



November 25, 2013

ADDENDUM NO. ONE

PROJECT TITLE: City Hall Green Pervious Parking Lot

PROJECT NO.: 11056

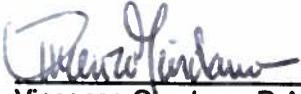
Invitation to Bid No. CO3550

Instruction to Bidders:

1. **MODIFY** the Contract Documents and/or Drawings as set forth in the attached Letter/Addendum #1, from Barton and Loguidice, P.C.
2. In Contract Documents, replace Page P-4, with the attached Revised P-4 page.
3. **SIGN** this Addendum below acknowledging receipt and understanding, **INSERT** it in the bidding document, and **RETURN** it with your bid.

Date, time, and place of bid opening remain unchanged.

CITY OF ROCHESTER



 Vincenzo Giordano, R.A.
 Managing Architect

CITY OF ROCHESTER



 Charles Zetek, Jr.
 Purchasing Agent

The undersigned bidder acknowledges receipt and understanding of ADDENDUM NO. 1.

Date _____, 2013

Name of Company

Authorized Signature



PROPOSAL SHEET

The undersigned proposes to complete:

PROJECT TITLE: City Hall Green Pervious Parking Lot
PROJECT NUMBER: 11056

in accordance with the *City of Rochester Standard Construction Contract Documents, November 1, 1991 Edition* and the Contract Manual for this Project for the LUMP SUM of:

TOTAL AMOUNT OF PROPOSAL:

	<u>WRITTEN</u>	<u>FIGURES</u>
BASE BID		
Alternate No. 1 – Tank Removal		
Underground Wiring Allowance \$10,000.		
Unit Price for Underground Conduit and Wiring Cost. Per / Linear Foot.		

I, the undersigned Bidder, acknowledge and accept that this Contract contains MWBE Requirements in the amounts specified in these Contract Documents. In particular I, the undersigned Bidder, affirm that I have read and understand the "Prime Contractor Statement" which is contained in the Contract Documents. Further, I, the undersigned Bidder, affirm that the statements contained in the "Prime Contractor Statement" are true and accurate. **I, the undersigned Bidder, acknowledge and accept that this Contract contains new requirements for NY State Wicks Law.**

I, the undersigned Bidder, acknowledge and accept that this Contract contains new MWBE Form P, Pages 1 and 2, which must be submitted with the bid.

NAME: _____
 (LEGAL NAME OF PERSON, FIRM OR CORPORATION)
 (Please Print)

SIGNED BY: _____

PRINT NAME: _____

TITLE: _____

WITNESSED BY: _____
 CORPORATE SEAL

P. O. ADDRESS OF BIDDER: (Please Print)

 _____ STREET
 _____ CITY, STATE, AND ZIP CODE
 _____ TELEPHONE NUMBER
 _____ FAX NUMBER

 _____ PROJECT MANAGER
 _____ E-MAIL ADDRESS

November 15, 2013

City of Rochester
414 Andrews Street
Rochester, NY 14604

Subj: Response to Pre-bid Questions

Re: City Hall Green Pervious Parking Lot

File: 981.006

Dear Mr. Terrell:

This letter serves as a response to the questions raised at the pre-bid meeting on November 13, 2013 at 10AM for the above referenced project. These responses and any supporting material should be included in the Addendum to be issued by the City.

Question 1) Will there be asphalt and fuel price adjustment items?

Response: This is a lump sum contract. As such, fuel and asphalt price adjustments will not be included as separate line items. The bidder should account for variations in fuel and asphalt prices in the base bid.

Question 2) Is pavement and soil boring information available?

Response: Yes, three pavement cores and soil borings were progressed for the project. The subsurface investigation report is attached to this letter, and can be provided to bidders as supplemental information.

Question 3) Are there any hazardous materials expected with the tank removal?

Response: The removal of two decommissioned steam tanks is included as Alternate No. 1. It is not expected that hazardous materials will be encountered. If hazardous materials are encountered, remediation of the hazardous materials will be the responsibility of the City.

Question 4) Does the City have any information on the lighting conduit and wire that is to be replaced?

Response: The City does not have information on the lighting conduit, wire or power source at this time. For purpose of the bid the City will set up an Allowance for the conduit and wire of \$10,000. The bidder shall assume replacement will be with the following items and quantities:





Page 2

Item 670.2002 – Galvanized Steel Conduit, 1”
Item 670.7006 – Single Conductor Cable, 10 Gage
Item 670.75070011 – Ground Wire, 10 Gage

400 linear feet
1200 linear feet
400 linear feet

Sincerely,

BARTON & LOGUIDICE, P.C.

A handwritten signature in black ink that reads "Jonathan M. Walczak". The signature is written in a cursive style.

