



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

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

October 4, 2013

Mr. Kurt Pflederer
Clarence Davids & Company
23900 W. 127th St.
Plainfield, IL 60585

RE: Radiological Survey of Right-of-Way Tree Planter Excavation
Permit No.: 365890536
Permit Address: 400-440 North McClurg Court
AECOM Project No. 60303289

Dear Mr. Pflederer:

Pursuant to conditions specified in a permit (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 July 11 and 12, 2013 for an excavation to install 11 tree planters in the eastern sidewalk on N. New Street between E. North Water and E Illinois Streets. This work was being performed for the CityView development located at 440 N. McClurg Court.

Surveying was performed for the excavations and soil removed from eight 4-foot by 6-foot pit excavations within the sidewalk on the east side of New Street (see annotated drawing) to a depth of 32-inches below the surface of the sidewalk, required for installation of tree planters. Originally, 11 tree planter locations were planned to be excavated, but a 12-inch reinforced concrete sub-slab directly beneath the sidewalk in 3 locations (see annotated drawing) prevented the landscaping contractor from excavating down to the required 32-inch depth. This reinforced slab spans a portion of the former Ogden Slip that was backfilled in the mid-1980s. It was the recommendation of the City of Chicago Department of Transportation (CDOT) that the reinforced concrete slab not be breached to install the 3 remaining tree pits.

The radiological monitoring revealed no indication of soils above the specified cleanup threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA cleanup value 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 Ludlum Model 2221 survey meter and an unshielded 2 x 2 inch sodium iodide (NaI) probe Model 44-10. For the instrument used, the gamma count threshold indicative of the USEPA 7.1 pCi/g cleanup value was 17,920 counts per minute (cpm) unshielded (6,425 cpm shielded). Thus, gamma readings above 17,920 cpm would be considered a potential indication of the presence of radiologically contaminated fill soil.

The field instrumentation gamma background for the area was measured at approximately 7,300 cpm unshielded. Field gamma measurements greater than twice the background, if observed, represent potential anomalous results that require more cautious and frequent field screening. For this project, no gamma readings greater than twice background were observed.

The field gamma measurements within the excavations and of the spoil materials generated during the excavation process did not exceed the instrument threshold value previously stated and ranged from a minimum of 7,100 cpm to a maximum of 10,600 cpm unshielded. Thus, there was no indication of the

Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 365890536
Page 2

presence of radiologically-contaminated material and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

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

Chicago Department of Public Health
Attention: Ms. Rahmat Begum
333 South State Street, Room 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
Drawings

Permit # 365890536



Received Date: Jun 7, 2013 1:23:18

CLARENCE DAVIDS & COMPANY
22901 S. RIDGLAND AV.
MATTESON, IL 60443

City of Chicago
Department of Transportation
(312) 744-4652

BARBARA 708-720-4100

ACTIVITY HOURS
See **RESTRICTIONS** for permitted hours
DATES
Jun 7, 2013 through Jul 7, 2013

ACTIVITIES

Parkway Opening: **Dig #: TBD**
5 Feet x 5 Feet x 5 Feet
Purpose: TREE INSTALL No. of Openings: 11
Excavation may commence on - NO SOONER.
440 - 440 N MCCLURG CT

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in you being considered in violation of the terms and agreement of the permit and subject to any applicable fine and fees as if you never attained a permit. Additionally, you will still be responsible for the cost of the original permit. Monthly billing accounts are not applicable to the 24 hour payment criteria but failure to pay the monthly bill by the due date will result in the same penalties applying.
3. All directional boring must be pre-approved by the Office of Underground Coordination.

Permit # 365890536

AMENDED



Received Date: Jun 7, 2013 1:23:18

CLARENCE DAVIDS & COMPANY
22901 S. RIDGLAND AV.
MATTESON, IL 60443

City of Chicago
Department of Transportation
(312) 744-4652

BARBARA 708-720-4100

ACTIVITY HOURS

See RESTRICTIONS for permitted hours

DATES

Jul 8, 2013 through Aug 8, 2013

ACTIVITIES

Parkway Opening:

Dig #: 368324263

5 Feet x 5 Feet x 5 Feet

Purpose: TREE INSTALL No. of Openings: 11

Excavation may commence on JUL 8, 2013 - NO SOONER.

440 N MCCLURG CT

APPROVAL FROM DEPT OF ENVIRONMENT BY R. BEGUM, 6/7/13

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in you being considered in violation of the terms and agreement of the permit and subject to any applicable fine and fees as if you never attained a permit. Additionally, you will still be responsible for the cost of the original permit. Monthly billing accounts are not applicable to the 24 hour payment criteria but failure to pay the monthly bill by the due date will result in the same penalties applying.
3. All directional boring must be pre-approved by the Office of Underground Coordination.

