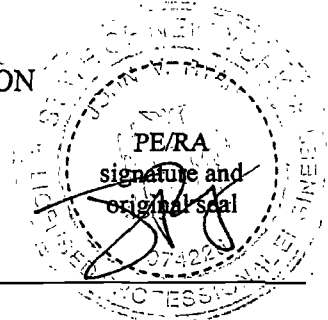




DEPAR' CTION
BUREAU OF WATER & SEWER OPERATIONS

SITE CONNECTION PROPOSAL FORM
VALID FOR TWO (2) YEARS
[SCK - 888 / 15]



A. PROJECT DATA:

Borough of BROOKLYN Building Dept. No (s) 321084526
Tax Block 4819 Lot (s) 39 Zoning R6 Map No. 17B
Project Location 664 NEW YORK AVENUE, BROOKLYN NY, 11203
Applicant ENGINEERING SOLUTIONS - JOHN RYAN
Address 150 WEST 30TH STREET, #402 NY, NY Zip 10001 Phone (212) 840-1030
Owner BARRY FARKAS
Address 5314 16TH AVENUE, STE 287 BROOKLYN, NY Zip 11204 Phone (718) 382-8600

B. PROJECT USE:

TYPE: ☐ 1, 2, 3, Family ☒ Multiple Dwelling ☐ Commercial
Number of Buildings 1 Total Number of Dwelling Units 36
Ownership: ☒ Fee Simple ☐ Condominium ☐ Home Owner Association ☐ Other.....

C. SITE CONNECTIONS REQUESTED:

Total Developed Site Storm Flow 1.05 cfs
Allow. Storm Flow to the Sewers 0.49 cfs
☒ Detention ☐ Retention

	Sanitary	Storm	Comb.	Drywells
No. Requested	<u>1</u>	<u>1</u>	<u>1</u>	<u>XXXXXX</u>
Size	<u>6"</u>	<u>6"</u>	<u>6"</u>	<u>XXXXXX</u>
Material (s)	<u>XHCi</u>	<u>XHCi</u>	<u>XHCi</u>	<u>XXXXXX</u>
Total Q (s)	<u>0.041</u>	<u>0.143</u>	<u>0.184</u>	<u>XXXXXX</u>

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 Spur 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:

	No	Yes	Location
Private Sewage Treatment Plant	☒	☐	<u> </u>
Private Pumping Station	☒	☐	<u> </u>
Private Sewer	☒	☐	<u> </u>

F. LOCATION PLAN:

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

G. SUPPORT DOCUMENTS:

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

* Requires PE/RA Stamp and Original Signature (L.S. for Survey)

** Must Be Notarized and have Corporate Seal

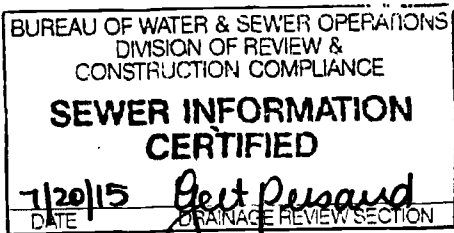
*** Must be Notarized

SEWER INFORMATION CERTIFIED BY DEP

			<u>PUBLIC</u>	<u>PRIVATE</u>
1. There (is not) (is) a sanitary sewer fronting the property available for connections.	SIZE			
2. There (is not) (is) a storm sewer fronting the property available for connections.	SIZE			
3. There (is) (is not) a combined sewer fronting the property available for connections.	SIZE	12"	X	
4. Sanitary discharge tributary to:				
City Treatment Plant -	☐ NO	☒ YES	<u>Location</u> Coney Island	
Private Sewage Treatment Plant -	☒ NO	☐ YES		
Private Pumping Station -	☒ NO	☐ YES		
5. Distance to, and location of nearest allowable drainage plan sewer:				
a) Sanitary Outlet	N/A			
b) Storm Outlet	N/A			
c) Combined Outlet	N/A			

CERTIFICATION, RESTRICTIONS, SPECIAL CONDITIONS:

- No connection permit issued until DOB certifies the detention/retention satisfactorily installed.