Jonathan M. Walczak, P.E.
Project Engineer

Encl.: Subsurface Investigation Report

cc: Luke Morenus, B&L



**Contract
Drilling
and
Testing**

**CORPORATE/
BUFFALO OFFICE**

5167 South Park Avenue
Hamburg, NY 14075
Phone: (716) 549-8110
Fax: (716) 549-8161

ALBANY OFFICE

PO Box 2199
Bardonia, NY 12027

14000 Route 130
Mechanicville, NY 12111
Phone: (518) 839-7207
Fax: (518) 839-7196

CORTLAND OFFICE

411 1/2 8th Street
Cortland, NY 13844
Phone: (607) 758-1161
Fax: (607) 758-1161

ROCHESTER OFFICE

535 Summit Point Drive
Henrietta, NY 14467
Phone: (585) 359-2730
Fax: (585) 359-9000

**SUBSURFACE INVESTIGATION REPORT
CITY HALL GREEN PERVIOUS PARKING LOT
30 CHURCH STREET
ROCHESTER, NEW YORK**

Prepared For:

**Barton & loguidice
290 Elmwood Davis Road
Box 3107
Syracuse, New York 13220**

Prepared By:

**SJB Services, Inc.
535 Summit Point Drive
Henrietta, NY 14467**

**SJB # RD -12-024
November 28, 2012**

**SUBSURFACE INVESTIGATION REPORT
CITY HALL GREEN PERVIOUS PARKING LOT
30 CHURCH STREET
ROCHESTER, NEW YORK**

INTRODUCTION

SJB Services, Inc. (SJB) is pleased to present this summary of our subsurface investigation of the parking lot at City Hall, 30 Church Street , in the City of Rochester, New York. The purpose of the subsurface investigation was to evaluate the soil beneath the existing asphalt pavement.

The test borings, infiltration tests and pavement cores were requested and authorized by Mr. Luke M. Morenus, P.E., of Barton & Loguidice, P.C., 290 Elwood Davis Road, Box 3107, Syracuse, New York 13220. A total of three (3) test boreholes (B-1 through B-3) were located in the field at locations designated by Barton & Loguidice. Refer to the attached test boring/infiltration test plan in Appendix A for the approximate location of each test boring/infiltration test location.

METHOD OF INVESTIGATION

SJB utilized truck mounted CME 75 drill rig to complete the test borings. Standard drilling techniques were used to advance the hollow stem augers through the overburden soils until auger refusal. As each boring was advanced, soil samples were obtained in the materials below the augers using the Standard Penetration Test (SPT), in general accordance with the procedures set forth in ASTM D1586. A 6-inch diameter core machine was using to obtain pavement cores at each of the borehole locations. Upon completion of the drilling, the driller moved approximately 2 feet and auger to a depth of 30 inches below grade. A 4-inch diameter PVC pipe was then installed for the infiltration test. The infiltration tests were pre-soaked on November 19, 2012 and the tests were performed on November 20, 2012.

All recovered soil were samples were transported to our Rochester, New York office and where visually classified in our by a Geologist. The test boring logs and infiltration test are included in Appendix B.

A summary of the pavement cores and core photographs are included in Appendix C.

SUBSURFACE CONDITIONS

The results of the pavement cores are tabulated in the table below.

PAVEMENT CORE SUMMARY				
BOREHOLE NO.	CORE NO.	CORE THICKNESS	CORE DISCRIPTION	SUBBASE MATERIAL
B-1	C-1	8"	1-1/4" Asphalt Top Course 2" Asphalt Top Course 1-1/2" Asphalt Binder Course 3-3/4" Asphalt Top Course	Brown SAND and GRAVEL
B-2	C-2	5-1/4"	1-1/2" Asphalt Top Course 1-3/4" Asphalt Top Course 2" Asphalt Binder Course	Brown SAND, some Gravel, trace brick and concrete fragments
B-3	C-3	7-1/2"	1" Asphalt Top Course 2-1/2" Asphalt Binder Course 4" No.2 Stone with Macadam	6" Gray Crushed STONE

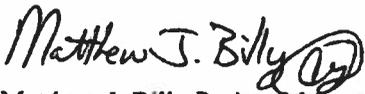
Detailed descriptions of the subsurface conditions encountered at each test borehole are presented on the individual subsurface logs in Appendix B. Photographs of the recovered asphalt pavements cores are included in Appendix C.

No free standing water was encountered at boring completion at each of the borehole locations. It should be noted that the post drilling free water observations may not accurately represent groundwater levels as a result of the short time allowed for stabilization of the water levels. Ground water levels will be influenced by seasonal related fluctuations.