CLARENCE DAVIDS & COMPANY

Permit # 365890536

Counter

Page #: 1

5213867176

Restrictions:

4. Contractor must secure plating over all openings in the roadway and secure all sidewalk/parkway openings during non-working hours until such time when the road surface is restored.
5. Contractor must notify DIGGER at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 14 calendar days in advance of the start of the excavation or demolition, unless the excavation date was provided with the application and remains unchanged. Prior to 26 calendar days the Contractor must notify DIGGER to renew the dig date!
6. It is the Excavator's responsibility to request refreshing of marks when needed, but no longer than 28 calendar days after the last requested date.
7. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling DIGGER. White paint is not required for joint meets or emergency work.
8. Excavators requesting dig tickets are responsible for the protection of utility markings at the job site. Any markings of underground utilities utilizing utility colors, must be done by facility owners or authorized agents only.
9. Parkway excavation by hand, cut and replace sod wherever possible.
10. No work in or use of the public right of way is to be done when a special event is taking place. It is up to the applicant to determine if an event is scheduled. To obtain a listing of programs or events within the City of Chicago please dial 311 when you are within the City boundaries.
11. It is the responsibility of the applicant to fund Traffic Control Aides if the City deems it necessary due to heavy congestion situations.
12. Pursuit to City Ordinances 10-20-150 and 10-28-281.3 a re-inspection fee of \$100 may be assessed for each inspection conducted after the initial inspection.

Parkway Opening

06-07-2013 - Fee for Activity

CBD:	Y	Cost Per EA:	\$ 205.00	CAPS:	300-84-2135-256
Tiered:	N	# Of EA:	11.00	Late charge:	\$.00
Mora:	N			Amount:	\$ 2,255.00

Total Fees: \$ 2,255.00

CLARENCE DAVIDS & COMPANY

Permit # 365890536

Counter

Page #: 1

5213849196

Grand Total Fees: \$ 2,255.00

Affected CUAN Sites: 7, 15, 21, 22, 24, 28, 29, 31, 34, 38, 53, 61, 68, 70, 141, 147

EFFECTIVE DATES OF PERMIT

Current: Jul 08, 2013 through Aug 08, 2013 (Input date: Jul 03, 2013 3:16:37 p.m.)
Previous: Jun 07, 2013 through Aug 08, 2013 (Input date: Jul 03, 2013 3:16:05 p.m.)
Previous: Jun 07, 2013 through Jul 07, 2013 (Input date: Jun 07, 2013 1:23:18 p.m.)

END OF PERMIT

CLARENCE DAVIDS & COMPANY

Permit # 365890536

Counter

Page #: 3

5213869196

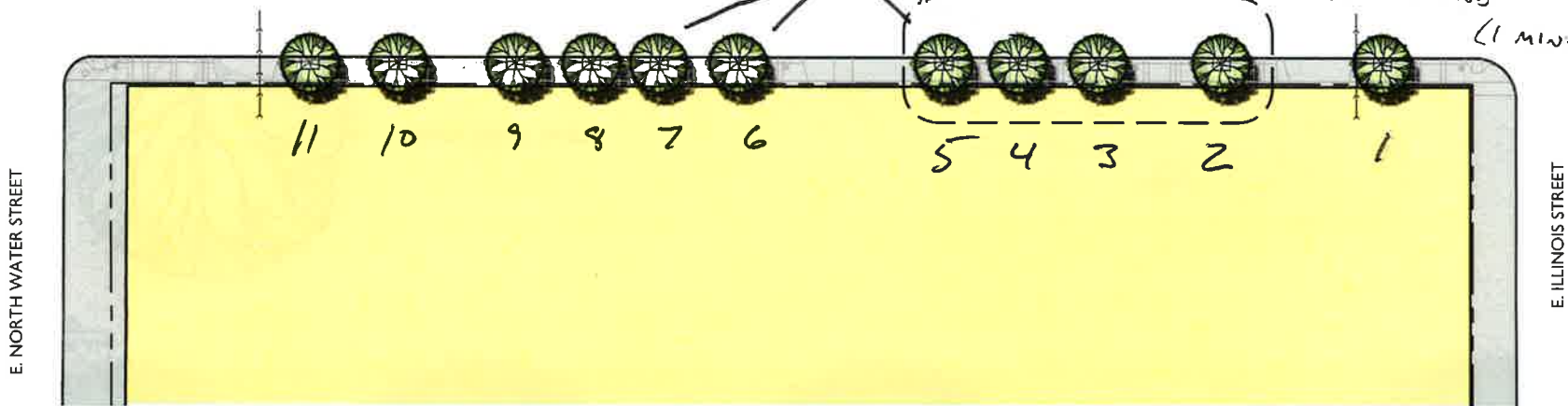
AECOM
 CITY VIEW TREE PLANTER ROW EXCAVATION
 PERMIT ADDRESS - 400-440 N. MCCUNE CT
 EACH TREE PIT
 MEASURES 4' x 6' x 32"

SURVEYED W/ A
 LUDUM-2221 W/
 2x2 NAI PROBE
 (UNSHIELDED)
 LUDUM CUT-OFF VALUE =
 17,920 CPM (UNSHIELDED)

