



DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER & SEWER OPERATIONS

SITE CONNECTION PROPOSAL FORM
VALID FOR TWO (2) YEARS
[SCQ-771/22]



A. PROJECT DATA:

Borough of QUEENS Building Dept. No (s) 421775788
Tax Block 5273 Lot (s) 34 Zoning R1-2A Map No. 10C
Project Location 157-04 35 AVENUE QUEENS NY 11354
Applicant YUE ZHOU
Address 6040 KENNEDY BLVD E #L3, NEW YORK Zip 07093 Phone (646) 886-2221
Owner JOHN S KO
Address 1330 WOLVER HOLLOW R OYSTER BAY NY Zip 11771 Phone (201) 600-7160

B. PROJECT USE:

TYPE: ☐ 1, 2, 3, Family ☐ Multiple Dwelling ☒ Commercial CHURCH
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 1.667 cfs

Allow. Storm Flow to the Sewers 0.000 cfs

☐ Detention ☒ Retention DRYWELL

	Sanit.	Storm	Comb.	Drywells
No. Requested	1	N/A	N/A	xxxxxx
Size	6"	N/A	N/A	xxxxxx
Material (s)	EHCI	N/A	N/A	xxxxxx
Total Q (s)	0.007	N/A	N/A	1.667

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

D. CONNECTION INFO:

1. ☐ Connection to existing
☐ Spur ☐ Riser ☐ Curb Connection
2. ☐ Proposed New Riser
3. ☐ Fold Spur in
4. ☒ Drill in
5. ☐ M.H. Conn ☐ Exist ☐ Prop
6. ☐ Reuse Plugged Connections

E. SEWER DATA:

1. P.D. Plan No. N/A Date Approved N/A Expiration Date N/A
2. Date Construction Permit Was Issued
3. Date Sewer Was Accepted By DEP
4. Sanitary Discharge Tributary to:

Location

Private Sewage Treatment Plant ☒ No ☐ Yes
Private Pumping Station ☒ No ☐ Yes
Private Sewer ☒ No ☐ Yes

F. LOCATION PLAN:

☐ As shown below ☒ See Attached Location Plan Attachment "F"

ATTACHMENT "F"

G. SUPPORT DOCUMENTS:

- *1.

Site Plan – 6 copies with hydraulic calculations
- *2.

Survey – 3 copies with watercourse stamp
- *3.

Tentative Lot Number Request Form – Attached

Not Applicable
- α4.

Owners Consent for STP/PS Connection – Attached

Not Applicable
5.

Department of Health Approval – Attached

Not Applicable
6.

Department of Building Amendment Request – Attached

Not Applicable
- β7.

Condo/HOA Prospectus or Affidavit – Attached

Not Applicable
8.

Industrial Waste Approval – Attached

Not Applicable
9.

Associated Mapping/Demapping Action – Attached

Not Applicable
10.

Builders Pavement Plan – Attached

Not Applicable
11.

Boring Logs – Attached

Not Applicable
12.

Other (Specify)

Attached

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

α Must Be Notarized

β Must be Notarized and have Corporate Seal Imposed

SEWER INFORMATION CERTIFIED BY D.E.P.

			<u>PUBLIC</u>	<u>PRIVATE</u>
1.	There X is <u>not</u> a sanitary sewer fronting the property available for connections.	SIZE		
2.	There X is <u>not</u> a storm sewer fronting the property available for connections.	SIZE		
3.	There <u>is</u> X <u>not</u> a combined sewer fronting the property available for connections.	SIZE	12"	
4.	Sanitary discharge tributary to:	<u>Location</u>		
	City Treatment Plant -	☐ NO	☒ YES	Tallman 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	☒		
	b) Storm Outlet	☒		
	c) Combined Outlet			

CERTIFICATION, RESTRICTIONS, SPECIAL CONDITIONS:

No connection permit be issued until:
1) DOB certifies the detention facility is satisfactorily installed.
2) DOF certifies the final tax lots and the permittee shall submit to the local office as proof that the lots have been finalized.
3) The pending Industrial Waste Approval is approved and a copy is submitted to DEP

NYC

Environmental Protection

CITY OF NEW YORK

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SEWER INFORMATION CERTIFIED REVIEW UNIT

DIGITALLY SIGNED BY:
Astrode Petit-Frere

DATE CERTIFIED: 8/19/2022

CERTIFICATION EXPIRES: 8/19/2024

ADDITIONAL, INFORMATION, COMMENTS BY D.E.P. OFFICE:

1.

