



TR2: Technical Report
Concrete Sampling and Testing
Must be typewritten.

✓ Orient and affix BIS
 job number label here

Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 31-25 Street Name 20 AVENUE

Borough QUEENS Block 850 Lot 395 BIN 4593903 CB No. 401

Work on Floor(s) Apt/Condo No(s)

2 Licensed Concrete Testing Lab Information *Required for all applications.*

Director Last Name LANGER Director First Name GLEN Director Middle Initial J

Business Name S & S CONCRETE AND SOIL TESTING Business Telephone 718-961-1000

Business Address 20-39 129th STREET Business Fax 718-961-1002

City COLLEGE POINT State N.Y Zip 11356 Mobile Telephone

E-Mail ssc2039@gmail.com

Director's Lic. Number 070976 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 82

3 Licensed Concrete Testing Laboratory's Identification of Responsibilities *Required prior to Permit.*

Check all that apply below:

I certify that I am the director of the licensed concrete testing laboratory accepting responsibility for conducting the testing in accordance with BC 1905.6 and BC 1704.1. I further certify that I have read the applicable sections of the New York City Construction Codes in connection with the testing of concrete and licensed concrete testing laboratories as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6), which specifies the qualifications and duties required of a licensed concrete testing laboratory and that this licensed testing laboratory meets those qualifications for the work which I take responsibility. I agree that both I and the licensed concrete testing laboratory will comply with all provisions of the New York City Construction Codes as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6). I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

Change of Applicant: I am a newly designated individual responsible for the testing specified herein and I hereby state that:

- ☒ None of the tests indicated herein have been performed to date by the previously designated individual.
☐ Some of the tests indicated herein have been performed by the previously designated individual, as indicated in the attached report.

Name (please print)

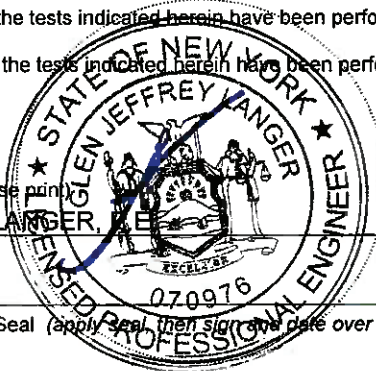
GLEN J. LANGER

Signature

Date

08-29-17

P.E. / R.A. Seal (apply seal, then sign and date over seal)



4 Design Applicant's Statement and Signature *P.E./R.A. Required prior to Permit.*

☐ I certify that the licensed concrete testing laboratory specified in section 2 above and engaged by the owner to perform tests on the work at the location specified in section 1 above is acceptable. (BC 1704.1)

Name (please print)

Signature

Date

P.E. / R.A. Seal (*apply Seal, then sign and date over seal*)**5 Building Owner's Statement and Signature** *Required prior to Permit*

I certify that I have employed the licensed concrete testing laboratory specified in section 2 above in accordance with BC 1704.1. Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by a fine or imprisonment, or both. I understand that if I am found after hearing to have knowingly or negligently made a false statement or to have knowingly or negligently falsified or allowed to be falsified any certificate, form, signed statement, application, report or certification of the correction of a violation required under the provisions of this code or of a rule of any agency. I may be barred from filing further applications or document with the Department.

Name (print)

Title

Signature

Date

STOP HERE PRIOR TO PERMIT

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test ReportsSpecified Concrete Str. (f_c): 4000