Nos. 5, 6 & 7
 not completed
 due to structural slab

SEE ENLARGED PLAN
 FOR DETAILS

BACKGROUND = 7300 CPM
 (1 MINUTE COUNT)



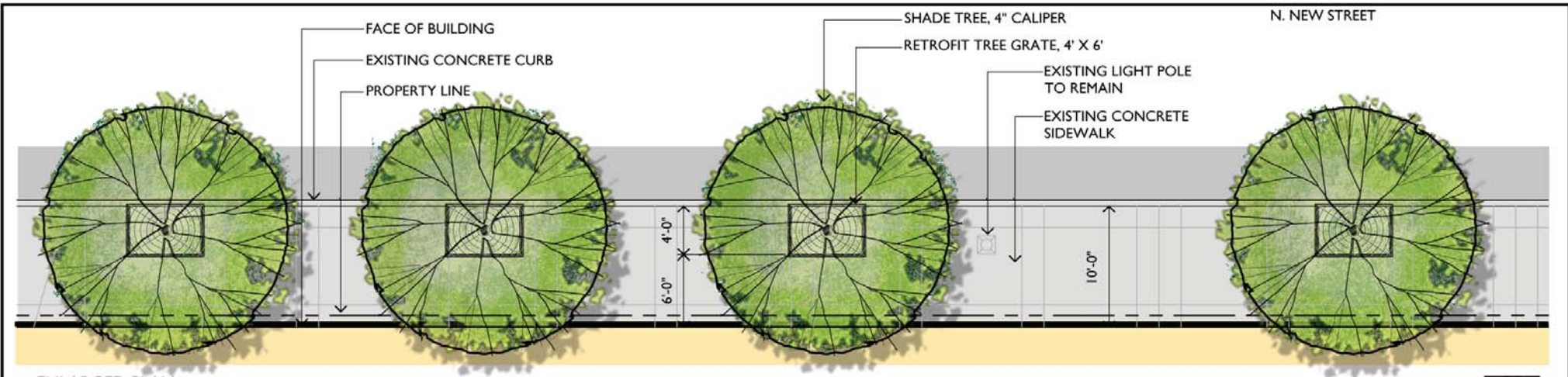
DEPTH	CPM	③	④	⑧	⑨	⑩	⑪
0-6"	CONCRETE	0-6"	CONCRETE	0-6"	CONCRETE	0-6"	CONCRETE
6-24"	7600	6-24"	7400	6-24"	8100	6-24"	7500
24-42"	8100	24-42"	7300	24-42"	8100	24-42"	7100
32-50"	8300	32-50"	10600	32-50"	9800	32-50"	8300

OPTION A - TREE GRATES

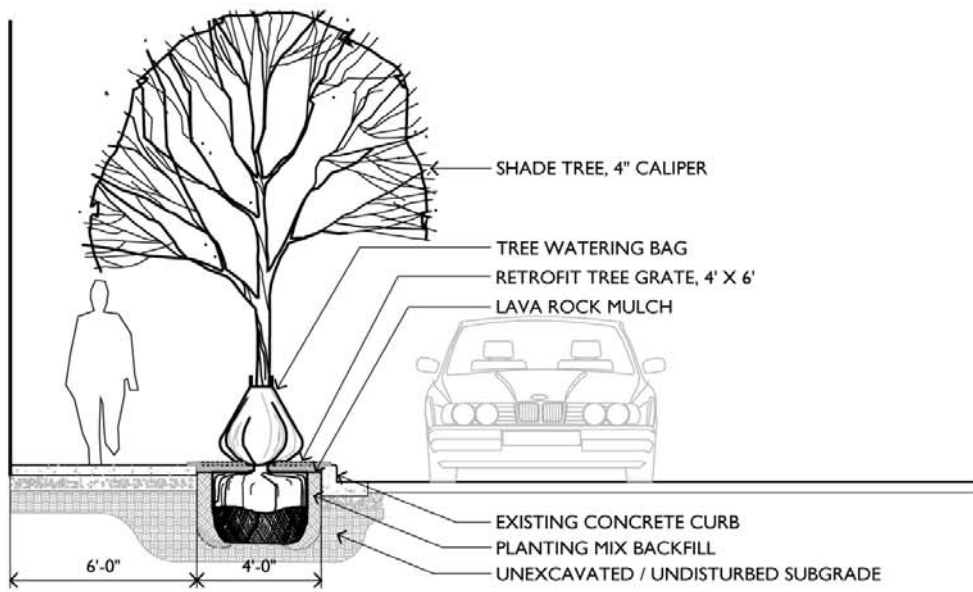
CITY VIEW CONDOMINIUMS, NEW STREET STREETScape

SCALE: 1" = 40'-0"

JUNE 25, 2012



ENLARGED PLAN
SCALE: 1/8" = 1'-0"



SECTION
SCALE: 1/4" = 1'-0"

OPTION A - TREE GRATES

CITY VIEW CONDOMINIUMS, NEW STREET STREETSCAPE