Topo Map No.

Watercourse shown:

☐ YES

☐ NO

2.

Comments:

Rev. 3/19

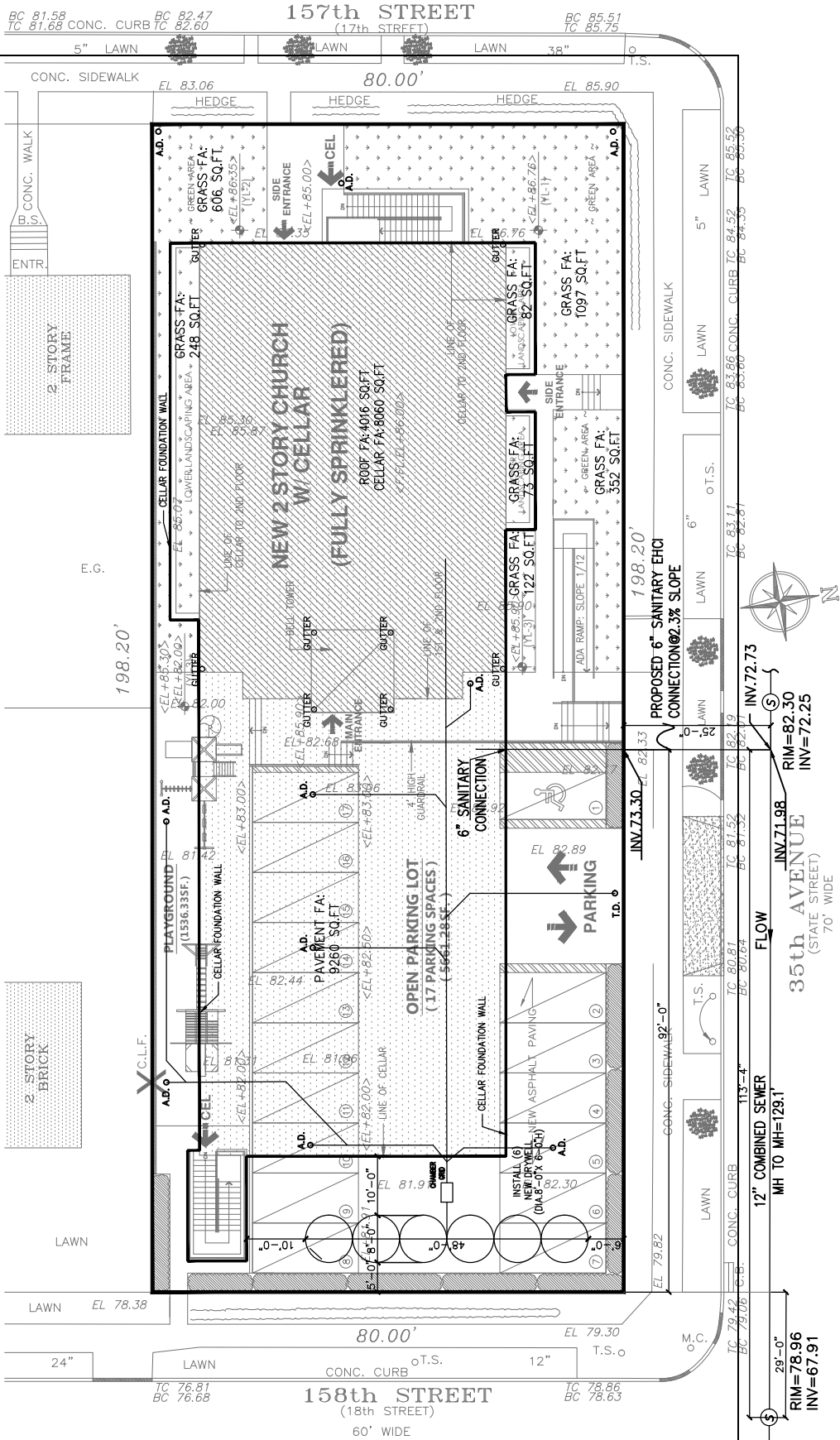
ATTACHMENT "F"

LOCATION PLAN:



STORM FLOW OF 1.596_CFS WILL BE RETAINED BY DRYWELL.
DATUM NOTES: ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), WHICH IS 1.63 FEET BELOW QUEENS TOPOGRAPHICAL BUREAU DATUM.