CLOSING REMARKS

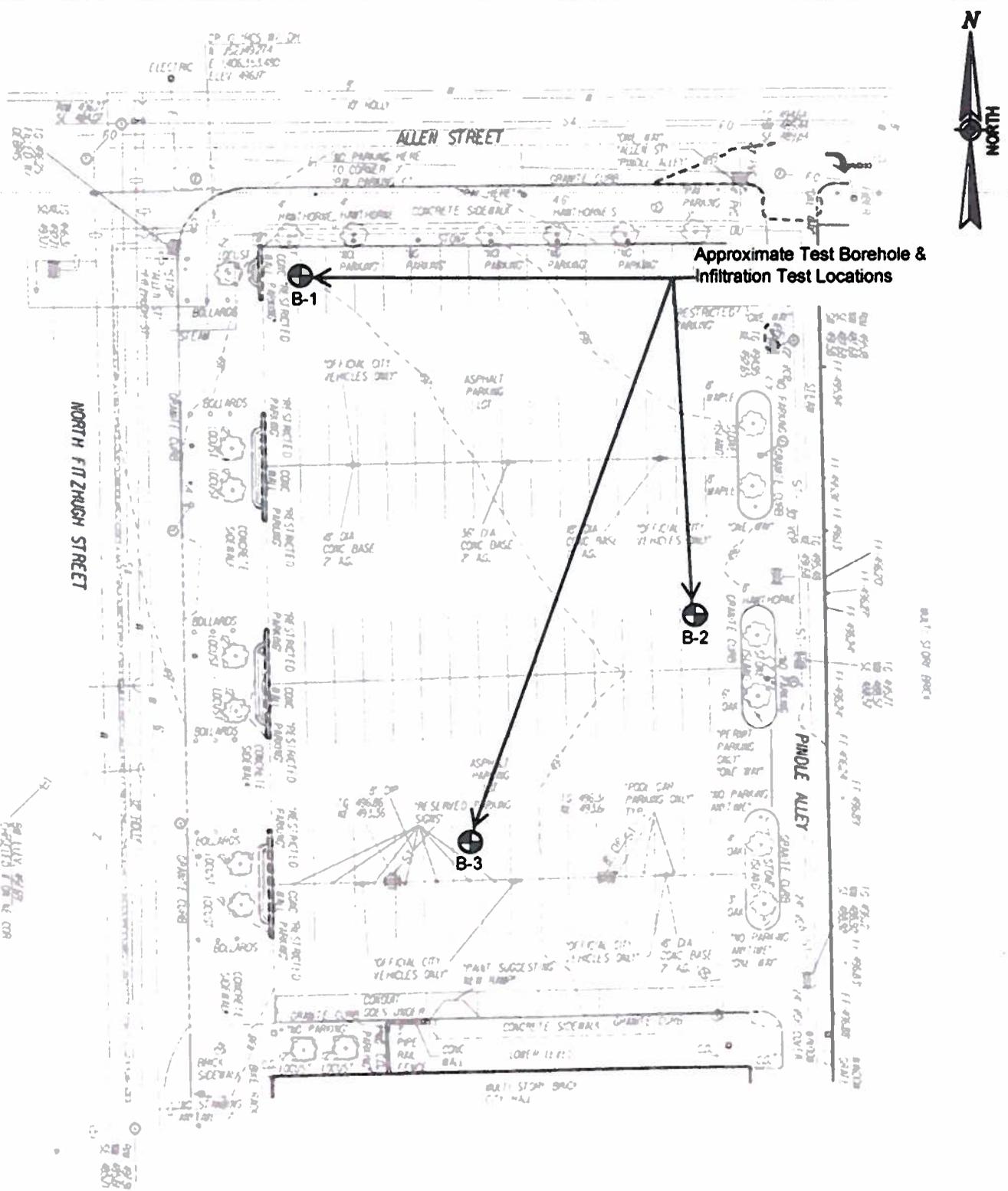
We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact our office. All recovered samples will be retained for a maximum of sixty (60) days, at which time they will be destroyed unless otherwise noted.

Respectfully submitted,
SJB Services, Inc.


Matthew J. Billy-Project Manager

APPENDIX A

DRAWING



Approximate Test Borehole & Infiltration Test Locations

NOTE: PAVEMENT CORES WERE TAKEN AT EACH OF THE BOREHOLE LOCATIONS. A SPLIT-SPOON SAMPLER WAS THEN USED TO OBTAIN REPRESENTATIVE SAMPLES OF THE SUBBASE AND SUBGRADE MATERIAL TO AUGER REFUSAL. THE DRILLER THEN MOVED APPROXIMATELY 2.0 FEET AND AUGERED TO A DEPTH OF 30 INCHES AND PLACED A 4 INCHES PVC PIPE FOR THE INFILTRATION TESTS AT EACH BOREHOLE LOCATION.