PSI

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:					Total Placement	Breaking Strength
			Slump	Air Content	Temperature	Weight	Placement Location		
			in	%	F	lbs/ft ³			
ssc-31-01	10-05-17	66298	4.00	6.80	79	144.80	footing left	86	6785
"	"	66299	"	"	"	"	side and	"	6880
"	"	66300	"	"	"	"	middle	"	7020
ssc-31-01	10-05-17	66302	6.00	6.00	79	143.68	footing left	86	6660
"	"	66303	"	"	"	"	side and	"	6650
"	"	66304	"	"	"	"	middle	"	6635
ssc-31-02	10-20-17	68302	8.50	3.20	63	150.00	f. shear	55	6985
"	"	68303	"	"	"	"	wall &	"	7820
"	"	68304	"	"	"	"	footing	"	7855
ssc-31-02	10-20-17	68306	9.50	3.50	66	148.75	f. shear	55	7335
"	"	68307	"	"	"	"	wall &	"	7525
"	"	68308	"	"	"	"	footing	"	7005
ssc-31-03	10-26-17	68290	7.50	4.00	63	144.52	foundation	33	7475
"	"	68291	"	"	"	"	footing	"	7215
"	"	68292	"	"	"	"	"	"	7375
ssc-31-04	11-02-17	67542	7.25	5.8	69	144.28	f/f section &	14	6460
"	"	67543	"	"	"	"	side up to	"	6605
"	"	67544	"	"	"	"	front corner	"	7000

Licensed Concrete Lab Director Name (please print)

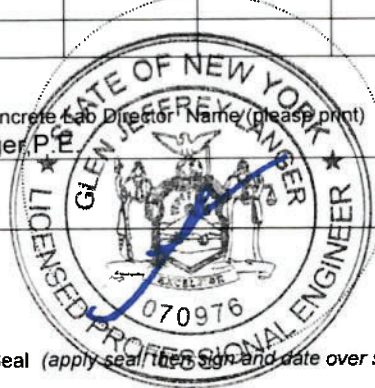
Glen Langer, P.E.

Signature

Date

03-09-23

P.E. / R.A. Seal (apply seal over sign and date over seal)



6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test ReportsSpecified Concrete Str. (F_c): 4000

PSI

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:				Placement Location	Total Placement	Breaking Strength
			Slump	Air Content	Temperature	Weight			
			in	%	F	lbs/ft ³		yd ³	PSI
ssc-31-05	11-08-17	67562	7.75	4.70	63	146.24	f. wall &	18	9235
"	"	67563	"	"	"	"	front side&	"	10210
"	"	67564	"	"	"	"	footing	"	9700
ssc-31-06	11-17-17	69834	5.50	4.70	58	150.6	basement	49	10495
"	"	69835	"	"	"	"	footing	"	8925
"	"	69836	"	"	"	"	elevator	"	8770
ssc-31-07	11-22-17	67598	7.00	5.70	67	144.28	f. wall sec.	11	8560
"	"	67599	"	"	"	"	& elevator	"	8760
"	"	67600	"	"	"	"	walls side	"	9165
ssc-31-08a	04-11-18	76422	8.00	7.00	65	141.80	first floor	189	7675
"	"	76423	"	"	"	"	slab	"	7425
"	"	76424	"	"	"	"	"	"	8270
ssc-31-08a	04-11-18	76426	8.00	6.80	64	142.60	first floor	189	7890
"	"	76427	"	"	"	"	slab	"	8355
"	"	76428	"	"	"	"	"	"	8270
ssc-31-08b	04-11-18	76430	8.00	6.60	66	141.68	first floor	189	7340
"	"	76431	"	"	"	"	slab	"	7355
"	"	76432	"	"	"	"	"	"	7765

Licensed Concrete Lab Director (Name, please print)

Glen Langer, P.E.

Signature

Date

03-09-23

P.E. / R.A. Seal (apply seal, then sign and date over seal)

Specified Concrete Str. (f_c): 4000 PSI Required Test Age (days): 28

Licensed Concrete Lab Director Name (please print)
Glen Langer, P.E.

Date
03-09-23



7 Licensed Concrete Testing Laboratory's Certification of Completion Required prior to Sign-off..

- ☒ I certify that I have completed the testing specified herein and that the results reported in section 6 of this form are true and accurate in accordance with §28-406.3.2.

I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

- ☐ Withdrawal of Applicant: I am withdrawing responsibility for conducting the tests indicated herein and herewith submit the results or status of the work performed to date.

Name (please print)

Glen Langer

Signature

Date

03-09-23

P.E. / R.A. Seal (apply seal, lift seal and date over seal)

**8 Design Applicant's Statements and Signatures Required prior to Sign-off. P.E./R.A. responsible for plans, choose one and sign/seal.**

- ☒ I certify I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents.

