



New York City Transit

Department of Capital Program Management
OUTSIDE PROJECTS
2 Broadway - 7th Floor, New York, NY 10004

DATE: Sept. 26, 2017

BUILDING DEPARTMENT APPLICATION NO.: SBS #20173379

BOROUGH OF: Manhattan

TO: BOROUGH COMMISSIONER/SUPERINTENDENT/DIRECTOR, DEPARTMENT OF BUILDINGS

- MANHATTAN: Mr. Martin Rebholz, R.A., 280 Broadway-3d Fl, New York, NY 10007
- BROOKLYN: Mr. Ira Gluckman, R.A., 210 Joralemon Street, 8th Fl, Brooklyn, NY 11201-3715
- QUEENS: Mr. Dereck Lee, R.A., 120-55 Queens Blvd., Kew Gardens, NY 11424
- BRONX: Mr. Werner deFoe, R.A., 1932 Arthur Avenue, 5th Fl, Bronx, NY 10457-6306
- STATEN ISLAND: Mr. Ira Gluckman, R.A., 10 Richmond Terrace, Borough Hall, 2nd Floor, SI, NY 10301-1903
- CRANES & DERRICKS: Mr. Ashraf Omran, P.E., Director, 280 Broadway, 5th Fl., New York, NY 10007

RE: LOCATION 591 Main street/ APPLICANT Gregory Leon Biesiadecki, PE
Roosevelt Island Langan Engineering
360 West 31st St., New York,
New York

DWG
NO(S) &
DATE

(TA-01 thru TA-03) dated 9/21/17

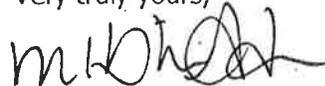
Dear Sir:

The above applicant recently transmitted drawings of proposed construction at the above location for NYC Transit review and approval.

The drawings listed above indicate that this construction will have **No Impact** on NYC Transit facilities. However, NYC Transit review will be required for any revisions to this proposed construction or for the use of cranes for construction in this vicinity.

This letter does not constitute certification by the NYCT pursuant to the Zoning Resolution of the City of New York as to any matter, including, but not limited to matters arising under Section 95-041 thereof.

Very truly yours,


 For R. Udeshi, P.E.
 Principal Engineer

Per: _____

- Applicant _____
- Infrastructure _____
- *T. Jensen, Chief of Bureau Fire Prevention, NYC Fire Department, 9 Metrotech Center - 3rd Fl, Brooklyn, NY 11201
- R. Udeshi _____
- Master File _____
- Owner: _____

* (For Tank Installation Only)



CPM Outside Projects, Division of Engrg Svcs
Mohamed Adam, P.E., Acting Principal Engineer
2 Broadway, NY, NY 10004, 7th Fl.

Office: (646) 252-4992

Fax: (646) 252-4613

2019 FEB 15 PM 3:52

Date: 2/15/2019

Department of Building Application No: _____

OUTSIDE PROJECTS

Crane Number: _____

Borough of Bronx Brooklyn Manhattan Queens Staten Island

Check	Type of Job
<input type="checkbox"/>	Alteration
<input type="checkbox"/>	Borings
<input type="checkbox"/>	Crane
<input type="checkbox"/>	Demolition
<input type="checkbox"/>	De-watering
<input type="checkbox"/>	Hoist
<input type="checkbox"/>	Master Climber
<input type="checkbox"/>	New Building
<input type="checkbox"/>	Sidewalk Bridge
<input type="checkbox"/>	Sidewalk/Vault
<input type="checkbox"/>	Support of Excavation
<input type="checkbox"/>	Gas Station
<input type="checkbox"/>	Gas Tank Removal
<input type="checkbox"/>	Utilities
<input checked="" type="checkbox"/>	Miscellaneous

Project Address: <u>591 Main St</u>
Define Location of Site (corner of cross street or side of street & distance from street corner):
Applicant: <u>Gregory Bicsiadecki</u>
Company Name: <u>Langan</u>
Company Address: <u>21 Penn Plaza 360 W 31st</u> <u>New York, NY 10001</u>
Phone Number: <u>212-479-5400</u>
E-mail:
Owner:

- 1st Submission 2nd Submission 3rd Submission 4th Submission 5th Submission
 6th Submission 7th Submission 8th Submission 9th Submission 10th Submission