SJB Services, Inc.
SUBSURFACE INVESTIGATION PLAN

City Hall Green Pervious Parking Lot
 30 Church Street
 Rochester, New York

DR. BY: MJB	SCALE: N.A.	PROJ. NO: RD-12-024
CKD BY: CG	DATE: 11/26/12	DRWG NO: 1

APPENDIX B
SUBSURFACE BORING LOGS
AND
INFILTRATION TEST DATA SUMMARY

DATE _____
 STARTED _____
 FINISHED _____
 SHEET _____ OF _____



SJB SERVICES, INC. SUBSURFACE LOG

PROJ. No. _____
 HOLE No. _____
 SURF. ELEV. _____
 G.W. DEPTH _____

PROJECT _____ LOCATION _____

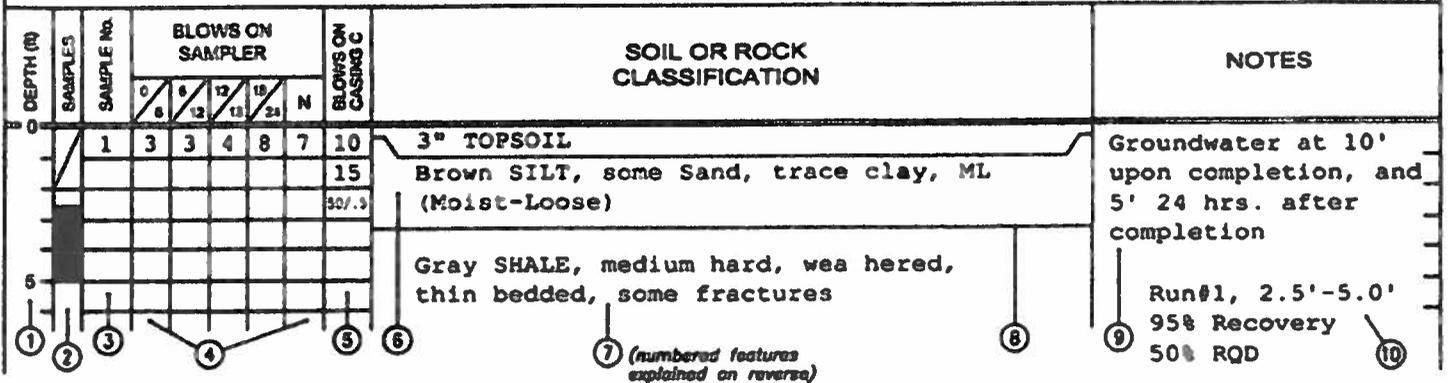


TABLE I

	Split Spoon Sample
	Shelby Tube Sample
	Geoprobe Macro-Core
	Auger or Test Pit Sample
	Rock Core

TABLE II

Identification of soil type is made on basis of an estimate of particle sizes, and in the case of fine grained soils also on basis of plasticity

Soil Type	Soil Particle Size	
Boulder	>12"	
Cobble	3" - 12"	
Gravel - Coarse	3" - 3/4"	Coarse Grained (Granular)
- Fine	3/4" - #4	
Sand - Coarse	#4 - #10	Fine Grained
- Medium	#10 - #40	
- Fine	#40 - #200	
Silt Non Plastic (Granular)	<#200	
Clay - Plastic (Cohesive)		

TABLE III

The following terms are used in classifying soils consisting of mixtures of two or more soil types. The estimate is based on weight of total sample

Term	Percent of Total Sample
"and"	35 - 50
"some"	20 - 35
"little"	10 - 20
"trace"	less than 0

(When sampling gravelly soils with a standard split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter.)

TABLE IV

The relative compactness or consistency is described in accordance with the following terms:

Granular Soils		Cohesive Soils	
Term	Blows per Foot, N	Term	Blows per Foot, N
Loose	0 - 4	Very Soft	0 - 2
Loose	4 - 10	Soft	2 - 4
Firm	10 - 30	Medium	4 - 8
Compact	30 - 50	Stiff	8 - 15
Very Compact	>50	Very Stiff	15 - 30
		Hard	>30

(Large particles in the soils will often significantly influence the blows per foot recorded during the penetration test)

TABLE V

Varved	Horizontal uniform layers or seams of soil(s).
Layer	Soil deposit more than 6" thick.
Seam	Soil deposit less than 6" thick.
Parting	Soil deposit less than 1/8" thick.
Laminated	Irregular, horizontal and angled seams and partings of soil(s).

TABLE VI

Rock Classification Term	Meaning	Rock Classification Term	Meaning
Hardness	- Soft	Bedding	- Laminated (<1")
	Modium Hard		- Thin Bedded (1" - 4")
	- Hard		- Bedded (4" - 12")
	- Very Hard		- Thick Bedded (12" - 36")
Weathering	- Very Weathered	- Massive (>36")	Natural breaks in Rock Layers
	Weathered		
	Sound		

(Fracturing refers to natural breaks in the rock oriented at some angle to the rock layers)

GENERAL INFORMATION & KEY TO SUBSURFACE LOGS

The Subsurface Logs attached to this report present the observations and mechanical data collected by the driller at the site, supplemented by classification of the material removed from the borings as determined through visual identification by technicians in the laboratory. It is cautioned that the materials removed from the borings represent only a fraction of the total volume of the deposits at the site and may not necessarily be representative of the subsurface conditions between adjacent borings or between the sampled intervals. The data presented on the Subsurface Logs together with the recovered samples provide a basis for evaluating the character of the subsurface conditions relative to the project. The evaluation must consider all the recorded details and their significance relative to each other. Often analyses of standard boring data indicate the need for additional testing or sampling procedures to more accurately evaluate the subsurface conditions. Any evaluation of the contents of this report and recovered samples must be performed by qualified professionals. The following information defines some of the procedures and terms used on the Subsurface Logs to describe the conditions encountered, consistent with the numbered identifiers shown on the Key opposite this page.

