



DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER & SEWER OPERATIONS

SITE CONNECTION PROPOSAL FORM
VALID FOR TWO (2) YEARS
[SC M - 560 /13]



A. PROJECT DATA:

Borough of Manhattan Building Dept. No (s) 121 184 841
Tax Block 705 Lot (s) 1 Zoning C6-4 Map No. 8D
Project Location 550 West 34th Street, New York, NY
Applicant Michele O'Connor
Address 21 Penn Plaza 360 W. 31st. Steet, NY, NY Zip 10001 Phone (212) 479-5400
Owner One Hudson Yards Owner LLC
Address 60 Columbus Circle (18th Fl.), NY, NY Zip 10023 Phone (718) 801-1047

B. PROJECT USE:

TYPE: ☐ 1, 2, 3, Family ☐ Multiple Dwelling ☒ Commercial Business Offices
Number of Buildings 1 Total Number of Dwelling Units N/A
Ownership: ☒ Fee Simple ☐ Condominium ☐ Home Owner Association ☐ Other.....

C. SITE CONNECTIONS REQUESTED:

Total Developed Site Storm Flow 5.14 cfs
Allow. Storm Flow to the Sewers 0.33 cfs
☒ Detention ☐ Retention 3.3

	Sanitary	Storm	Comb.	Drywells
No. Requested	-	-	1	xxxxxxx
Size	-	-	16-in	xxxxxxx
Material (s)	-	-	DIP	xxxxxxx
Total Q (s)	0.68	0.27	0.95	N/A

Note: The property owner is responsible for plugging all inactive pre-existing sewer connections

D. CONNECTION INFO:

- ☐ Connection to exist:
☐ Spur ☐ Riser ☐ Curb Connection
- ☐ Proposed New Riser
- ☐ Fold Spar in
- ☐ Drill in
- ☒ M.H. Conn. ☐ Exist. ☒ Prop.
- ☐ Reuse Plugged Connections

E. PRIVATE SEWER/DRAIN DATA:

- P.D. Plan No. N/A Date Approved N/A Expiration Date N/A
 - Date Construction Permit Was Issued N/A
 - Date Sewer Was Accepted By DEP N/A
 - Sanitary Discharge Tributary to: North River Wastewater Treatment Plant ☒
Location
- Private Sewage Treatment Plant ☐ No ☐ Yes N/A
Private Pumping Station ☐ No ☐ Yes N/A
Private Sewer ☐ No ☐ Yes N/A

F. LOCATION PLAN: ☐ As Shown Below ☒ See Attached Location Plan Attachment "F" (8 1/2 x 14 Size)

Storm flow of 5.14 cfs will be restricted to 0.27 cfs by means of detention facilities and controlled flow devices.

G. SUPPORT DOCUMENTS:

- *1. Site Plan – 6 copies with hydraulic calculations X
- *2. Survey – 3 copies with watercourse note X
- *3. Tentative Lot Number Request Form – Attached Not Applicable X
- **4. Owner's Consent for STP/PS Connection – Attached Not Applicable X
5. Department of Health Approval – Attached Not Applicable X
6. Department of Buildings Amendment – Attached Not Applicable X
- ***7. Condo/HOA Prospectus or Affidavit – Attached Not Applicable X
8. Industrial Waste Approval – Attached Not Applicable X
9. Associated Mapping/Demapping Action – Attached Not Applicable X
10. Builders Pavement Plan – Attached Not Applicable X
11. Boring Logs – Attached Not Applicable X
12. Other (Specify) TAX MAP, ZONING MAP, DEP ADP, INDEX MAP, AMTRAK PLAN, CONSTRAINTS PLAN. Attached N/A

- * Requires PE/RA Stamp and Original Signature (L.S. for Survey)
 ** Must Be Notarized and have Corporate Seal
 *** Must be Notarized

SEWER INFORMATION CERTIFIED BY DEP

- | | | <u>PUBLIC</u> | <u>PRIVATE</u> |
|--|--|---|-----------------------------|
| 1. There <u>(is)</u> (is not) a sanitary sewer fronting the property available for connections. | SIZE <u> </u> | <u> </u> | <u> </u> |
| 2. There <u>(is)</u> (is not) a storm sewer fronting the property available for connections. | SIZE <u> </u> | <u> </u> | <u> </u> |
| 3. There <u>(is)</u> (is not) a combined sewer fronting the property available for connections. | SIZE <u>3'-6" x 3'-6"</u> | <u>X</u> | <u> </u> |
| 4. Sanitary discharge tributary to: | | | |
| City Treatment Plant - | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES | <u>North River WPP</u> |
| Private Sewage Treatment Plant - | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES | <u> </u> |
| Private Pumping Station - | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES | <u> </u> |
| 5. Distance to, and location of nearest allowable drainage plan sewer: | | | |
| a) Sanitary Outlet | <u>NIA</u> | | |
| b) Storm Outlet | <u>NIA</u> | | |
| c) Combined Outlet | <u>NIA</u> | | |

CERTIFICATION, RESTRICTIONS, SPECIAL CONDITIONS:

No sewer connections permit will be issued until the Building Department or applicable authority certifies that the storm flow detention facilities have been satisfactorily built.