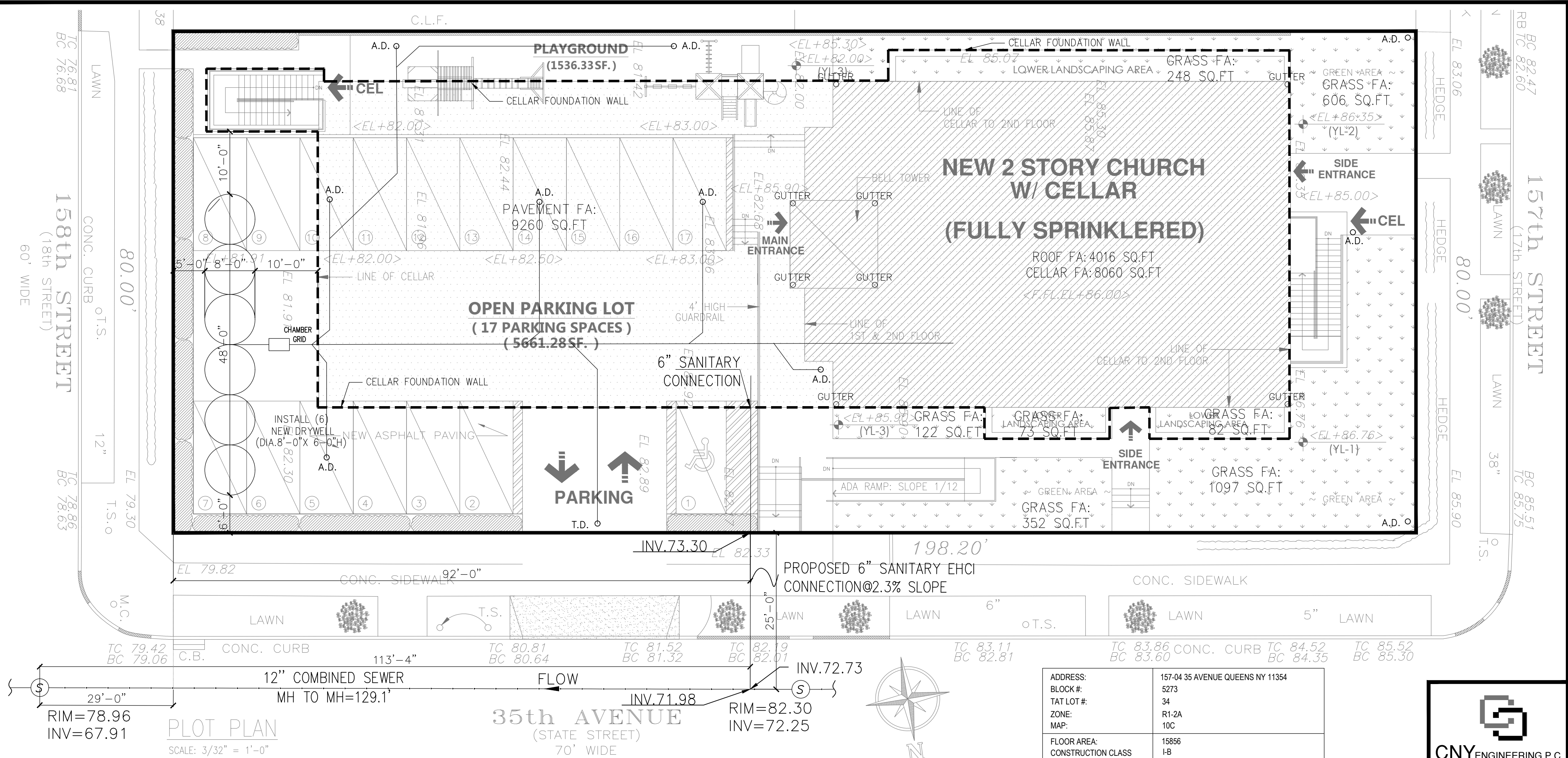
ADDRESS:	157-04 35 AVENUE QUEENS NY 11354
BLOCK #:	5273
TAT LOT #:	34
ZONE:	R1-2A
MAP:	10C
FLOOR AREA:	15856
CONSTRUCTION CLASS	H-B
DOB JOB NO:	421775788



CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SEWER INFORMATION CERTIFIED REVIEW UNIT

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DATE CERTIFIED: 8/19/2022
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PLOT PLAN
SCALE: 1"=10'



ADDRESS:	157-04 35 AVENUE QUEENS NY 11354
BLOCK #:	5273
TAT LOT #:	34
ZONE:	R1-2A
MAP:	10C
FLOOR AREA:	15856
CONSTRUCTION CLASS	I-B
DOB JOB NO:	421775788

CNYENGINEERING P.C

6040 KENNEDY BLVD E #L3
WEST NEW YORK NJ 07093
TEL:646-886-2221

NO.	DATE
01	1ST SUBMISSION 03/08/22

OWNER:
CALVARY WORLD MISSION CHURCH
1330 WOLVER HOLLOW R OYSTER
BAY NY 11771

PROJECT LOCATION:
157-04 35 AVENUE
QUEENS NY 11354

DATE: 03/08/2022

DRAWN BY: SUN

CHECK BY: FZ

SHEET NO.: SCQ-771 / 22

PAGE: 1 of 1

DOB JOB NO.: 421775788

Developed Storm Flow, Detention Calculations (roof slope -in./ft.)						
LOCATION	157-04 35 AVENUE QUEENS,NY 11354					
ZONING	R1-2A					
1 - <u>Site Developed Storm Flow in CFS</u>						
<i>non-gn.rf. 4016</i>	<i>paved 9260</i>	<i>grass 2580</i>	<i>plntd.,lndscpd.</i>	A_s (ft ²)	15856	
<i>gn.rf.-4in.dpth.</i>	<i>grvl. parking lot</i>	<i>bio-swale</i>	<i>synth. ath. fld.</i>	C_{WT}	0.770	
<i>prs. asphlt./conc.</i>	<i>undeveloped</i>	<i>OtherArea</i>	<i>OtherC_{RO}</i>	Q_{DEV} (cfs)	1.667	
- Allowable Stormflow Storm Flow in CFS				$Q_{ALL} = C_{DP} i_{DP} A_{DP} / 43,560$	Q_{ALL} (cfs)	0.871
					Q_{RR} (cfs)	0.046
- Unrestricted Storm Flow in CFS(DRYWELL)						
<i>non-gn.rf. 4016</i>	<i>paved 9260</i>	<i>grass 2580</i>	<i>plntd.,lndscpd.</i>	A_s (ft ²)	15856	
<i>gn.rf.-4in.dpth.</i>	<i>grvl. parking lot</i>	<i>bio-swale</i>	<i>synth. ath. fld.</i>	C_{WT}	0.770	
<i>prs. asphlt./conc.</i>	<i>undeveloped</i>	<i>OtherArea</i>	<i>OtherC_{RO}</i>	Q_{unrst} (cfs)	1.667	

RESIDENTIAL

pop/ac	ZONING	Area (ft ²)	Q _{DEV} (cfs)
22	R1-2	15856	0.007
			0.007

Tot.PK.Ft.-cfs 0.007

Residential Domestic, Commercial, & Parkland
(150gpc/day)(ft³/7.48gal)(acre/43560ft²)(day/86400sec)(4) = 1/(4.962)(10³)
(ft³/7.48gal)(acre/43560ft²)(day/86400sec)(4) = 1/(7.038)(10³)

REQUIRED STORAGE VOLUME

$Q_{DEV}(cfs)$ 1.667
$Q_{unrst}(cfs)$ 1.667

NYC
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

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CERTIFICATION
EXPIRES: 8/19/2024