- ☐ I certify I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents except as noted in the attached report (BC 1905.6).
Note: design and test results must be attached to this document

Name (please print)

Signature

08-21-23

Date

P.E. / R.A. Seal

(seal)

**9 Concrete Producer's Statement and Signature Required prior to Sign-off. Must be filled out by Owner of Production Facility.**

I certify that the test results reported in section 6 above were reported to me, and I further certify that the concrete delivered is in accordance with the design mix(es) specified on the TR3 submitted for the work specified in section 1 above.

Name (print)

C. Todd

Title

Manager

Signature

Date

8/18/23

NRMCA/CIB Expiration Date (BC 1905.8.2)

8-1-25

Business Name

Best Concrete

Business Telephone

718-463-5500

Business Address

350 CP Blvd

Business Fax:

718-762-0807

City

Flushing

State

NY

Zip

11354

S&S CONCRETE & SOIL TESTING

20-39 129TH STREET, COLLEGE POINT, NEW YORK 11356

PHONE: (718) 961-1000 FAX: (718) 961-1002

Email: SSC2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE FIELD TEST REPORT – ASTM C39

DATE CAST: 10/05/17		DATE RECEIVED: 10/06/17	
CLIENT: DOMENIC ACQUISTA		REPORT NO: SSC-31-01	JOB NO: 31-10-17
PROJECT: 31-25 20TH AVENUE, QUEENS		TOTAL CUBIC YARDS: 86	WEATHER: 68 °F
CONTRACTOR: VARDO		CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
CLASS / DESIGN: 4000 PSI		CONCRETE SUPPLIER: BEST CONCRETE	
TR3 ON SITE: ☒ YES ☐ NO	BATCH TICKET: ☒ YES ☐ NO	BATCH PLANT INSPECTION: ☐ YES ☒ NO	
PLACEMENT LOCATION: FOOTING LEFT SIDE AND MIDDLE			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT ³)
8:15 am	56	10	4	4.00	6.80	79	144.80
10:00 am	36	10	4	6.00	6.00	79	143.68

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in ²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f _c
66297	10/12/17	7	4.00	12.56	60,925	4,850	1	YES
66298	11/02/17	28	4.00	12.56	85,265	6,785	1	YES
66299	11/02/17	28	4.00	12.56	86,455	6,880	4	YES
66300	11/02/17	28	4.00	12.56	88,230	7,020	1	YES
66301	10/12/17	7	4.00	12.56	58,340	4,640	4	YES
66302	11/02/17	28	4.00	12.56	83,665	6,660	1	YES
66303	11/02/17	28	4.00	12.56	83,570	6,650	4	YES
66304	11/02/17	28	4.00	12.56	83,375	6,635	1	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

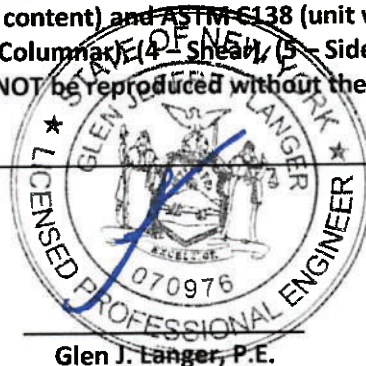
Remarks: _____

EMILIO IZZO / ACI #01368360

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



11/02/17
Date

S&S CONCRETE & SOIL TESTING

20-39 129TH STREET, COLLEGE POINT, NEW YORK 11356

PHONE: (718) 961-1000 FAX: (718) 961-1002

Email: SSC2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA	DATE CAST: 10/20/17	DATE RECEIVED: 10/23/17
PROJECT: 31-25 20TH AVENUE, QUEENS	REPORT NO: SSC-31-02	JOB NO: 31-10-17
CONTRACTOR: VARDON	TOTAL CUBIC YARDS: 55	WEATHER: 60 °F
CLASS / DESIGN: 4000 PSI	CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
TR3 ON SITE: ☒ YES ☐ NO	CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKET: ☒ YES ☐ NO	BATCH PLANT INSPECTION: ☐ YES ☒ NO	