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:

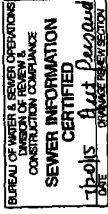
- Topo Map No. _____ Watercourse shown: ☐ YES ☐ NO
- Comments:



engineering
solutions

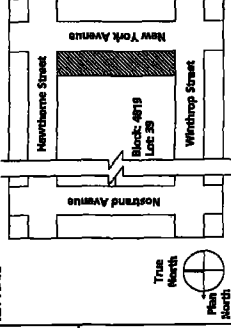
150 West 30th Street
Suite 402
New York, NY 10001
212.640.1690

SCK-888/15



This certification
is valid for two
(2) years only

KEY PLAN



THIS PLAN IS APPROVED FOR WORK INDICATED ON THE
APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS
SHOWN ARE NOT TO BE RELIED UPON TO BE CONSIDERED AS
PART OF THIS PLAN. THIS PLAN IS APPROVED IN ACCORDANCE WITH
APPLICABLE CODES.

REV.	DATE	ISSUE
1	2015-05-27	ISSUED FOR DEP FILING

PROJECT:
**664 New York Ave
Brooklyn, 11203**

DRAWING TITLE

**Site Connection Plan &
Details**

DRAWING NUMBER

SD-1

SHEET:

1 of 2

SCALE

3/32" = 1'-0"

PROJECT NO.:

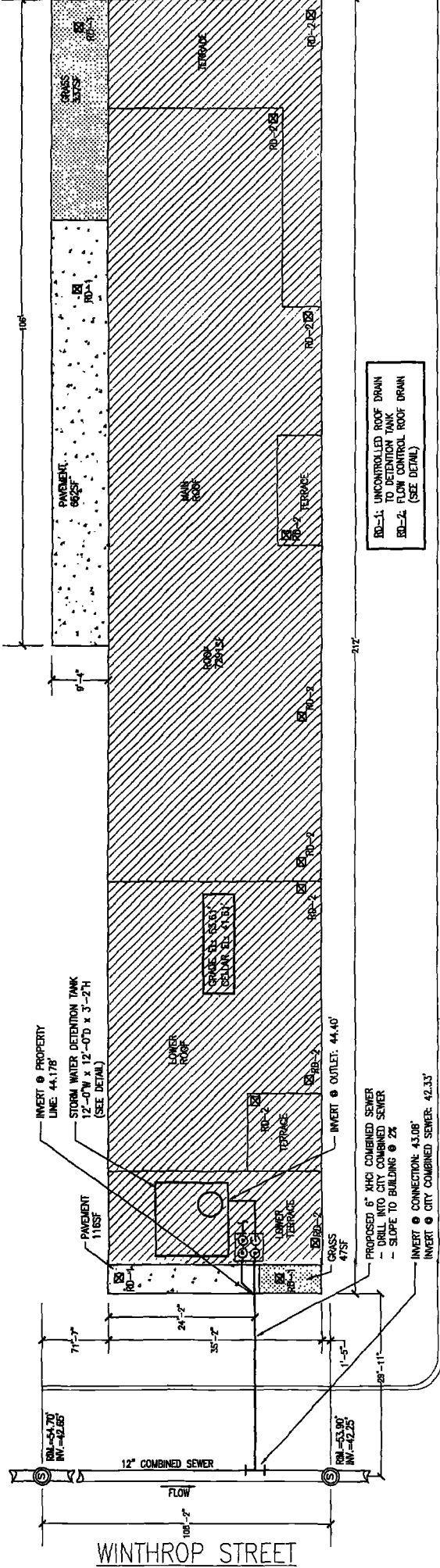
2015-011

RESERVED FOR JOB STICKER



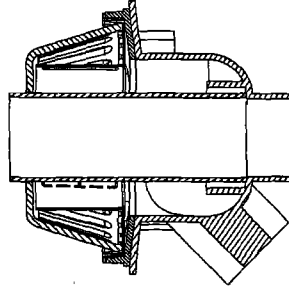
SANITARY HOUSE SEWER WILL DISCHARGE THROUGH
SEWER. THE DEVELOPED STORM FLOW OF 1.04 CFS
WILL BE RESTRICTED TO THE NYC DEP ALLOWABLE FLOW
OF 0.194 CFS BY MEANS OF DETENTION TANKS AND
CONTROLLED FLOW DEVICES.

DESIGN CALCULATION
BLOCK 4819
LOT 25
SQUARE FEET 1,780
SQUARE FEET 1,780
LOT AREA 8443 SQ. FT. 0.194 ACRE
DOB#: 321084528



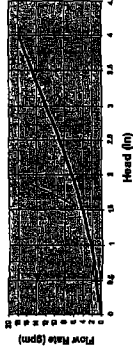
NEW YORK AVENUE

**RD-2
Front Drainage Bi-Functional Roof Drain 100C4**
Type: 100C4-CFW



The Front Drainage roof drain with con-
struction is designed to be installed in a
job site for the required amount of flow
needed. The unit is provided with
a 12 inch X40 combined sewer and a
12 inch storm water detention tank. The
unit is designed to be installed in a
job site for the required amount of flow
needed. The unit is provided with a
12 inch X40 combined sewer and a 12
inch storm water detention tank. The unit
is designed to be installed in a job site
for the required amount of flow needed.
The unit is provided with a 12 inch X40
combined sewer and a 12 inch storm water
detention tank. The unit is designed to
be installed in a job site for the required
amount of flow needed.