Upstm.Mh.Rim 82.30 Dn.St.Mh.-Cn.(ft.) 121.00 Dia.Cn.Swr.-in. 6 Inv.EL.Swr.@Cn. 71.98	Upstm.Mh.Inv. 72.25 Dn.St.P.L.-Swr.(ft.) 25.00 EL.St.@Cn. 82.09 Comp.EL.St.@Cn. 82.09	Dwnstm.Mh.Rim. 78.96 Cir.Swr.Dia./Ht.-in. 12 Rsr.-ft.	Dwnstm.Mh.Inv. 67.91 Bx.Swr.Hgt.-ft. Dia.Cn.Mh.-in.	Mh.Dst.-ft. 129.10 Inv.Cn.@P.L. 73.30 Min.Rsr.Lgth.- (ft.) 0.00
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Min.Inv.Cn.@Cir.Swr. 72.73
Max.%Slp.Cn.@Cir.Swr. 2.3

QUEENS
Svr.Dtm. NAVD88
1.63

Connection Pipe Material	Dia.Cn. (in.)	Cir @ 75% cfs	fps
ESVP & EHCl - 6 to 22 in.	6	0.85	4.32

VOLUME OF DRYWELL SELECTION (V1):
DIA. 8 FT
DEP. 6 FT
QUANTITY 6
Surface area of drywell 0.00692011 Acre

VOLUME OF GRAVEL SELECTION (V2):
Surface area of gravel 49.76
V gravel of volume 298.56
Void 20%(per drywell) 59.712
V1+V2= 2167 CUF
V1+V2>V drywell OK

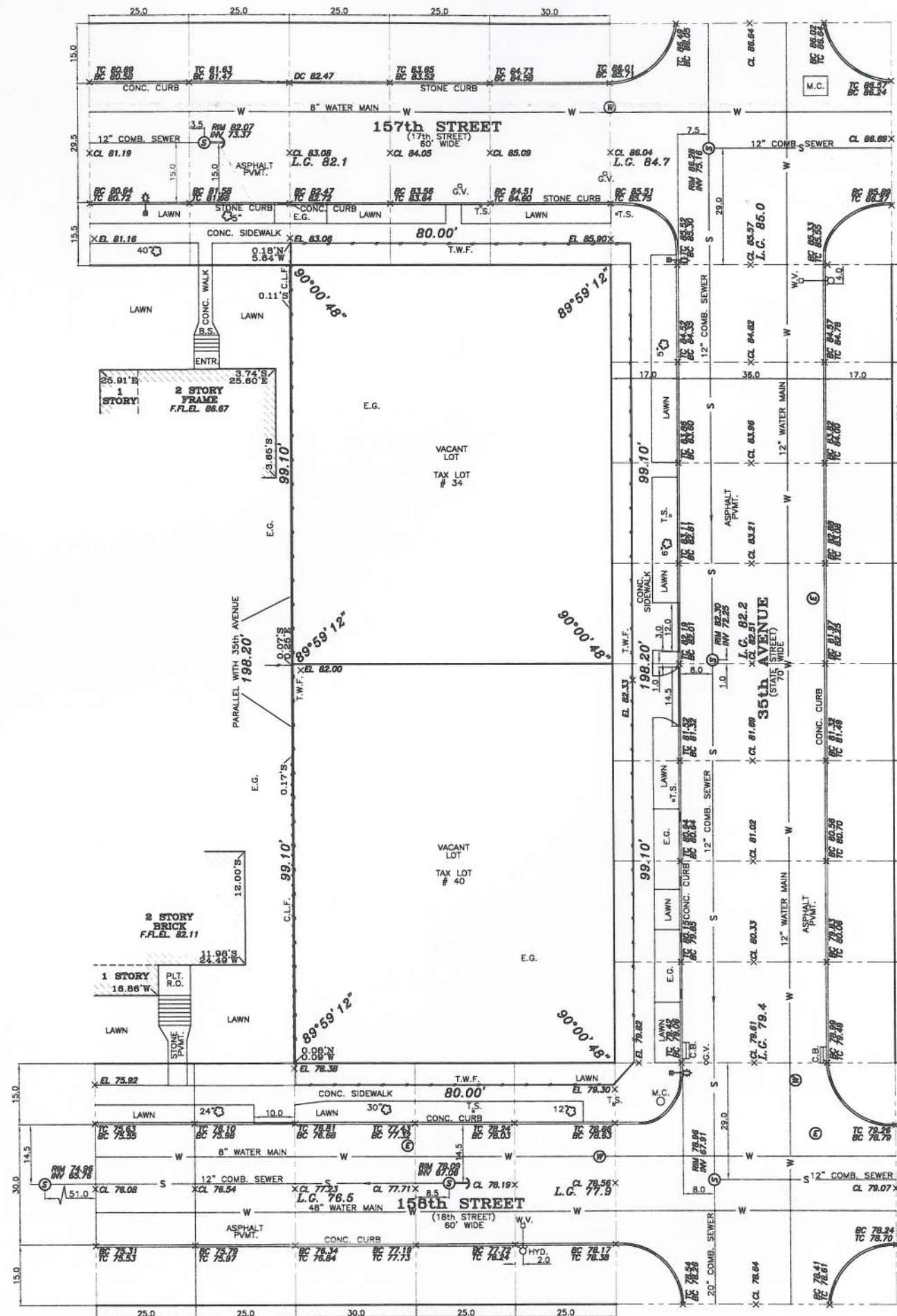
DATUM NOTES: ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD88), WHICH IS 1.63 FEET BELOW QUEENS TOPOGRAPHICAL BUREAU DATUM.