Outside Project NYCT Engineer: _____

Remarks:

update design drawings for your information

Please allow three weeks for New York City Transit comments

15 February 2019

Mr. Mohamed Adam, P.E.
MTA – New York City Transit
2 Broadway, 7th Floor, A7.52
New York, NY 10004

**Re: Revised Drawings for Information Purposes
Southpoint Seawall Restoration Project
Block 1373 and Lot 1
South End of Roosevelt Island, New York
Langan Project No.: 100332702**

Dear Mr. Adam:

On behalf of the Roosevelt Island Operating Corporation (RIO), Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting revised seawall restoration drawing package for the referenced site for your information. We initially submitted for the same project in 2017 for your review and previously obtained a "Letter of No Impact" dated 26 September 2017. See attached a copy of the 26 September 2017 letter. We have assumed that No Impact still is valid since the revised restoration is the same if not less impact.

The attached Drawings No. TA-01 through TA-03 dated February 2019 indicate, in plan and section, the limit of the proposed work and the limits of the existing NYCT tunnels, which are constructed deep in bedrock. No drilling or pile installation will be part of the proposed work.

Previously, the project scope consisted of reconstructing approximately 1,800 linear feet of existing seawall at the south end of Roosevelt Island with cast-in-place concrete walls and placing stone rip-rap armoring to protect against scour and erosion. The project scope has been modified to include the repair of 300 linear feet of existing seawalls with cast-in-place concrete walls and replacing the remaining 1,500 linear feet of existing seawalls with a rip-rap revetment.

If you have any questions please do not hesitate to contact our office to discuss.

Sincerely,

**Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.**



Bahadir Eksioglu, P.E.
Senior Project Manager

cc: Gregory L. Biesiadecki
Enclosure(s): TA-01, TA-02, TA-03, relevant TA reference drawings

7TH FLOOR
OUTSIDE PROJECTS/ BRIDGES
FAX (646) 252-4613

Phone Number & Extension: ex. (646) 252 – Ext.

A7.52	Mohamed Adam, P.E. ACTING PRINCIPAL ENGINEER	3640
B7.111	Donna E. Talley	3117
B7.90	Julio Hiraldo (Consultant)	4992
OUTSIDE PROJECTS/STRUCTURES		
B7.85	David Chang	3645
B7.92	Chenthitta Gopalakrishnan (GOPI) (microfilm)	3614
B7.93	Dikki Kaushal	3827
B7.114	Don Weerasekara	3920
B7.81	Fawzi R. Sharobiem	3671
B7.103	Marie Etienne	5665
B7.123	Md (Ahasanul) Hoque	3670
B7.86	Pak Man Wong	3643
B7.80	Walid Bouabid	3657
OUTSIDE PROJECTS (GO/FA)		
B7.145	Lyudmila Bord (Mila)	5447
OUTSIDE PROJECTS (GOVT/BONUS)		
B7.52	Mohamed Adam	3640
B7.94	Alina Avadanei	3641
B7.113	Joelle Lichtman	2957
B7.104	Norman Lindo	3658
B7.82	Tara Walker	4299



New York City Transit

Department of Capital Program Management
OUTSIDE PROJECTS
2 Broadway - 7th Floor, New York, NY 10004

DATE: Sept. 26, 2017

BUILDING DEPARTMENT APPLICATION NO.: SBS #20173379

BOROUGH OF: Manhattan

TO: BOROUGH COMMISSIONER/SUPERINTENDENT/DIRECTOR, DEPARTMENT OF BUILDINGS

- MANHATTAN: Mr. Martin Rebholz, R.A., 280 Broadway-3d Fl, New York, NY 10007
- BROOKLYN: Mr. Ira Gluckman, R.A., 210 Joralemon Street, 8th Fl, Brooklyn, NY 11201-3715
- QUEENS: Mr. Dereck Lee, R.A., 120-55 Queens Blvd., Kew Gardens, NY 11424
- BRONX: Mr. Werner deFoe, RA., 1932 Arthur Avenue, 5th Fl, Bronx, NY 10457-6306
- STATEN ISLAND: Mr. Ira Gluckman, R.A., 10 Richmond Terrace, Borough Hall, 2nd Floor, SI, NY 10301-1903
- CRANES & DERRICKS: Mr. Ashraf Omran, P.E., Director, 280 Broadway, 5th Fl., New York, NY 10007

RE: LOCATION 591 Main street/ APPLICANT Gregory Leon Biesiadecki, PE
Roosevelt Island Langan Engineering
360 West 31st St., New York,
New York

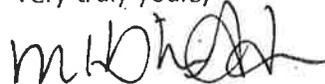
DWG NO(S) & DATE (TA-01 thru TA-03) dated 9/21/17

Dear Sir:

The above applicant recently transmitted drawings of proposed construction at the above location for NYC Transit review and approval.