PLACEMENT LOCATION: FOUNDATION SHORT WALL SEC. ALONG LEFT SIDE & ADJECENT REAR SIDE.
FOUNDATION FOOTING SEC. ON REAR SIDE, ADJECENT RIGHT SIDE

& BCOLUMN PIER FOOTING & GRADE BEAM (C3, A2.8)

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
8:40 am	24	11	4	8.50	3.20	63	150.00
9:55 am	30	11	4	9.50	3.50	66	148.75

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
68301	10/27/17	7	4.00	12.56	67,430	5,365	4	YES
68302	11/17/17	28	4.00	12.56	87,765	6,985	4	YES
68303	11/17/17	28	4.00	12.56	98,295	7,820	4	YES
68304	11/17/17	28	4.00	12.56	98,735	7,855	1	YES
68305	10/27/17	7	4.00	12.56	57,270	4,555	4	YES
68306	11/17/17	28	4.00	12.56	92,200	7,335	1	YES
68307	11/17/17	28	4.00	12.56	94,570	7,525	1	YES
68308	11/17/17	28	4.00	12.56	88,065	7,005	1	YES

NOTES:

- Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
- Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
- * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
- These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

Remarks: _____

FEDERICO SALAS / ACI #01152471

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



Glen J. Langer, P.E.

11/17/17

Date

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Email: SSC2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE FIELD TEST REPORT – ASTM C39

DATE CAST: 10/26/17		DATE RECEIVED: 10/27/17	
CLIENT: DOMENIC ACQUISTA		REPORT NO: SSC-31-03	
PROJECT: 31-25 20TH AVENUE, QUEENS		JOB NO: 31-10-17	
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 33	
CLASS / DESIGN: 4000 PSI		WEATHER: 55 °F	
TR3 ON SITE: ☒ YES ☐ NO		CURING BOX: ☒ YES ☐ NO	
BATCH TICKECT: ☒ YES ☐ NO		PAGE: 1 OF 1	
BATCH PLANT INSPECTION: ☐ YES ☒ NO		CONCRETE SUPPLIER: BEST CONCRETE	
PLACEMENT LOCATION: FOUNDATION FOOTING			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
9:15 am	30	30	4	7.50	4.00	63	144.52

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
68289	11/02/17	7	4.00	12.56	65,390	5,205	1	YES
68290	11/23/17	28	4.00	12.56	93,960	7,475	1	YES
68291	11/23/17	28	4.00	12.56	90,650	7,215	1	YES
68292	11/23/17	28	4.00	12.56	92,625	7,375	1	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

Remarks: _____

JONATHAN OLAYA / ACI #01333544

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



11/23/17

Date

S&S CONCRETE & SOIL TESTING

20-39 129TH STREET, COLLEGE POINT, NEW YORK 11356

PHONE: (718) 961-1000 FAX: (718) 961-1002

Email: SSC2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA	DATE CAST: 11/02/17	DATE RECEIVED: 11/03/17
PROJECT: 31-25 20TH AVENUE, QUEENS	REPORT NO: SSC-31-04	JOB NO: 31-10-17
CONTRACTOR: VARDIO	TOTAL CUBIC YARDS: 14	WEATHER: 63 °F
CLASS / DESIGN: 4000 PSI	CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
TR3 ON SITE: ☒ YES ☐ NO	BATCH TICKET: ☒ YES ☐ NO	BATCH PLANT INSPECTION: ☐ YES ☒ NO
CONCRETE SUPPLIER: BEST CONCRETE		
PLACEMENT LOCATION: F/F SECTION ALONG WITH SIDE UP TO FRONT CORNER		

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
1:20 pm	41	7	4	7.25	5.80	69	144.28

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
67541	11/09/17	7	4.00	12.56	67,410	5,365	3	YES
67542	11/30/17	28	4.00	12.56	81,190	6,460	2	YES
67543	11/30/17	28	4.00	12.56	83,030	6,605	1	YES
67544	11/30/17	28	4.00	12.56	85,090	7,000	1	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