1. The figures in the Depth column define the scale of the Subsurface Log.
2. The Samples column shows, graphically, the depth range from which a sample was recovered. See Table I for descriptions of the symbols used to represent the various types of samples.
3. The Sample No. is used for identification on sample containers and/or Laboratory Test Reports.
4. Blows on Sampler - shows the results of the "Penetration Test", recording the number of blows required to drive a split spoon sampler into the soil. The number of blows required for each six inches is recorded. The first 6 inches of penetration is considered a seating drive. The number of blows required for the second and third 6 inches of penetration is termed the penetration resistance, N.
5. Blows on Casing - Shows the number of blows required to advance the casing a distance of 12 inches. The casing size, hammer weight, and length of drop are noted at the bottom of the Subsurface Log. If the casing is advanced by means other than driving, the method of advancement will be indicated in the Notes column or under the Method of Investigation at the bottom of the Subsurface Log. Alternatively, sample recovery may be shown in this column, or other data consistent with the column heading.
6. All recovered soil samples are reviewed in the laboratory by an engineering technician, geologist or geotechnical engineer, unless noted otherwise. Visual descriptions are made on the basis of a combination of the driller's field descriptions and noted observations together with the sample as received in the laboratory. The method of visual classification is based primarily on the Unified Soil Classification System (ASTM D 2487) with regard to the particle size and plasticity (See Table No. II), and the Unified Soil Classification System group symbols for the soil types are sometimes included with the soil classification. Additionally, the relative portion, by weight, of two or more soil types is described for granular soils in accordance with "Suggested Methods of Test for Identification of Soils" by D.M. Burmister, ASTM Special Technical Publication 479, June 1970. (See Table No. III). Description of the relative soil density or consistency is based upon the penetration records as defined in Table No. IV. The description of the soil moisture is based upon the relative wetness of the soil as recovered and is described as dry, moist, wet and saturated. Water introduced into the boring either naturally or during drilling may have affected the moisture condition of the recovered sample. Special terms are used as required to describe soil deposition in greater detail; several such terms are listed in Table V. When sampling gravelly soils with a standard two inch diameter split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter. The presence of boulders and large gravel is sometimes, but not necessarily, detected by an evaluation of the casing and sampler blows or through the "action" of the drill rig as reported by the driller.
7. Rock description is based on review of the recovered rock core and the driller's notes. Frequently used rock classification terms are included in Table VI.
8. The stratification lines represent the approximate boundary between soil types and the transition may be gradual. Solid stratification lines delineate apparent changes in soil type, based upon review of recovered soil samples and the driller's notes. Dashed lines convey a lesser degree of certainty with respect to either a change in soil type or where such change may occur.
9. Miscellaneous observations and procedures noted by the driller are shown in this column, including water level observations. It is important to realize the reliability of the water level observations depends upon the soil type (water does not readily stabilize in a hole through fine grained soils), and that any drill water used to advance the boring may have influenced the observations. The ground water level will fluctuate seasonally, typically. One or more perched or trapped water levels may exist in the ground seasonally. All the available readings should be evaluated. If definite conclusions cannot be made, it is often prudent to examine the conditions more thoroughly through test pit excavations or groundwater observation wells.
10. The length of core run is defined as the length of penetration of the core barrel. Core recovery is the length of core recovered divided by the core run. The RQD (Rock Quality Designation) is the total length of pieces of NX core exceeding 4 inches divided by the core run. The size core barrel used is also noted in the Method of Investigation at the bottom of the Subsurface Log.

DATE
 START 11/16/2012
 FINISH 11/16/2012
 SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG



HOLE NO. B-1
 SURF. ELEV
 G.W. DEPTH See Notes

PROJECT: City Hall Green Pervious Parking Lot LOCATION: 30 Church Street
 PROJ. NO.: RD-12-024 Rochester, New York