The drawings listed above indicate that this construction will have **No Impact** on NYC Transit facilities. However, NYC Transit review will be required for any revisions to this proposed construction or for the use of cranes for construction in this vicinity.

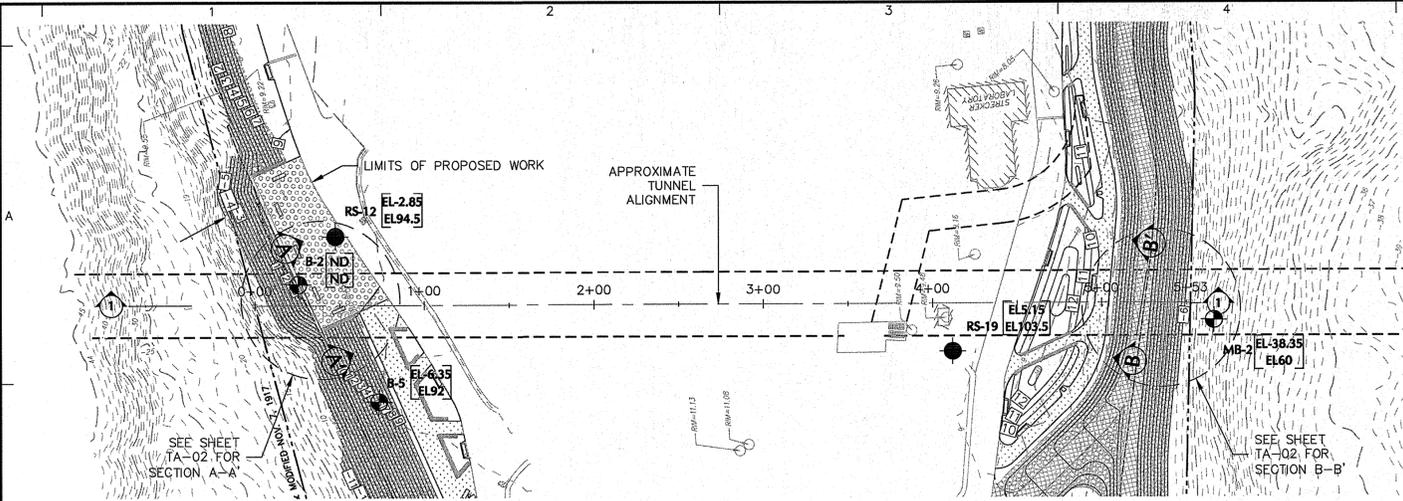
This letter does not constitute certification by the NYCT pursuant to the Zoning Resolution of the City of New York as to any matter, including, but not limited to matters arising under Section 95-041 thereof.

