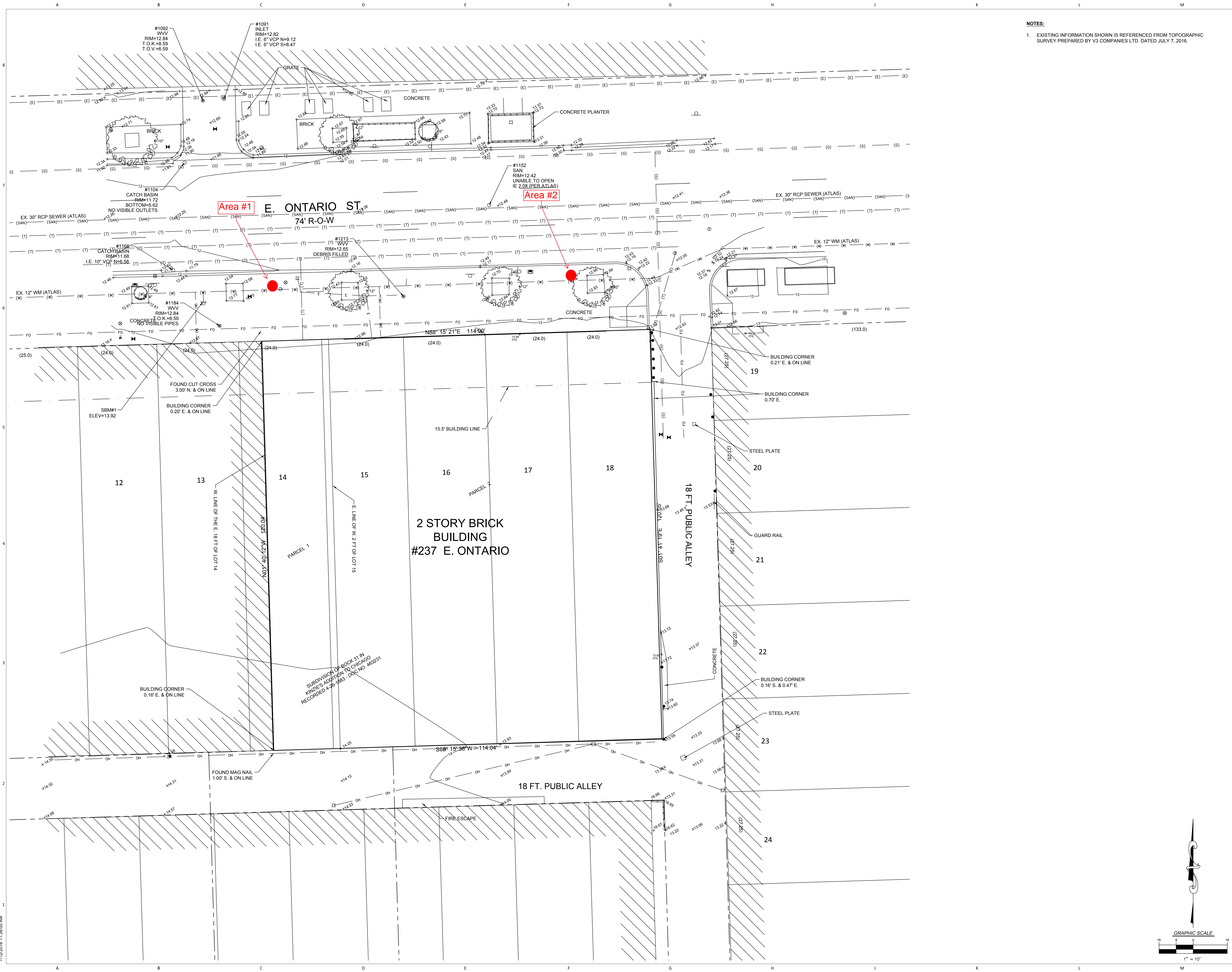


TO BE PERMITTED SEPARATELY

DATE: 06/15/10
PROJECT: STREET LIGHTING - FOUNDATION AND CONDUIT PLAN - AFTER BUILDING
E. ONTARIO STREET
CITY OF CHICAGO
DRAWN BY: JAW
CHECKED BY: JAW
APPROVED BY: JAW
SCALE: AS SHOWN
SHEET NO. 110 OF 110