DEPTH FT.	SAMPL NO.	BLOWS ON SAMPLER					SOIL OR ROCK CLASSIFICATION	NOTES
		0/8	6/12	12/18	18/24	N		
							8" ASPHALT	Infiltration test pipe was installed at a depth of 2.5', 2.25' southwest of borehole.
	1	4					Brown SAND and GRAVEL, trace silt (moist) (firm)	
2.5	2	9						
			8					
				6				
					5	14		
5	3	9						
			9					
				9				
					5	18		
	4	6						
			10					
7.5				10				
					11	20		
	5	12						
			11					
				8				
10					10	19		
	6	6					Brown fine SAND, little Gravel, little Silt (very moist) Ref.-Sample Refusal	
			8					
				50/1			Gray ROCK fragments Boring complete with sample and auger refusal at 11.1 feet.	
					Ref.			
12.5							No free standing water was encountered at boring completion.	
15								
17.5								
20								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist
 DRILLER: Ken Fuller DRILL RIG TYPE: CME 75
 METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS



**CONTRACT
DRILLING
AND
TESTING**

INFILTRATION TEST DATA SUMMARY

PROJECT: City Hall Green Pervious Parking Lot

LOCATION: 30 Church Street, Rochester, NY

INFILTRATION TEST POINT: IT-1

PRESOAK DATE: 11/19/12

PRESOAK TIME: 9:40 am

TEST DATA

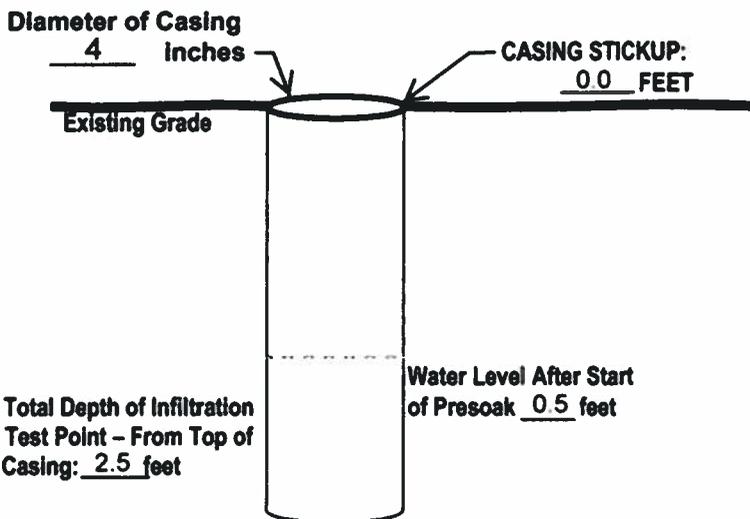
Test Date: 11/20/12

Start of Test Time: 9:40 am

IS THERE PRESOAK WATER IN TEST CASING?

YES **NO**

If yes, what depth: _____ feet.



RUN NUMBER	START TIME (HOURS)	END TIME (HOURS)	ELAPSED TIME (MIN)	DROP IN WATER LEVEL (FEET)	REFILLED TO WATER LEVEL (FEET)
START					0.5
RUN #1	9:40	10:40	60	2.00	0.5
RUN #2	10:40	11:40	60	2.00	0.5
RUN #3	12:40	13:40	60	1.98	0.5
RUN #4	13:40	14:40	60	2.00	

TESTED BY: Matthew Billy

JOB NO: B

DATE
 START 11/16/2012
 FINISH 11/16/2012
 SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG



HOLE NO. B-2
 SURF. ELEV. _____
 G.W. DEPTH See Notes

PROJECT: City Hall Green Pervious Parking Lot LOCATION: 30 Church Street
 PROJ. NO.: RD-12-024 Rochester, New York

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER					SOIL OR ROCK CLASSIFICATION	NOTES
		0/8	8/12	12/16	16/24	N		
							5-1/4" ASPHALT	Infiltration test pipe was installed at a depth of 2.5', 3' southeast of borehole.
	1	29					Brown SAND, some Gravel, some Brick fragments, little Silt, little Concrete fragments (moist)	
2.5	2	32		11			grades to "and" GRAVEL, trace brick and concrete fragments (compact)	FILL
			14					
				17				
					21	31		
5	3	1					Brown SILT, little Sand, little Gravel, trace clay (moist, loose)	FILL
			1					
				2				
	4	3			2	3		
			4					
7.5				14			Brown SAND and GRAVEL, trace silt (moist)	FILL
					25	18		
	5	8					Grayish brown fine to medium SAND, some Gravel, little Silt (very moist, firm)	No split-spoon recovery for sample No. 6 Ref. -Sample Refusal
			12					
				18				
10					26	30		
	6	50/1				Ref.	Boring complete with sample and auger refusal at 10.1 feet.	No free standing water was encountered at boring completion
12.5								
15								
17.5								
20								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY Geologist
 DRILLER: Ken Fuller DRILL RIG TYPE: CME 75
 METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS