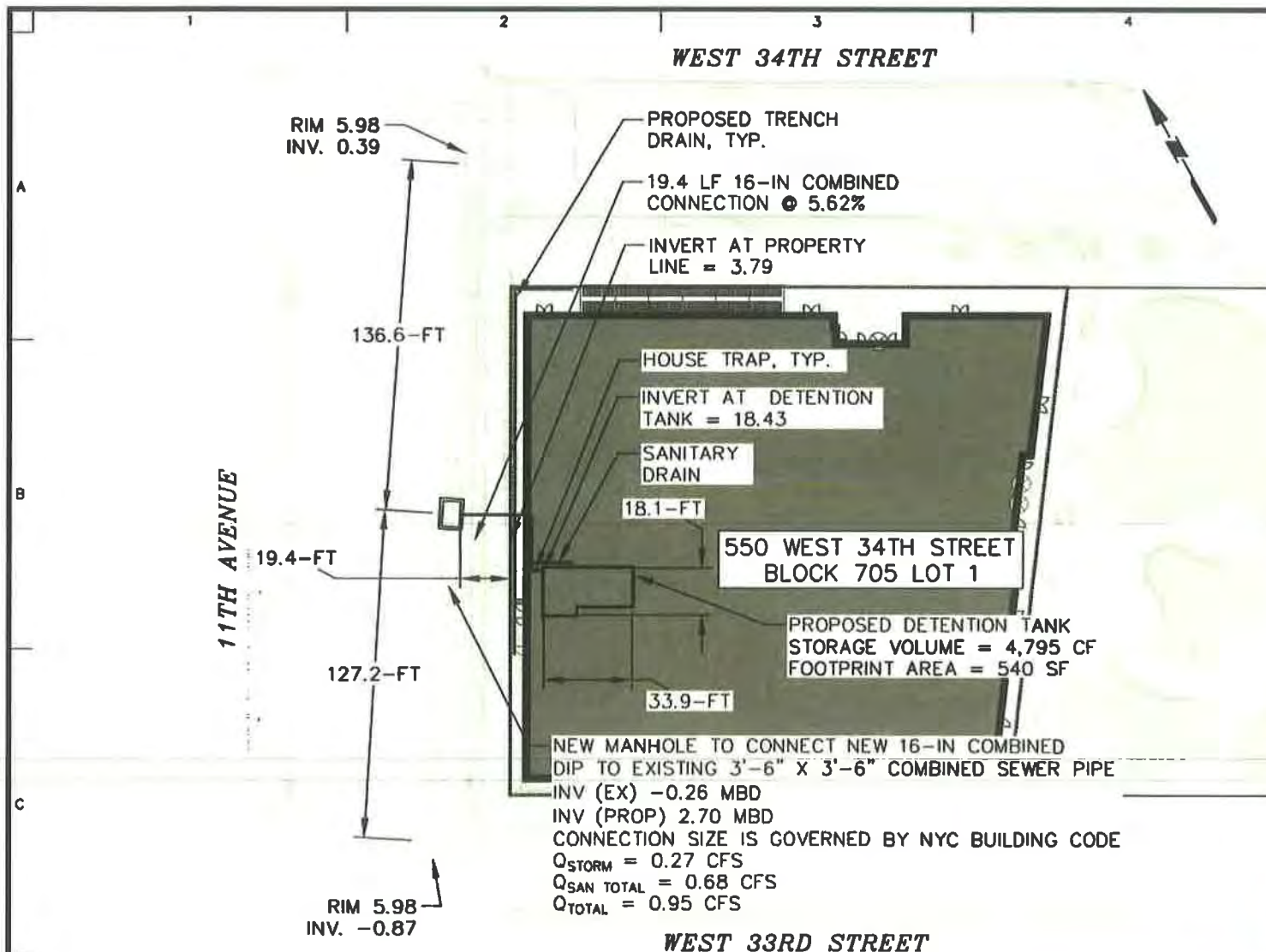


No Sewer Connection Permits Will Be Issued Until Local Law 103/89 Requirements Are Met To The Satisfaction Of The Department of Buildings.