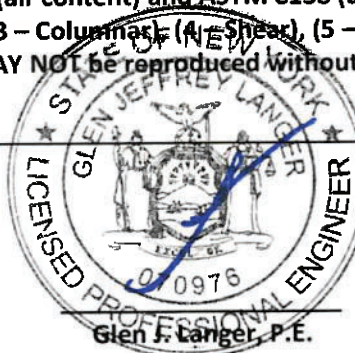
Remarks: _____

MIGUEL TORRES / ACI #01148650

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



11/30/17

Date

S&S CONCRETE & SOIL TESTING

20-39 129TH STREET, COLLEGE POINT, NEW YORK 11356

PHONE: (718) 961-1000 FAX: (718) 961-1002

Email: SSC2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE FIELD TEST REPORT – ASTM C39

DATE CAST: 11/08/17		DATE RECEIVED: 11/09/17	
CLIENT: DOMENIC ACQUISTA		REPORT NO: SSC-31-05	
PROJECT: 31-25 20TH AVENUE, QUEENS		JOB NO: 31-10-17	
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 18	
CLASS / DESIGN: 4000 PSI		WEATHER: 47 °F	
TR3 ON SITE: ☒ YES ☐ NO		CURING BOX: ☒ YES ☐ NO	
BATCH TICKECT: ☒ YES ☐ NO		PAGE: 1 OF 1	
BATCH PLANT INSPECTION: ☐ YES ☒ NO		CONCRETE SUPPLIER: BEST CONCRETE	
PLACEMENT LOCATION: BOTH F/W SEC. ALONG FRONT SIDE, PERPENDICOLES FOOTING NEAR LEFT END SIDE			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
2:45 pm	26	9	4	7.75	4.70	63	146.24

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd P _c
67561	11/15/17	7	4.00	12.56	87,975	7,000	1	YES
67562	12/06/17	28	4.00	12.56	116,000	9,235	1	YES
67563	12/06/17	28	4.00	12.56	128,270	10,210	1	YES
67564	12/06/17	28	4.00	12.56	121,840	9,700	1	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

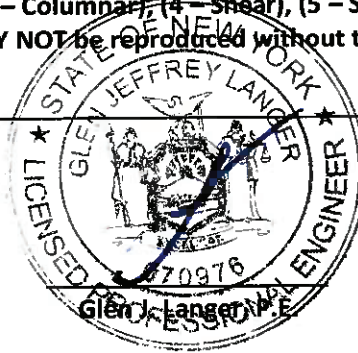
Remarks: _____

MIGUEL TORRES / ACI #01148650

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



12/06/17

Date

S&S CONCRETE & SOIL TESTING

20-39 129TH STREET, COLLEGE POINT, NEW YORK 11356

PHONE: (718) 961-1000 FAX: (718) 961-1002

Email: SSC2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE FIELD TEST REPORT – ASTM C39

DATE CAST: 11/17/17		DATE RECEIVED: 11/18/17	
CLIENT: DOMENIC ACQUISTA		REPORT NO: SSC-31-06	
PROJECT: 31-25 20TH AVENUE, QUEENS		JOB NO: 31-10-17	
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 49	
CLASS / DESIGN: 4000 PSI		WEATHER: 49 °F	
TR3 ON SITE: ☒ YES ☐ NO		CURING BOX: ☒ YES ☐ NO	
BATCH TICKET: ☒ YES ☐ NO		PAGE: 1 OF 1	
BATCH PLANT INSPECTION: ☐ YES ☒ NO		CONCRETE SUPPLIER: BEST CONCRETE	
PLACEMENT LOCATION: BASEMENT FOOTING, ELEVATOR SHAFT/BACK-LEFT (NW)			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT ³)
8:40 am	24	20	4	5.50	4.70	58	150.60

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in ²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
69833	11/24/17	7	4.00	12.56	89,330	7,110	1	YES
69834	12/15/17	28	4.00	12.56	131,920	10,495	3	YES
69835	12/15/17	28	4.00	12.56	121,130	8,925	3	YES
69836	12/15/17	28	4.00	12.56	110,225	8,770	3	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar, 4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