Very truly yours,

 For R. Udeshi, P.E.
 Principal Engineer

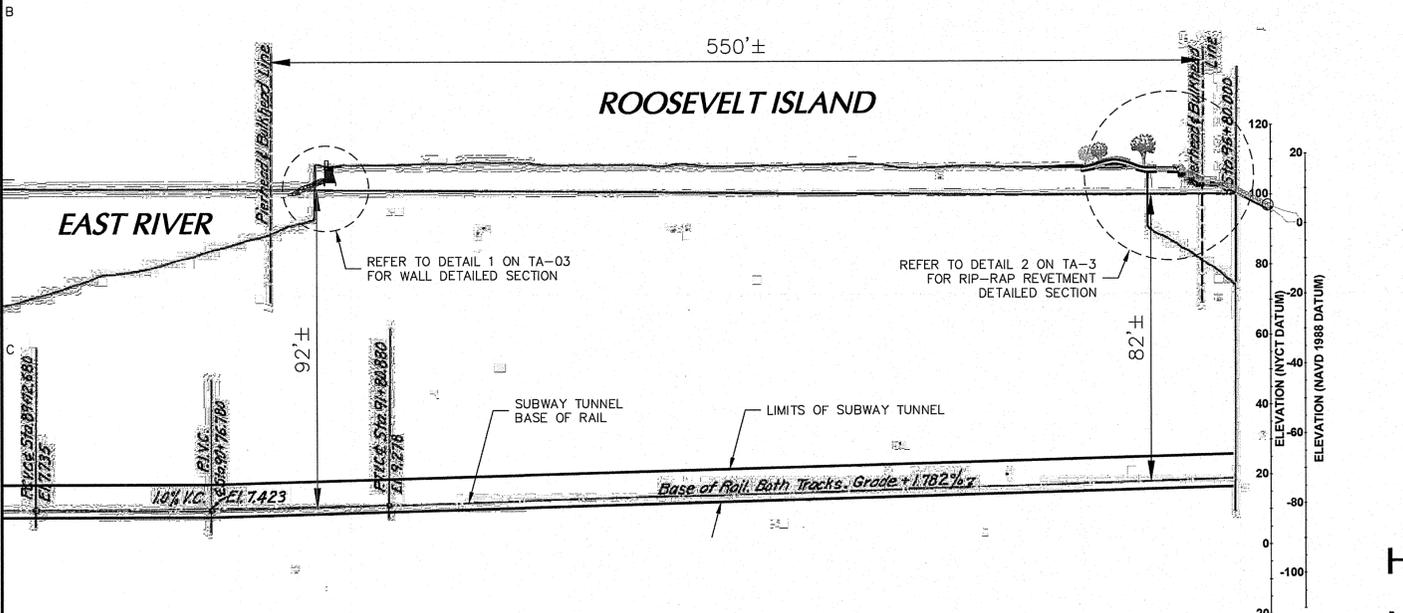
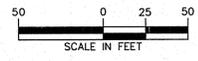
Per: _____

- Applicant
- Infrastructure
- *T. Jensen, Chief of Bureau Fire Prevention, NYC Fire Department, 9 Metrotech Center - 3rd Fl, Brooklyn, NY 11201
- R. Udeshi
- Master File
- Owner: _____

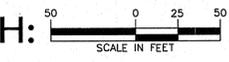
* (For Tank Installation Only)



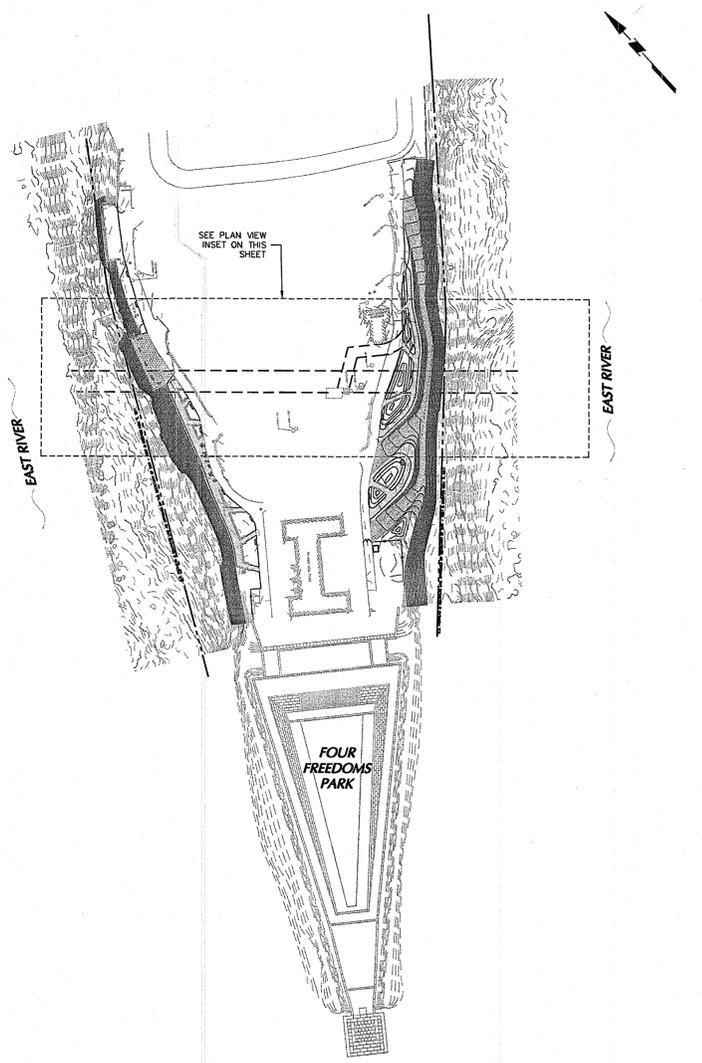
PLAN VIEW



SECTION VIEW 1-1 (FACING NORTH)



V: N.T.S.