THIS CERTIFICATION IS VALID FOR TWO (2) YEARS ONLY

ADDITIONAL INFORMATION, COMMENTS BY DEP OFFICE:

1. Topo Map No. Watercourse shown: ☐ YES ☐ NO
2. Comments:



SITE INFORMATION
 ADDRESS: 550 WEST 34TH STREET, NEW YORK, NY
 BLOCK: 705
 LOT(S): 1
 ZONING: C6-4
GENERAL NOTES

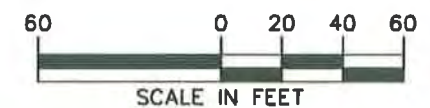
- EXISTING TOPOGRAPHIC AND BOUNDARY INFORMATION SHOWN HEREIN IS A RESULT OF AN ACTUAL FIELD SURVEY PERFORMED BY FEHRINGER, P.C.
- ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE BOROUGH OF MANHATTAN HIGHWAY DATUM, WHICH IS 2.75 FEET ABOVE MEAN SEA LEVEL AT SANDY HOOK, NEW JERSEY, AS ESTABLISHED BY THE U.S. COAST AND GEODETIC SURVEY.
- SEWER SERVICE CONNECTIONS TO NYC DEP SEWERS SHALL BE DUCTILE IRON PIPE. NO SUBSTITUTIONS ALLOWED.
- ALL SEWER WORK SHOWN ON THIS PLAN SHALL BE IN CONFORMANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION.

CONNECTION NOTES
 DEVELOPED SITE STORM FLOW OF 5.14-CFS WILL BE RESTRICTED TO 0.27-CFS BY MEANS OF DETENTION FACILITIES AND CONTROLLED FLOW DEVICES.

BUREAU OF WATER & SEWER OPERATIONS
 DIVISION OF REVIEW & CONSTRUCTION COMPLIANCE
SEWER INFORMATION CERTIFIED
 10/17/14
 DATE
 DRAINAGE REVIEW SECTION
 THIS CERTIFICATION IS VALID FOR TWO (2) YEARS ONLY



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.



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. Langan Engineering and Environmental Services, Inc. Langan International LLC Collectively known as Langan	Project	Drawing Title	Project No.	Drawing No.
	550 WEST 34TH STREET BLOCK No. 705, LOT No. 1 NEW YORK NEW YORK	SITE CONNECTION PROPOSAL NYC DOB # 121 184 841	170256701 Date 11/08/13 Scale 1" = 60' Drawn By JT Submission Date 11/10/2014	F Sheet 1 of 1

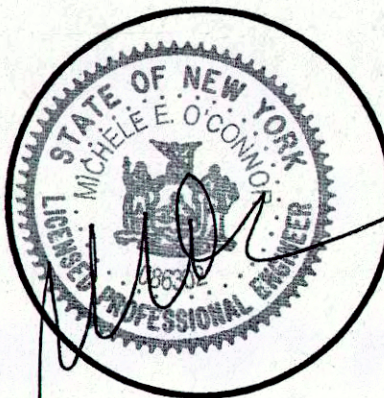
LEGEND
ABBREVIATIONS

B.S.	BLUE STONE
B.S.C., B.S.W.	BLUE STONE CURB, BLUE STONE WALK
BK., BRK.	BRICK
BLDG. LINE	BUILDING LINE
BLT.	BUILT
CH.	CHAMBER
CL.	CLASS
COMB. SWR.	COMBINED SEWER
CONC.	CONCRETE
C.C., C.W.	CONCRETE CURB, CONCRETE WALK
DIA.	DIAMETER
D.B.	DOUBLE BARREL
D.C.	DROPPED CURB
D.I.P.	DUCTILE IRON PIPE
EXIST.	EXISTING
E.S.V.P.	EXTRA STRENGTH VITRIFIED PIPE
F.A.	FIRE ALARM
F.D.	FIRE DEPARTMENT
F.F.EL.	FIRST FLOOR ELEVATION
F.T.R.C.	FLAT TOP REINFORCED CONCRETE
GR. BLOCK	GRANITE BLOCK
GR. RD. C.	GRANITE ROUND CURB
INT. SWR.	INTERCEPTING SEWER
INV.	INVERT ELEVATION
M.H.	MANHOLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
N/F	NOW OR FORMERLY
ORF	ORIFICE
OVR	OVERFLOW ORIFICE
P.R.C.P.	PRECAST REINFORCED CONCRETE PIPE
R.	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
SAN. SWR.	SANITARY SEWER
STD. C.I.	STANDARD CAST IRON
STM. SWR.	STORM SEWER

