



AECOM
303 E. Wacker Drive, Suite 900
Chicago, Illinois 60601

312-938-0300 tel
312-938-1109 fax

July 16, 2012

Ms. Michele Pisterzi
AT&T Illinois
2427 Union Street
Blue Island, Illinois 60406

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 267886831
Permit Address: 136-140 E. Ontario St.
AECOM Project No. 60163572

Dear Ms. Pisterzi:

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 monitoring between the days of July 13 and July 16, 2012 for a trench excavation to install a telephone communications service package.

Surveying was conducted in 18-inch lifts for soils removed from an approximately 3-foot wide by 16-foot long trench excavation to a depth of 48-inches in the Right of Way (see sketch), required for the installation of a telephone communications service package. The monitoring revealed no indication of soils above the specified clean-up threshold established by the U.S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA threshold 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 made using a Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). For the instrument used, the gamma count indicative of the 7.1 pCi/g threshold was 19,969 counts per minute (cpm) unshielded (7,127 cpm shielded). The field gamma background for the area was measured at approximately 6,100 cpm unshielded. The field gamma measurements within the excavation and the spoil materials generated during the excavation process did not exceed the respective threshold values previously stated and ranged from a minimum of 8,000 cpm to a maximum of 12,400 cpm unshielded. Thus, there was no indication of the presence of radiologically-contaminated material and/or an exceedance of the USEPA cleanup threshold of 7.1 pCi/g total radium.

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

Chicago Department of Public Health
Attn: Ms. Rahmat Begum
333 South State Street, Rm. 200
Chicago, Illinois 60604

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

Regards,

Brian R. Schmidt
Project Scientist II

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

cc: Rahmat Begum, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
Sketch



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.ROW.03

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 33 N. LaSalle St., Suite LL-120, Chicago, Illinois 60602 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 744-3152 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): Michele Pisterzi Signature: Michele Pisterzi

Site Address and Work Location (Describe exact site location and attach map): Rear 136-140 E Ontario St

Dig (1) 8'x4'x4' opening in the Alley

Nature of Work: Dig to place Conduit

Company Name, Address, Phone No.: AT+T 2427 Union Blue Island IL 708-824-2817

General / Prime Contractor Name, Address, Phone No.: Quaico PO Box 1840 Evanston IL 60204
Include subcontractor information if applicable

Safety Officer / Phone No. Same as Above 773 542 1530

Radiation Contractor / Phone No. (if applicable) Josh Rowe / Steve Kornder @ Aecom 847-279-2448

Check if City Department Work Department Name: _____

CDOT Permit No.: 267 886 831

Today's Date: 6/27/2012 Expected Start Date: ASAP CDPH Approval / Date: _____

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

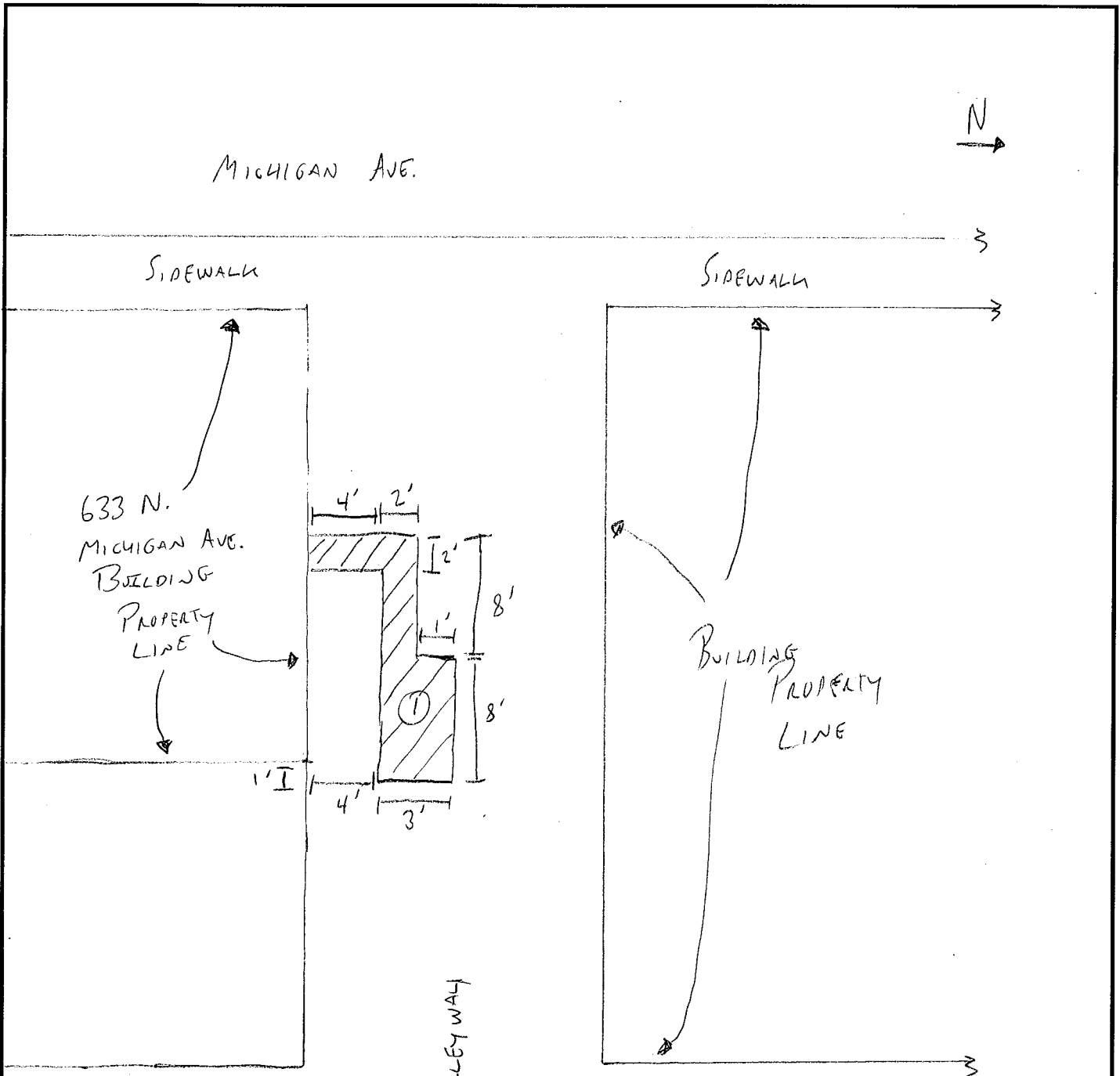
AT+T

AECOM

JOB TITLE 136-140 E. ONTARIO ST. ROW RAD SCREENING

JOB NO. _____ CALCULATION NO. _____ ORIGINATOR BRIAN SCUMIOT DATE 7/13 + 16/2012

SHEET 1 OF 1 REVIEWER BRIAN SCUMIOT DATE 7/16/2012



① - EXCAVATION
 0-6" ASPHALT + CONCRETE DEPTH = 48" bgs

DEPTH	CPM
6"-24"	8,000
24"-42"	11,700
42"-60"	12,400
48"-66"	10,900