LOCATION PLAN



- GENERAL NOTES:**
- PLANIMETRIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE, AND GEOLOGY, D.P.C., DURING JULY 2018; AND HYDROGRAPHIC DATA FROM ROGERS SURVEYING, INC., 6 JULY 2018.
 - LIMITS OF NEW YORK CITY TRANSIT (NYCT) STRUCTURE TAKEN FROM THE FOLLOWING DRAWINGS PREPARED BY THE STATE OF NEW YORK PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT ENGINEERING DEPARTMENT:
 - DRAWING NO. F3, "ROUTE NO. 104 SECTION NO. 3 EAST 53RD ST. & 2ND AVE., MANHATTAN TO WELFARE ISLAND STA. 67+20 TO STA. 86+80 PROFILE OF GRADES & TRACK ALIGNMENT," DATED 21 JUNE 1927.
 - DRAWING NO. 329 FILE NO. 6103, "ROUTE NO. 104 SECTION NO. 3 EAST 53RD ST & 2ND AVE., MANHATTAN TO NOTT AVE. & EAST AVE., QUEENS STA. 67+20 TO STA. 121+45 STRUCTURAL PLAN TYPICAL TUNNEL LINING," DATED 20 MAY 1927.
 - ELEVATIONS IN THE SECTION ARE WITH RESPECT TO THE NEW YORK CITY TRANSIT AUTHORITY DATUM.
 - SUBSURFACE INFORMATION ARE TAKEN FROM 1990 NYCTA BORINGS AND 1993 LANGAN BORINGS.
 - ELEVATIONS ON THE BACKGROUND SURVEY ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88), WHICH IS 98.43 FEET HIGHER THAN THE NEW YORK CITY TRANSIT AUTHORITY DATUM.
 - ELEVATIONS CONVERSION.
EL 100 (NYCT DATUM) = EL 1.56 (NAVD 1988 DATUM)
 - REFER TO DRAWING TA-02 FOR SECTION A-A AND B-B.
 - REFER TO DRAWING TA-03 FOR PROPOSED REPAIR WORK DETAILS.

LEGEND		
●	EL5.15 RS-19 EL103.5	1990 NYCTA BORINGS
●	B-5 EL-6.35 EL92	1993 LANGAN BORINGS
→	EL-6.35	TOP OF ROCK ELEVATION (NAVD 1988)
→	EL92	TOP OF ROCK ELEVATION (NYCTA DATUM)
ND		NOT DETERMINED
⊕	⊕	SECTION VIEW