**CONTRACT
DRILLING
AND
TESTING**

INFILTRATION TEST DATA SUMMARY

PROJECT: City Hall Green Pervious Parking Lot

LOCATION: 30 Church Street, Rochester, NY

INFILTRATION TEST POINT: IT-2

PRESOAK DATE: 11/19/12

PRESOAK TIME: 9:45 am

TEST DATA

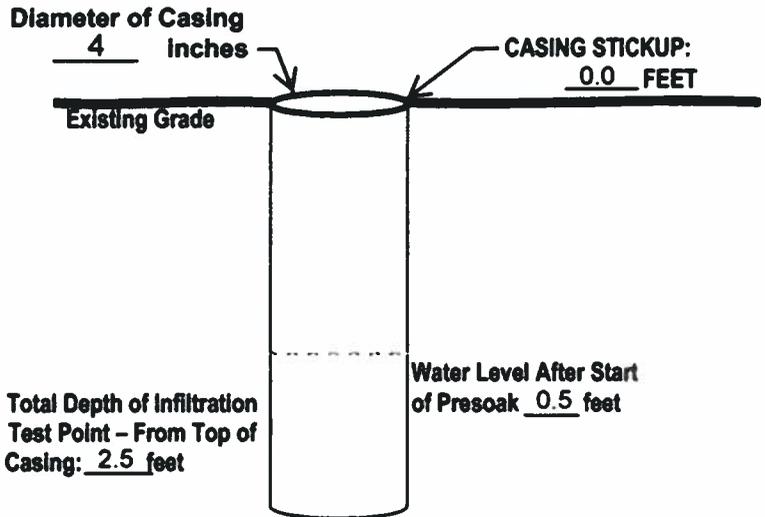
Test Date: 11/20/12

Start of Test Time: 9:45 am

IS THERE PRESOAK WATER IN TEST CASING?

YES NO

If yes, what depth: 1.63 feet.



RUN NUMBER	START TIME (HOURS)	END TIME (HOURS)	ELAPSED TIME (MIN)	DROP IN WATER LEVEL (FEET)	REFILLED TO WATER LEVEL (FEET)
START					0.5
RUN #1	9:45	10:45	60	0.0 No Change	0.5
RUN #2	10:45	11:45	60	0.0 No Change	0.5
RUN #3	12:45	13:45	60	0.0 No Change	0.5
RUN #4	13:45	14:45	60	0.0 No Change	

TESTED BY: Matthew Billy

JOB NO: B

DATE
 START 11/16/2012
 FINISH 11/16/2012
 SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG



HOLE NO. B-3
 SURF. ELEV
 G.W. DEPTH See Notes

PROJECT: City Hall Green Pervious Parking Lot LOCATION: 30 Church Street
 PROJ. NO.: RD-12- Rochester, New York

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER					SOIL OR ROCK CLASSIFICATION	NOTES
		0/8	8/12	12/18	18/24	N		
							7-1/2" ASPHALT	Infiltration test pipe was installed at a depth of 2.5', 2' southeast of borehole. Driller notes split-spoon and could not be advanced past 2.5 feet. Drillers advanced augers past obstruction from 2.5 to 4.0 feet, before obtaining the next split-spoon sample encountered from 5.7 feet to auger refusal at 7.1 feet.
	1	5					6" Gray Crushed STONE	
2.5	2	17		14			Gray SAND, some Gravel, little Silt, trace slag (moist) grades to trace brick fragments	
								No free standing water was encountered at boring completion.
	3	1					grades to trace concrete fragments (loose)	
5			1					
				1			FILL	
					50/2	2	CONCRETE	
7.5								
10								
12.5								
15								
17.5								
20								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB PIN WT FALLING 30-INCHES PER BLOW CLASSIFIED BY Geologist
 DRILLER: Ken Fuller DRILL RIG TYPE CME 75
 METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS



**CONTRACT
DRILLING
AND
TESTING**

INFILTRATION TEST DATA SUMMARY

PROJECT: City Hall Green Pervious Parking Lot

LOCATION: 30 Church Street, Rochester, NY

INFILTRATION TEST POINT: IT-3

PRESOAK DATE: 11/19/12

PRESOAK TIME: 9:52 am

TEST DATA

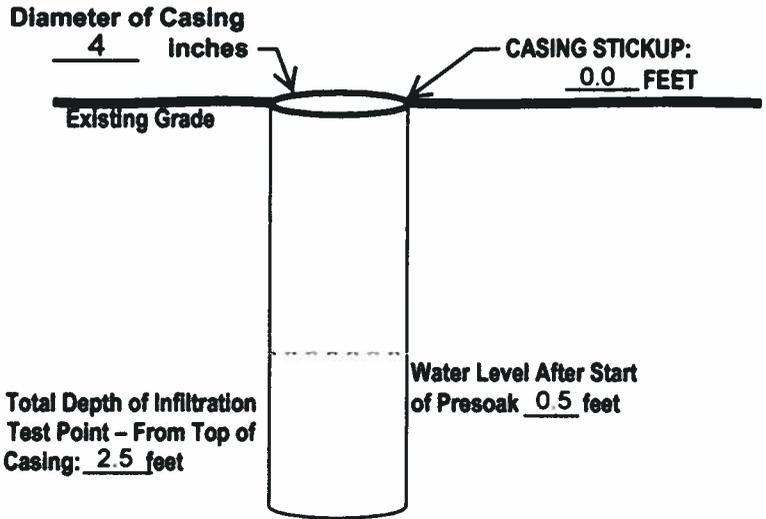
Test Date: 11/20/12

Start of Test Time: 9:52 am

IS THERE PRESOAK WATER IN TEST CASING?