Single Slot Flow versus Head



Please note: drain body slots will need to be shown based on this overflow drain requirements. If multiple primary drainage pipe
is designed it can be reduced from the drain body outlet.

Specifications subject to change without notice.

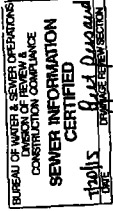
Front Drainage LLC - P.O. Box 177 - 1741 Industrial Drive-Spring, House 6101 - 44115.006.7923 & 31.626.6702
www.frontdrainage.com



engineering solutions

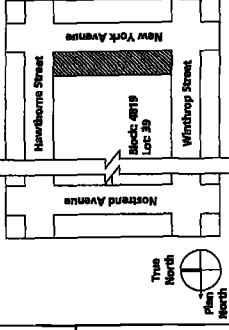
130 West 30th Street
Suite 402
New York, NY 10001
212.840.1830

SCK-888/15



The certification
is valid for two
(2) years only

KEY PLAN



THIS PLAN IS APPROVED FOR WORK INDICATED ON THE
APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS
NOTED HEREON ARE THE RESPONSIBILITY OF THE
ENGINEER BEING APPROVED OR IN ACCORDANCE WITH
APPLICABLE CODES.

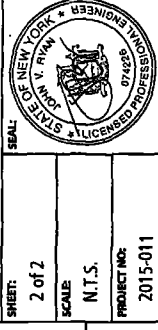
REV.	DATE	ISSUE
1	2015-05-27	ISSUED FOR DFP R410

PROJECT:
**664 New York Ave
Brooklyn, 11203**

DRAWING TITLE
Site Connection Calculations

DRAWING NUMBER:

SD-2



RESERVED FOR DOR JOB STICKER

Total Area	8443	Total Area	0.194
Roof Area (A _r)	7291	Borough:	Brooklyn
Paved Area (A _p) (A _p)	768	Zone:	R-5
Grass Area (A _g) (A _g)	384		
Total Drainage Area (A _t)	7291		

Sanitary Q	0.0070
Pop density x Acres x 1.50	=
7.48 x 89400	=
San Peak	=

Storm Q	0.041
(Q _{rain} + Q _{ap} + Q _g)	=
Total Area	=

Cwt roof =	0.95
Cwt grass =	0.067
Cwt paved =	0.587

Cwt grass =	0.067
Cwt paved =	0.587
Cwt roof =	0.95

Q _{roof} =	0.08
Q _{grass} (tank) =	0.01
Q _{paved} (tank) =	0.01

Q _{roof} =	0.08
Q _{grass} (tank) =	0.01
Q _{paved} (tank) =	0.01

Q _{roof} =	0.08
Q _{grass} (tank) =	0.01
Q _{paved} (tank) =	0.01

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Q _{paved} (tank) =	0.01

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Q _{paved} (tank) =	0.01

Q _{roof} =	0.08
Q _{grass} (tank) =	0.01
Q _{paved} (tank) =	0.01

Q _{roof} =	0.08
Q _{grass} (tank) =	0.01
Q _{paved} (tank) =	0.01

Area Available for
Detention?
Volume Required?
Volume Available?
6000 in/weir might
need to be adjusted
based on secondary
detention?
Verify the Volume < Vol_{avail}

SANITARY HOUSE SEWER WILL DISCHARGE THE SANITARY
FLOW OF 0.041 C.F.S. DIRECTLY INTO COMBINED CITY
SEWER. THE SEWER WILL BE RESTRICTED TO THE NYC DEP ALLOWABLE FLOW
OF 0.184 C.F.S. BY MEANS OF DETENTION FACILITIES AND
CONTROLLED FLOW DEVICES.

DESIGN CALCULATION
DATE: 05/27/15
LOT# 39
ZONE# R6, MAP# 17B
664 NEW YORK AVENUE, KINGS, NY
LOT AREA=8443 SQ.FT.=0.194 ACRE
DOB# 321084526