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
REVISIONS		

	2/15/19 DATE SIGNED
SIGNATURE GREGORY J. STADECKI PROFESSIONAL ENGINEER NY Lic. No. 63718-1	

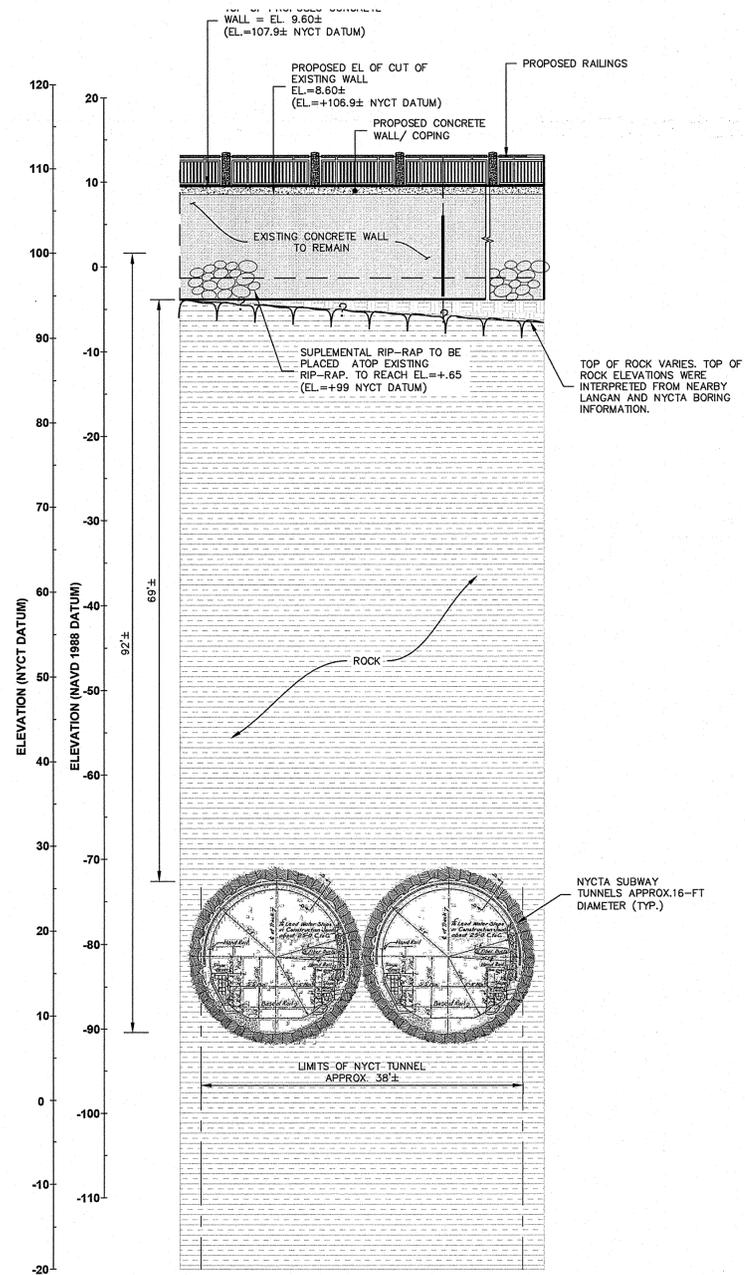
LANGAN
 21 Penn Plaza, 360 West 31st Street, 6th Floor, New York, NY 10001
 T: 212.479.5400 F: 212.479.5444 www.langan.com
 Langan Engineers, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
 Langan Engineers, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
 Langan Engineering and Environmental Services, Inc.
 Langan CT, Inc.
 Langan International LLC
 Collectively known as Langan

Project
SOUTHPOINT OPEN SPACE PARK
 RIP-RAP REVETMENT
 ROOSEVELT ISLAND

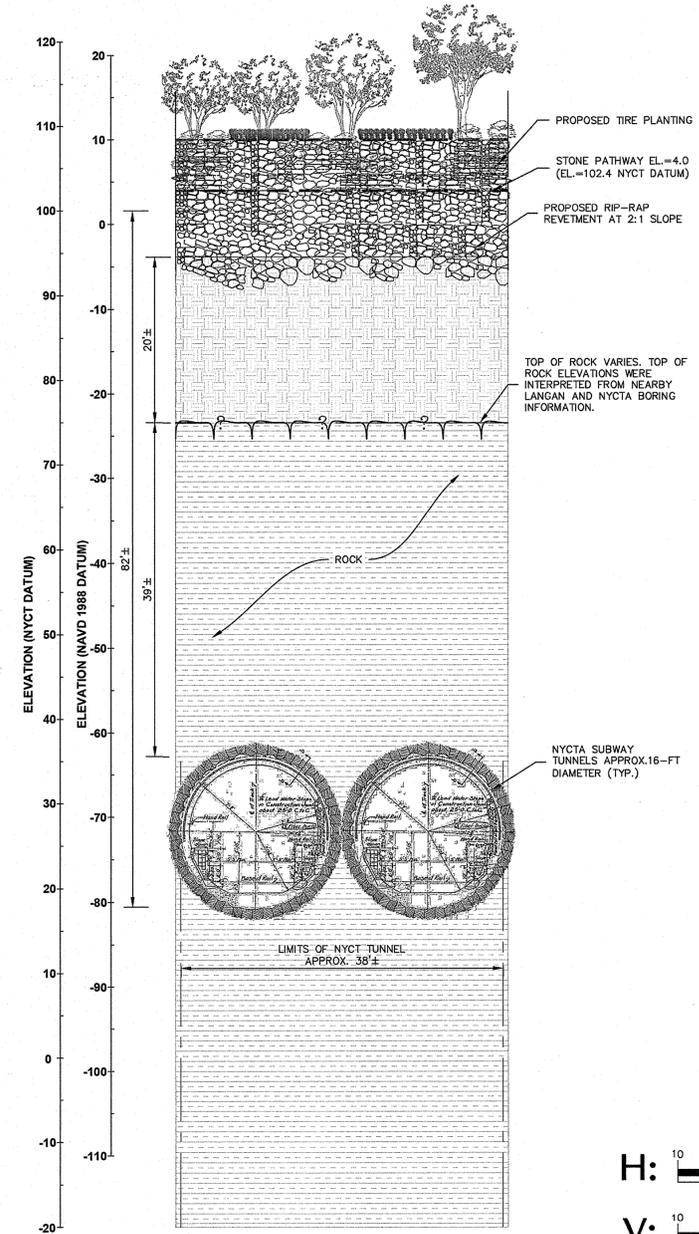
Drawing Title
SEAWALL RESTORATION & RIP-RAP REVETMENT LOCATION PLAN