NOTE:ONSITE STORM WATER RETENTION WILL COMPLY WITH DOB REQUIREMENTS.

DRYWELL DETAILS
SCALE: N.T.S

STORM FLOW OF 1.667 CFS WILL BE RETAINED BY DRYWELL.

12" MIN. STONE ENVELOPE TYP.
8'-0" DIA DRYWELL RING (DIAMETER VARIES)
FINISHED GRADE
METAL PLATE COVER
INLET PIPE
4'-6" TALL SECTIONS
8" KNOCKOUTS
24" PVC PIPE
3' MIN.
1" DIA HOLES @4" O.C.
5X7" SAND COLUMN CONNECTION TO POROUS STRATUM
SEAL & SIGNATURE:
STATE OF NEW YORK
PROFESSIONAL ENGINEER



NOTES & DISCLAIMERS:

1. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING, INSTALLING OR MODIFYING ANY NEW OR EXISTING CURBS, WALKS OR ROADWAYS IN THE STREETS SHOWN HEREON.

3. THE OFFSETS OR DIMENSIONS SHOWN FROM THE STRUCTURES TO THE PROPERTY LINES ARE FOR A SPECIFIC PURPOSE AND USE AND THEREFORE ARE NOT INTENDED TO GUIDE THE ERECTION OF FENCES, RETAINING WALLS, POOLS, PLANTING AREAS, ADDITIONS TO STRUCTURES AND ANY OTHER CONSTRUCTION.

4. SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FROM VARIOUS CITY DEPARTMENTS AND/OR PRIVATE UTILITY COMPANIES. THE SURVEYOR DOES NOT CERTIFY AS TO THE ACCURACY OR COMPLETENESS OF THIS DATA AND ALL USERS OF THIS SURVEY AGREE TO HOLD THE SURVEYOR HARMLESS FOR THE LOCATION OF SAID UTILITIES. ALL UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND MUST BE CONFIRMED BY THE USER OF THIS SURVEY PRIOR TO CONSTRUCTION AND/OR THE PURCHASE OF PROPERTY.

5. THIS IS TO CERTIFY THAT THERE ARE NO VISIBLE STREAMS OR NATURAL COURSES IN THE PROPERTY AS SHOWN ON THE SURVEY.

6. NO SUBSURFACE UTILITY INFORMATION WITHIN THE PROPERTY IS SHOWN. CONTACT ONE CALL TO HAVE ALL SUBSURFACE UTILITY INFORMATION WITHIN THE PROPERTY MARKED OUT PRIOR TO CONSTRUCTION. THE SURVEYOR WILL NOT BE LIABLE OR HELD RESPONSIBLE FOR DAMAGES TO SUBSURFACE UTILITIES EITHER WITHIN OR OUTSIDE THE SURVEYED PROPERTY DUE TO CONSTRUCTION.