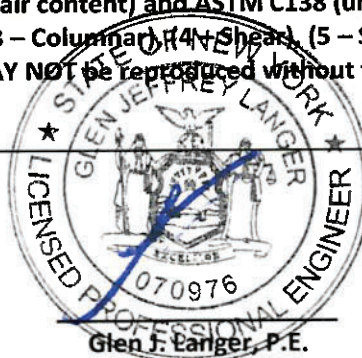
Remarks: _____

ANTHONY WANG / ACI #01320047

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



12/15/17

Date

S&S CONCRETE & SOIL TESTING

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CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA		DATE CAST: 11/22/17	DATE RECEIVED: 11/23/17
PROJECT: 31-25 20TH AVENUE, QUEENS		REPORT NO: SSC-31-07	JOB NO: 31-10-17
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 11	WEATHER: 55 °F
CLASS / DESIGN: 4000 PSI		CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
TR3 ON SITE: ☒ YES ☐ NO		CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKET: ☒ YES ☐ NO		BATCH PLANT INSPECTION: ☐ YES ☒ NO	
PLACEMENT LOCATION: SHORT F/W SECTION ALONG FRONT INCLUDING ELEVATOR WALLS SIDE			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
11:20 am	36	11	4	7.00	5.70	67	144.28

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
67597	11/29/17	7	4.00	12.56	78,810	6,270	1	YES
67598	12/19/17	28	4.00	12.56	107,550	8,560	3	YES
67599	12/19/17	28	4.00	12.56	110,080	8,760	3	YES
67600	12/19/17	28	4.00	12.56	115,150	9,165	1	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

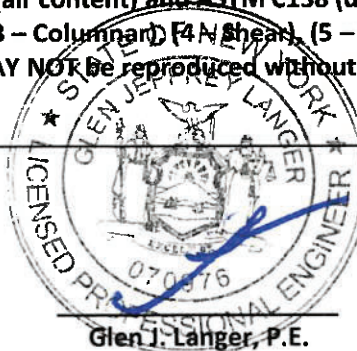
Remarks: _____

MIGUEL TORRES / ACI #01148650

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



12/19/17
Date

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CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA		DATE CAST: 04/11/18	DATE RECEIVED: 04/12/18
PROJECT: 31-25 20TH AVENUE, QUEENS		REPORT NO: SSC-31-08A	JOB NO: 31-10-17
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 189	WEATHER: 43 °F
CLASS / DESIGN: 4000 PSI		CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 2
TR3 ON SITE: ☒ YES ☐ NO		CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKET: ☒ YES ☐ NO		BATCH PLANT INSPECTION: ☐ YES ☒ NO	

PLACEMENT LOCATION: FIRST FLOOR SLAB

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
8:15 am	34	11	4	8.00	7.00	65	141.80
9:00 am	63	11	4	8.00	6.80	64	142.60

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
76421	04/18/18	7	4.00	12.56	63,230	5,030	1	YES
76422	05/09/18	28	4.00	12.56	96,450	7,675	4	YES
76423	05/09/18	28	4.00	12.56	93,260	7,425	1	YES
76424	05/09/18	28	4.00	12.56	103,900	8,270	1	YES
76425	04/18/18	7	4.00	12.56	62,440	4,970	4	YES
76426	05/09/18	28	4.00	12.56	99,160	7,890	1	YES
76427	05/09/18	28	4.00	12.56	104,960	8,355	1	YES
76428	05/09/18	28	4.00	12.56	103,910	8,270	1	YES

NOTES:

- Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
- Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
- * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
- These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