Project No. 100332702	Drawing No.
Date 2/12/2019	TA-01
Scale AS SHOWN	
Drawn By VP	Checked By BE

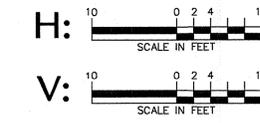
NOTE:
1. REFER TO DRAWING TA-01 FOR PROPOSED SEAWALL AND RIP-RAP REVETMENT LOCATION PLAN AND NOTES.



SECTION A-A (FACING EAST)



SECTION B-B (FACING WEST)



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
REVISIONS		

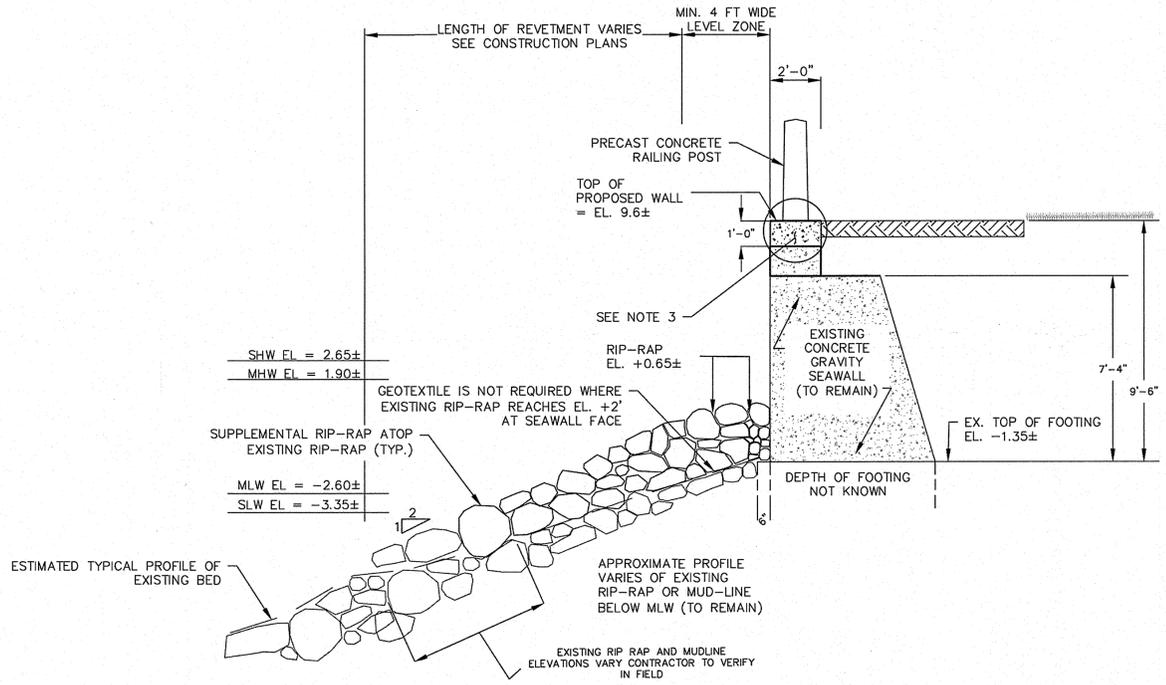

 SIGNATURE: *Gregory Biesiadecki*
 DATE SIGNED: 2/15/19
 GREGORY BIESIADECKI
 PROFESSIONAL ENGINEER NY Lic. No. 63718-1

LANGAN
 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, NY 10001
 T: 212.479.5400 F: 212.479.5444 www.langan.com
 Langan Engineering, Environmental, Surveying and Landscape Architecture, P.C., S.A.
 Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
 Langan U.K. Inc.
 Langan International LLC
 Collectively known as Langan