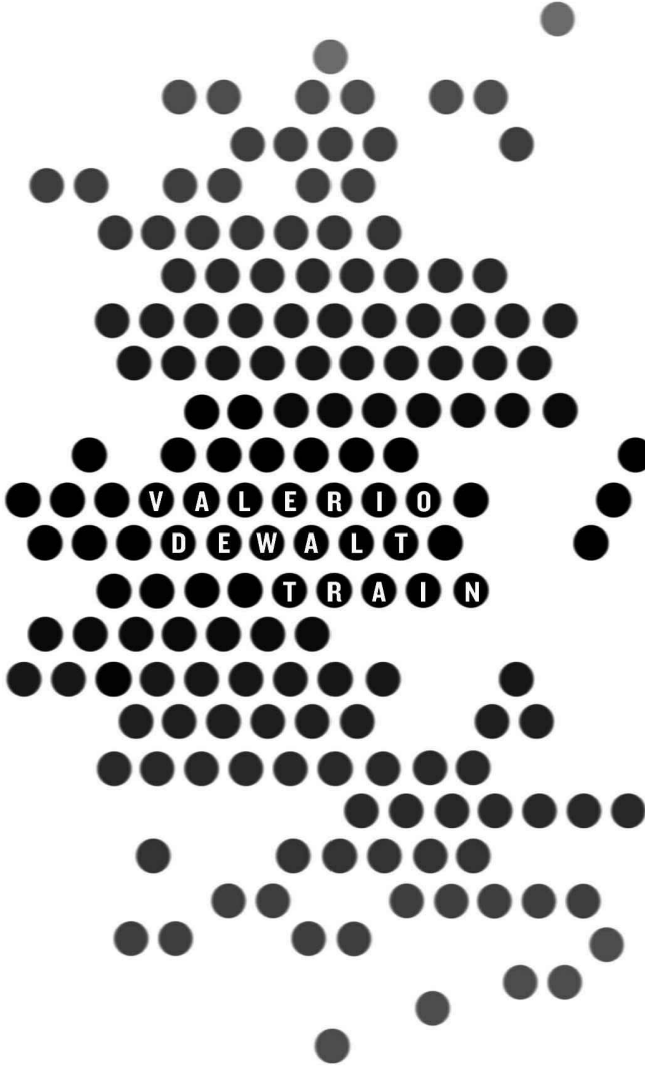


Annotated Drawing and Results



NOTES:
 1. EXISTING INFORMATION SHOWN IS REFERENCED FROM TOPOGRAPHIC SURVEY PREPARED BY V3 COMPANIES LTD. DATED JULY 7, 2016.

PROJECT NAME
ALOFT CHICAGO
MAGNIFICENT
MILE
PROJECT ADDRESS
243 EAST ONTARIO STREET
CHICAGO IL 60611



ARCHITECT
 VALERIO DEWALT TRAIN ASSOCIATES, INC.
 500 N. DEARBORN, 9TH FLOOR
 CHICAGO, ILLINOIS 60654
 312.260.7300
 www.buildordie.com
PROJECT TEAM **ARCHITECT STAMP**
 JOSEPH VALERIO
 DAVID JENNERLAHN
 ROBERT WEBBER
 HAO PHUNG
 MATT GAMACHE
 STEPHEN SHATSWELL

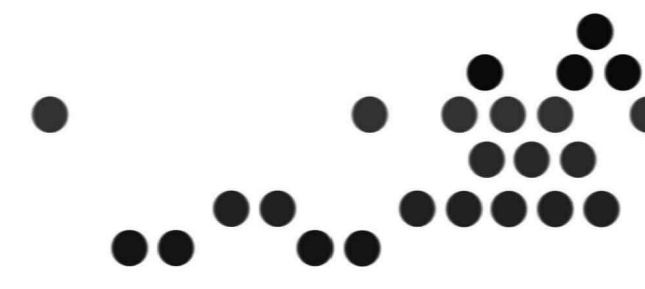
VDTA PROJECT NUMBER
 13057.00
CONSULTANT
 V3 COMPANIES
 7325 JANES AVENUE
 WOODRIDGE, ILLINOIS 60517
 630.724.9200
 www.v3co.com



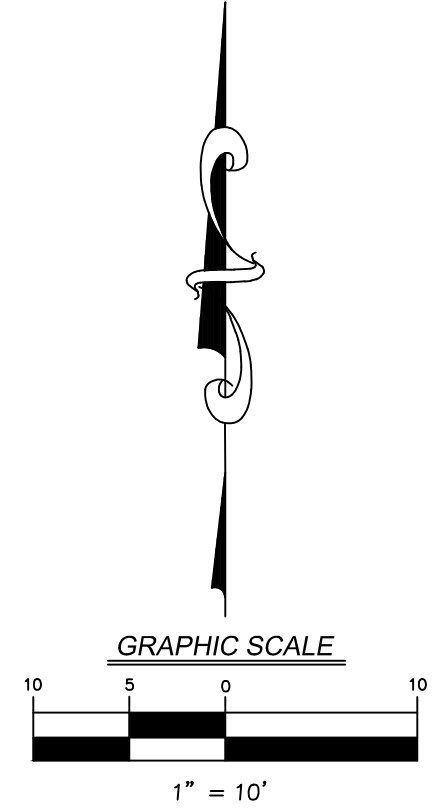
CONSULTANT PROJECT NUMBER
 14213

ISSUE		
NO.	REVISION DESCRIPTION	DATE
1	IN-PROGRESS CHECK SET	06/13/2016
2	IN-PROGRESS CHECK SET	07/08/2016
3	FOUNDATION PERMIT	07/15/2016
4	50% CDS CHECKSET	09/16/2016

© 2016 VALERIO DEWALT TRAIN ASSOCIATES, INC.
SHEET TITLE
EXISTING CONDITIONS
PLAN



SHEET NUMBER
C-100



7/12/2016 11:38:00 AM

Survey Results
City Lights
201-291 E. Ontario St.
DOT993913

Survey Equipment

Ludlum 2221 S/N:	172039
Probe 2x2 NaI S/N:	PR174406
shielded:	6,456 cpm long cable
background:	1680 cpm
Personnel:	D. Kunkel
Date of Screening:	8/17/2018

Survey Results

Section	Depth (inches)	Readings (CPM)
1	0	1620-1890
	18	1440-1610
	36	1490-1880
	54	2000-2590
	72	2100-2650
2	0	1910-2260
	18	2940-3560
	36	2540-3050
	54	2490-2975
	72	2890-3450