NOTES

- EXISTING TOPOGRAPHY AND BOUNDARY INFORMATION SHOWN HEREIN IS A RESULT OF AN ACTUAL FIELD SURVEY PERFORMED BY FEHRINGER SURVEYING, P.C.
- ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE MANHATTAN BOROUGH DATUM, WHICH IS 2.750 FEET ABOVE MEAN SEA LEVEL AT SANDY HOOK, NEW JERSEY, AS ESTABLISHED BY THE U.S. COAST AND GEODETIC SURVEY.
- ALL PIPE MATERIALS SHALL BE AS SPECIFIED; NO SUBSTITUTION OF MATERIALS IS PERMITTED.
- ALL CONSTRUCTION IS TO BE PERFORMED IN ACCORDANCE WITH NYC DEP STANDARD SPECIFICATIONS AND DETAILS.
- CONTRACTOR TO OBTAIN NECESSARY NYC DOT AND NYC DOB WORK PERMITS (SIDEWALK CLOSURES, PEDESTRIAN TRAFFIC, STREET OPENINGS, ETC.) TO EXECUTE WORK IN ACCORDANCE WITH NYC DOT REQUIREMENTS AND STANDARDS.
- THE APPROVAL OF THIS SITE CONNECTION PROPOSAL IS NOT AN APPROVAL OF THE STRUCTURAL DESIGN OF THE PROPOSED DETENTION TANK. STRUCTURAL ANALYSIS OF THE PROPOSED DETENTION TANK TO BE INCLUDED IN BUILDING'S STRUCTURAL DESIGN PLANS TO BE REVIEWED AND APPROVED BY THE NEW YORK CITY DEPARTMENT OF BUILDINGS.

I, MICHELE O'CONNOR, A LICENSED PROFESSIONAL ENGINEER (NUMBER 086302) IN THE STATE OF NEW YORK, DO HEREBY CERTIFY THAT THE OFFICE WORK REQUIRED IN AND SHOWN ON THIS PLAN WAS DONE BY ME OR UNDER MY DIRECT SUPERVISION AND NO PART OF SAID WORK WAS DONE BY ANY EMPLOYEE OF THE CITY OF NEW YORK.



NYS LICENSED PROFESSIONAL ENGINEER
NAME: MICHELE O'CONNOR
TELEPHONE NUMBER: 212-479-5400



DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER AND SEWER OPERATIONS
SITE PLAN - SITE CONNECTION PROPOSAL

SCM - 560/13

DOB 121 184 841

PROJECT INFORMATION

BOROUGH: MANHATTAN
ADDRESS: 550 WEST 34TH STREET
BLOCK: 705
PRESENT LOTS: 1
TENTATIVE LOTS: N/A
EXISTING ZONING: C6-4
PROPOSED ZONING: N/A
DEVELOPMENT TYPE: COMMERCIAL
OWNERSHIP TYPE: FEE SIMPLE
STORM FLOW DETENTION NOTES (IF APPLICABLE):
DEVELOPED SITE STORM FLOW OF 5.14-CFS
WILL BE RESTRICTED TO 0.27-CFS BY MEANS OF
DETENTION FACILITIES AND CONTROLLED FLOW DEVICES

SANITARY FLOW:
TOTAL Q(san) = 0.68-CFS
NAME OF CITY TREATMENT PLANT: NORTH RIVER
DATUM: MANHATTAN DATUM: 2.750 ABOVE MEAN SEA
LEVEL AT SANDY HOOK, NEW JERSEY AS ESTABLISHED BY THE USCGS.
OWNER'S NAME AND ADDRESS:
ONE HUDSON YARDS OWNER LLC
60 COLUMBUS CIRCLE (18TH FLOOR)
NEW YORK, NY 10023

APPLICANT INFORMATION

NAME: MICHELE O'CONNOR, PE
FIRM/ORGANIZATION: LANGAN
ADDRESS: 21 PENN PLAZA
360 WEST 31ST STREET - 8th FLOOR
NEW YORK, NY 10001-2727
TELEPHONE: 212-479-5400

REVISIONS

6TH SUBMISSION	
5TH SUBMISSION	11-10-2014
4TH SUBMISSION	09-02-14
3RD SUBMISSION	05-23-14
2ND SUBMISSION	04-11-14
1ST SUBMISSION	11-08-13

CERTIFICATION BOX
(dep use only)



THIS CERTIFICATION IS VALID FOR TWO (2) YEARS ONLY