YES **NO**

If yes, what depth: _____ feet.



RUN NUMBER	START TIME (HOURS)	END TIME (HOURS)	ELAPSED TIME (MIN)	DROP IN WATER LEVEL (FEET)	REFILLED TO WATER LEVEL (FEET)
START					0.5
RUN #1	9:52	10:52	60	1.05	0.5
RUN #2	10:52	11:52	60	0.96	0.5
RUN #3	12:52	13:52	60	0.86	0.5
RUN #4	13:52	14:52	60	0.81	

TESTED BY: Matthew Billy

JOB NO.: B

APPENDIX C

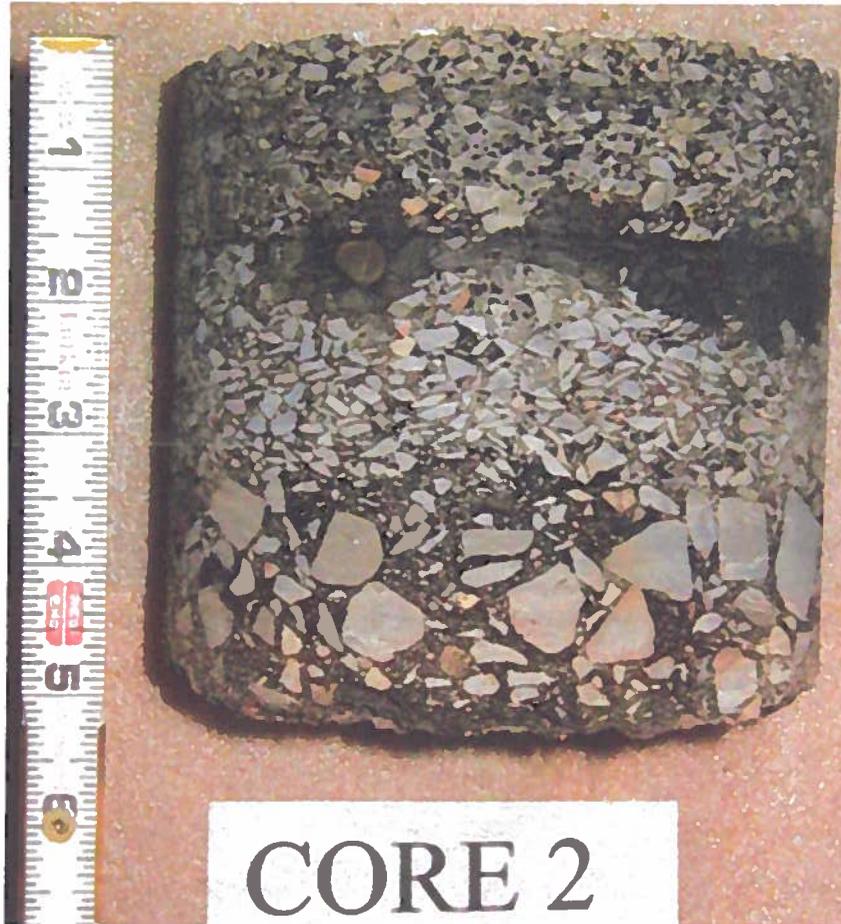
ASPHALT CORE PHOTOGRAPHS

**PARKING LOT EVALUATION
30 CHURCH STREET
ROCHESTER, NEW YORK
CORE SUMMARY**



CORE NUMBER	DESCRIPTION
C-1	TOTAL CORE LENGTH = 8" CORE DIAMETER = 5-3/4" Asphalt Top Course = 1-1/4" Asphalt Top Course = 2" Asphalt Binder Course = 1-1/2" Asphalt Top Course = 3-1/4"

**PARKING LOT EVALUATION
30 CHURCH STREET
ROCHESTER, NEW YORK
CORE SUMMARY**



CORE NUMBER	DESCRIPTION
C-2	TOTAL CORE LENGTH = 5-1/4" CORE DIAMETER = 5-3/4" Asphalt Top Course = 1-1/2" Asphalt Top Course = 1-3/4" Asphalt Binder Course = 2"

**PARKING LOT EVALUATION
30 CHURCH STREET
ROCHESTER, NEW YORK
CORE SUMMARY**



CORE NUMBER	DESCRIPTION
C-3	<p>TOTAL CORE LENGTH = 7-1/2" CORE DIAMETER = 5-3/4"</p> <p>Asphalt Top Course = 1-1/4" Asphalt Binder Course = 2-1/4" No. 2 Stone with Macadam = 4"</p>