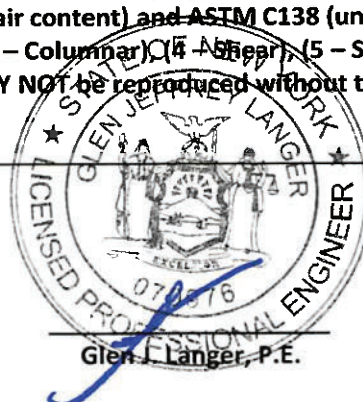
Remarks: _____

EMILO IZZO / ACI #0136836

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



05/09/18

Date

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CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA		DATE CAST: 04/11/18	DATE RECEIVED: 04/12/18
PROJECT: 31-25 20TH AVENUE, QUEENS		REPORT NO: SSC-31-08B	JOB NO: 31-10-17
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 189	WEATHER: 43 °F
CLASS / DESIGN: 4000 PSI		CURING BOX: ☒ YES ☐ NO	PAGE: 2 OF 2
TR3 ON SITE: ☒ YES ☐ NO		CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKET: ☒ YES ☐ NO		BATCH PLANT INSPECTION: ☐ YES ☒ NO	
PLACEMENT LOCATION: FIRST FLOOR SLAB			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
10:15 am	24	11	4	8.00	6.60	66	141.68
11:15 am	36	11	4	8.00	6.80	65	142.72

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
76429	04/18/18	7	4.00	12.56	48,440	3,855	4	YES
76430	05/09/18	28	4.00	12.56	92,250	7,340	4	YES
76431	05/09/18	28	4.00	12.56	92,410	7,355	1	YES
76432	05/09/18	28	4.00	12.56	97,570	7,765	1	YES
76433	04/18/18	7	4.00	12.56	58,530	4,660	1	YES
76434	05/09/18	28	4.00	12.56	100,330	7,985	3	YES
76435	05/09/18	28	4.00	12.56	93,340	7,430	4	YES
76436	05/09/18	28	4.00	12.56	93,420	7,435	2	YES

NOTES:

- Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
- Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
- * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
- These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

Remarks: _____

EMILO IZZO / ACI #0136836

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



05/09/18

Date

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CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA		DATE CAST: 09/04/18	DATE RECEIVED: 09/05/18
PROJECT: 31-25 20TH AVENUE, QUEENS		REPORT NO: SSC-31-09	JOB NO: 31-10-17
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 76	WEATHER: 80 °F
CLASS / DESIGN: 4000 PSI		CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
TR3 ON SITE: ☒ YES ☐ NO		CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKET: ☒ YES ☐ NO		BATCH PLANT INSPECTION: ☐ YES ☒ NO	
PLACEMENT LOCATION: 2ND FLOOR SLAB			

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
8:15 am	24	11	4	7.25	5.80	86	144.16
9:51 am	24	11	4	7.50	5.80	86	143.96

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
84457	09/11/18	7	4.00	12.56	60,520	4,815	4	YES
84458	10/02/18	28	4.00	12.56	74,820	5,955	3	YES
84459	10/02/18	28	4.00	12.56	73,060	5,815	4	YES
84460	10/02/18	28	4.00	12.56	71,750	5,710	4	YES
84461	09/11/18	7	4.00	12.56	63,170	5,025	1	YES
84462	10/02/18	28	4.00	12.56	73,940	5,885	4	YES
84463	10/02/18	28	4.00	12.56	77,400	6,160	4	YES
84464	10/02/18	28	4.00	12.56	76,340	6,075	4	YES

NOTES:

- Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
- Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
- * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
- These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

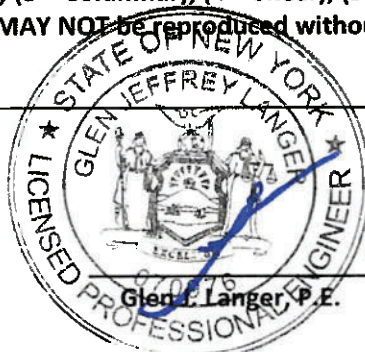
Remarks: _____

ENDI DEDUSHAJ / ACI #01261076

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



10/02/18

Date

S&S CONCRETE & SOIL TESTING

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CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA		DATE CAST: 10/22/18	DATE RECEIVED: 10/23/18
PROJECT: 31-25 20TH AVENUE, QUEENS		REPORT NO: SSC-31-10	JOB NO: 31-10-17
CONTRACTOR: VARDO		TOTAL CUBIC YARDS: 44	WEATHER: 45 °F
CLASS / DESIGN: 4000 PSI		CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
TR3 ON SITE: ☒ YES ☐ NO		CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKET: ☒ YES ☐ NO		BATCH PLANT INSPECTION: ☐ YES ☒ NO	

PLACEMENT LOCATION: 3TH FLOOR SLAB

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
1:43 pm	20	11	4	7.00	4.20	58	147.76