7. THE USER OF THE SURVEY EXPRESSLY UNDERSTANDS AND AGREES THAT THE SURVEYOR MAKES NO CLAIM AND DOES NOT GUARANTEE THAT THE SEWERS SHOWN HEREON ARE PUBLIC OR THAT ANY PROPERTIES SHOWN ON THIS SURVEY WILL BE ABLE TO CONNECT TO SAME.

8. SEWERS MAY NOT EXIST IN FRONT OF SURVEYED PROPERTY. EXISTENCE OR ABSENCE OF SEWERS MUST BE VERIFIED BY USER OF THIS SURVEY PRIOR TO PURCHASING PROPERTY OR BEGINNING ANY PLANNING OR CONSTRUCTION.

9. THE USER OF THIS SURVEY EXPRESSLY AGREES AND UNDERSTANDS THAT SHOULD CHRISTOPHER BUCKLEY, CHRISTOPHER BUCKLEY L.S.P.C., PRECISION SURVEYS, EMPLOYEES THEREOF, BE FOUND LIABLE IN A COURT OF LAW FOR ERRORS OR OMISSIONS ARISING FROM THIS SURVEY THAT THE LIMIT OF LIABILITY IS THE PRICE PAID FOR THIS SURVEY.

10. NOT TO BE USED FOR TITLE PURPOSES.

11. USE OF THIS SURVEY SIGNIFIES THAT YOU AGREE AND CONSENT TO ALL OF THE ABOVE.

LEGEND:	
CATCH BASIN	C.B.
TREE DIAMETER	—
UTILITY POLE	—
OVERHEAD SERVICE WIRE	GAS G.V. WATER W.V. O.V.
CURBS AND CURB CUT	—
MANHOLES	SEWER S GAS G WATER W ELECTRIC E
ELECTRIC	E
GAS	G
TELEPHONE	T
SEWER	S
WATER	W
FIRE HYDRANT	—
CONCRETE	CONC.
PAVEMENT	P.V.
METAL DOOR	M.D.
PLATFORM	P.L.T.
METAL FENCE	M.F.
TRAFFIC SIGN	T.S.
BIKE RACK	B.R.
RETAINING WALL	RET.
TEMPORARY WOOD FENCE	T.W.F.
DRAW	DR
EXISTING ELEVATION	EL
TOP OF CURB	TC
DROP CURB	DC
BOTTOM OF CURB	BC
CENTER LINE OF STREET	CL
LEGAL GRADES	L.G.

NOTE:
AREA INDICATED IS SHOWN ON FINAL SECTION MAP # 67, CITY OF NEW YORK, BOROUGH OF QUEENS.

NOTE:
PLEASE CONTACT APPROPRIATE UTILITY FOR GAS MAIN INFORMATION.

TAX LOT #34 AREA IS 7928.0 sq.ft.
TAX LOT #40 AREA IS 7928.0 sq.ft.
TOTAL LOTS AREA IS 15,856.0 sq.ft.
FOR BUILDING DEPARTMENT USE ONLY



NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7208 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S BLACK INKED OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY.
GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON AND/OR PERSONS FOR WHOM THE SURVEY IS PREPARED, AND ONLY ON HIS/HER BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

TOPOGRAPHIC SURVEY

LOCATED AT:
157-04, 157-20 35th Avenue, Flushing
Borough and County of Queens
City and State of New York

TAX DESIG: Block 5273, Lots 34,40

Precision Surveys

TITLE: ARCHITECTURAL-BOUNDARY-CONSTRUCTION
40 FRANKLIN AVE. FRANKLIN SQUARE, N.Y. 11010
Phone (718)472-1571 • (516)488-1608 • Fax (718)608-0026
CHRISTOPHER M. BUCKLEY
PROFESSIONAL LAND SURVEYOR

CERTIFIED TO:
Sung Ho Shin Architect, PC
DATE: March 3, 2022
SCALE: 1" = 20'

Job No.49199
Drawn by MK