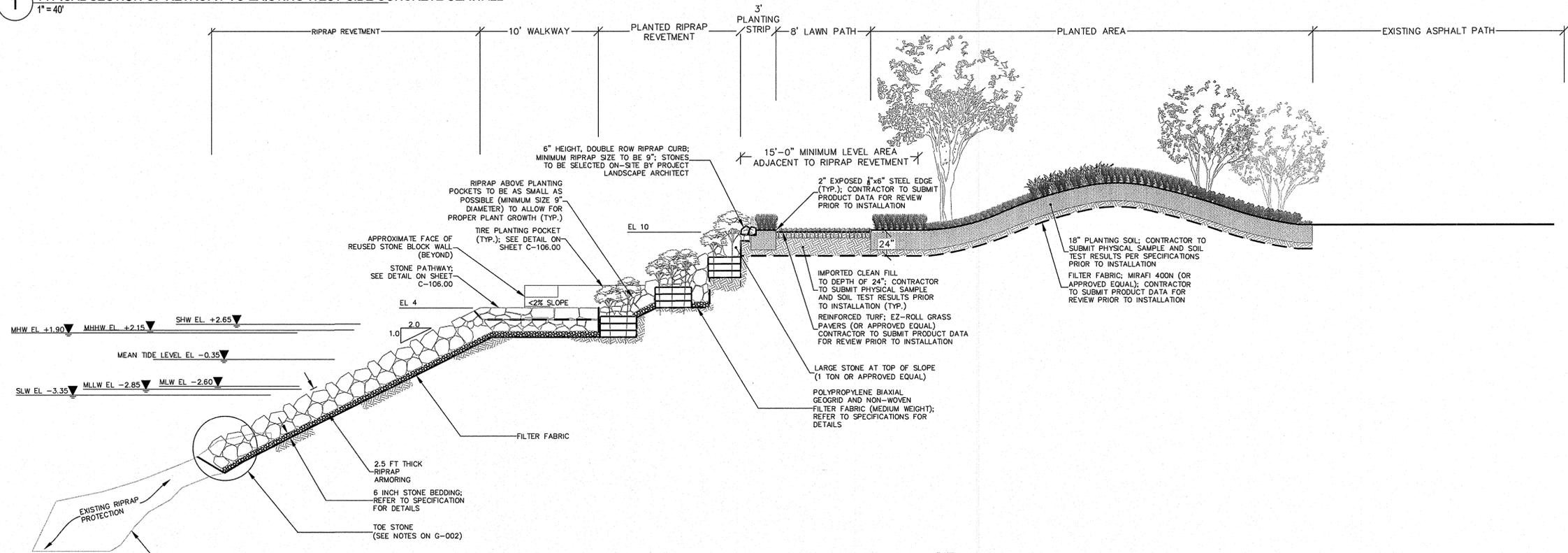
Project
SOUTHPOINT OPEN SPACE PARK
 RIP-RAP REVETMENT
 ROOSEVELT ISLAND NEW YORK

Drawing Title
SUBSURFACE SECTIONS

Project No. 100332702
 Date 2/12/2019
 Scale AS SHOWN
 Drawn By VP
 Checked By BE
 Drawing No. TA-02



1 TYPICAL SECTION OF RETROFIT TO EXISTING WEST-SIDE CONCRETE SEAWALL
1" = 40'



2 TYPICAL RIP-RAP REVETMENT SECTION AT EASTERN SHORELINE TYP.
1" = 60'

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
REVISIONS		

SIGNATURE: *Gregory Biesiadecki*
 DATE SIGNED: 2/15/19
 GREGORY BIESIADECKI
 PROFESSIONAL ENGINEER NY Lic. No. 63718-1

LANGAN
 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, NY 10001
 T: 212.479.5400 F: 212.479.5444 www.langan.com
 Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C., S.A.
 Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
 Langan Engineering and Environmental Services, Inc.
 Langan CE, Inc.
 Langan International LLC
 Globally Known as Langan

Project
SOUTHPOINT OPEN SPACE PARK
 RIP-RAP REVETMENT
 ROOSEVELT ISLAND NEW YORK

Drawing Title
SEAWALL RESTORATION & RIP-RAP REVETMENT SECTION

Project No.
100332702
 Date
2/12/2019
 Scale
AS SHOWN
 Drawn By
VP
 Checked By
BE

Drawing No.
TA-03