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
85885	10/29/18	7	4.00	12.56	85,720	6,820	1	YES
85886	11/19/18	28	4.00	12.56	132,220	10,525	1	YES
85887	11/19/18	28	4.00	12.56	125,160	9,960	1	YES
85888	11/19/18	28	4.00	12.56	126,860	10,100	1	YES

NOTES:

- Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
- Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
- * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
- These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

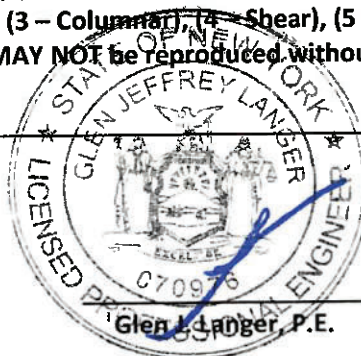
Remarks: _____

ENDI DEDUSHAJ / ACI #01261076

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



11/19/18

Date

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CONCRETE FIELD TEST REPORT – ASTM C39

CLIENT: DOMENIC ACQUISTA		DATE CAST: 11/27/18	DATE RECEIVED: 11/28/18
PROJECT: 31-25 20TH AVENUE, QUEENS		REPORT NO: SSC-31-11	JOB NO: 31-10-17
CONTRACTOR: VARDIO		TOTAL CUBIC YARDS: 44	WEATHER: 40 °F
CLASS / DESIGN: 4000 PSI		CURING BOX: ☒ YES ☐ NO	PAGE: 1 OF 1
TR3 ON SITE: ☒ YES ☐ NO		CONCRETE SUPPLIER: BEST CONCRETE	
BATCH TICKECT: ☒ YES ☐ NO		BATCH PLANT INSPECTION: ☐ YES ☒ NO	

PLACEMENT LOCATION: 4TH FLOOR SLAB

TIME SAMPLED	TRUCK / TICKET NO:	YARDS PLACED	CYLINDERS MOLDED	SLUMP (IN.)	AIR CONTENT BY VOL. (%)	CONCRETE TEMP. (°F)	DENSITY (LB/FT³)
8:49 am	22	10	4	8.00	4.10	50	144.60

COMPRESSIVE STRENGTH TEST RESULTS

Cylinder No.	Test Date	Age (days)	Dia. (in)	Area (in²)	Maximum Load (lb)	Compressive Strength (psi)	*Type of Fracture	Attain Req'd f'c
86689	12/04/18	7	4.00	12.56	59,320	4,720	1	YES
86690	12/25/18	28	4.00	12.56	129,280	10,290	1	YES
86691	12/25/18	28	4.00	12.56	130,250	10,370	1	YES
86692	12/25/18	28	4.00	12.56	128,910	10,260	1	YES

NOTES:

1. Cylinders molded and cured according to ASTM C31, prepared per ASTM ☐ C617 or ☒ C1231, and tested according to ASTM C39. Nominal cylinder 4" x 8" within ASTM tolerances.
2. Field tests performed according to ASTM C172 (sampling), ASTM C1064, (concrete temp.), ASTM C143 (slump), ASTM ☐ C173 (LW) or ☒ C231 (PUMP) (air content) and ASTM C138 (unit weight).
3. * Type of Fracture (1 – Cone), (2 – Cone & Split), (3 – Columnar), (4 – Shear), (5 – Side Fracture).
4. These results are for only the items tested and MAY NOT be reproduced without the consent of the agency.

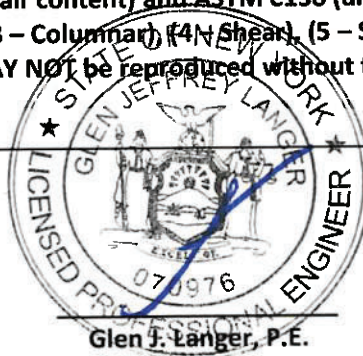
Remarks: _____

ENDI DEDUSHAJ / ACI #01261076

Field Technician – Level / Certification No.

Jorge Lopez / ACI # 01208239

Lab Technician – Level / Certification No.



11/19/18

Date