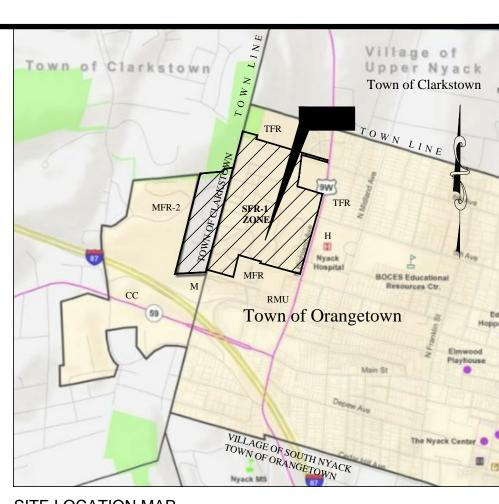
APPLICATION FOR COMMUNITY MAUSOLEUM SITE PLAN OAKHIII CEMETERY



REVISION

- DATE

T-1.(

SITE LOCATION MAP

SCALE: 1" = 1200 FT.

ZONING DATA:

DEVELOPMENT STANDARDS

STANDARD	REQUIRED		EXISTING		PROPOSED		COMMENTS
LOT							
Lot Area, Minimum	7,500	SF	1,655,355	SF	1,655,355	SF	Note 1
Lot Width, Minimum	50	FT	1,039	FT	1,039	FT	
Frontage, Minimum	n.a.						
North Highland Avenue			1,039	FT	1,039	FT	
Lot Depth, Minimum	n.a.		n.a.		n.a.		
Floor Area Ratio, Maximum	0.6		n.a.		0.00		
Principal Building Size, Maximum	n.a.		n.a.		n.a.		
Principal Building height, Maximum	2 story or 32	FT	n.a.		1 story		

RINCIPAL BUILDING SETBACK

PRINCIPAL BUILDING SETBACK							
Front Lot Line, Minimum from	Note 2		319	FT	499	FT	(0.20x1,655,355/1,039) =
Side Lot Line, Minimum from	Note 3 & 5	5	312	FT	253	FT	(0.30 x 1,039)
Rear Lot Line, Minimum from	Note 4, 5 &	6	478	FT	587	FT	(0.30x1,655,355/1,039) =
Not to exceed	n.a.		n.a.		n.a.		
Street line, Minimum	25	FT	319	FT	319	FT	Note 7
Minumum Setback from:							
Other Residential Use	104	FT	237	FT	237	FT	Note 8 : (10% of 1,039)
Other Uses (H)-Hospital, (M)-Mfg.	104	FT	n.a.		499	FT	(0.10 x 1,039) = 104 FT
From Lot Line Abutting an R Zoned Lot	15	FT	n.a.		n.a.		
Side	15	FT	n.a.		1,084		
Rear	15	FT	n.a.		587	FT	
From Lot Line Abutting an TFR or H Zoned Lot	104	FT	n.a.		499	FT	
Mean High Water	n.a.		n.a.		n.a.		

COESSORY STRUCTURE SETRACE

				Note 10 - Variance
Setbacks	Note 9	Note 9	As Above	Requested
Height (Maximum)	12 FT	n.a.	15.25	FT Note 11
COVERAGE				
COVERAGE Building Coverage, Maximum	7%	0%	0.4%	

NOTES:

1. Total site area = 2,145,041 SF (49.2434 acres) of which 1,655,355 SF (38.0017 acres) is located in Orangetown, Village of Nyack.

2. The front setback should be 20% of lot area divided by lot width.

4. The rear setback should be 30% of lot area divided by lot width.

3. The minimum side yard should be 30% of Lot Width.

5. Side and rear yards that are adjacent to residential zones must have a minimum

setback of 15 feet including a landscaped buffer. 6. A rear yard is not required for the first story or 17 feet, whichever is less, but

there shall be a fifteen-foot minimum under other conditions. 7. The minimum setback from the street line must be a minimum of 15 feet except where a structure in an H district (Hospital) faces a street occupied by one - or two-

family residences on the opposite side, the structure must be set back a minimum

of 25 feet. 8. The minimum side yard shall be five feet or 10% of the lot width, which ever is

larger. 9. Setbacks for accessory structures shall be the same as setbacks for principal

10. A height variance is required for the proposed "Accessory Structure". Accessory Structure or Building defined as a building or structure which is detached from and clearly incidental or subordinate to and customary in connection with the principal building and which is located on the same tax lot with such principal building. No residential building or dwelling shall be condisered or allowed as accessory to any other residential building or dwelling. An accessory building attached to the principal building shall be considered part of the principal building. Accessory structures include garages, reviewing stands, tennis courts, platforms, gasoline pumps, standpipes, outside bins, swimming pools, pergolas, walks, fences, gate posts, signs, driveways and paved walks. The word "structure" or "building" shall be construed aas though followed by the words "or part thereof."

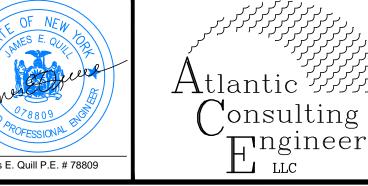
11. Building height at front is 15 ft, building height at rear is 0 ft. On average perimeter grade = 6.11 ft. < 12 ft. See Sheet C-3.2.

12. For a lot 40,000 square feet or greater in area, maximum floor area ratio shall be 0.6 and maximum building coverage shall be 45%.

S.D.U. CHECKED D.R.R. **APPROVED** J.E.Q.

structures.





Bridgeport, Connecticut 06604-3926 (203) 336-4422 Consulting & (203) 336-1769 FAX Ingineering info@atlantic-eng.com

FOR PROPERTY LOCATED

140 NORTH HIGHLAND AVENUE NYACK, NEW YORK CLARKSTON & ORANGETOWN PLAN INDEX COUNTY OF ROCKLAND

SFR-1 ZONE

PREPARED FOR VILLAGE OF NYACK

JUNE 15, 2020 REVISED: OCTOBER 14, 2020 REVISED: NOVEMBER 4, 2020 REVISED: NOVEMBER 25, 2020 REVISED: FEBRUARY 15, 2021

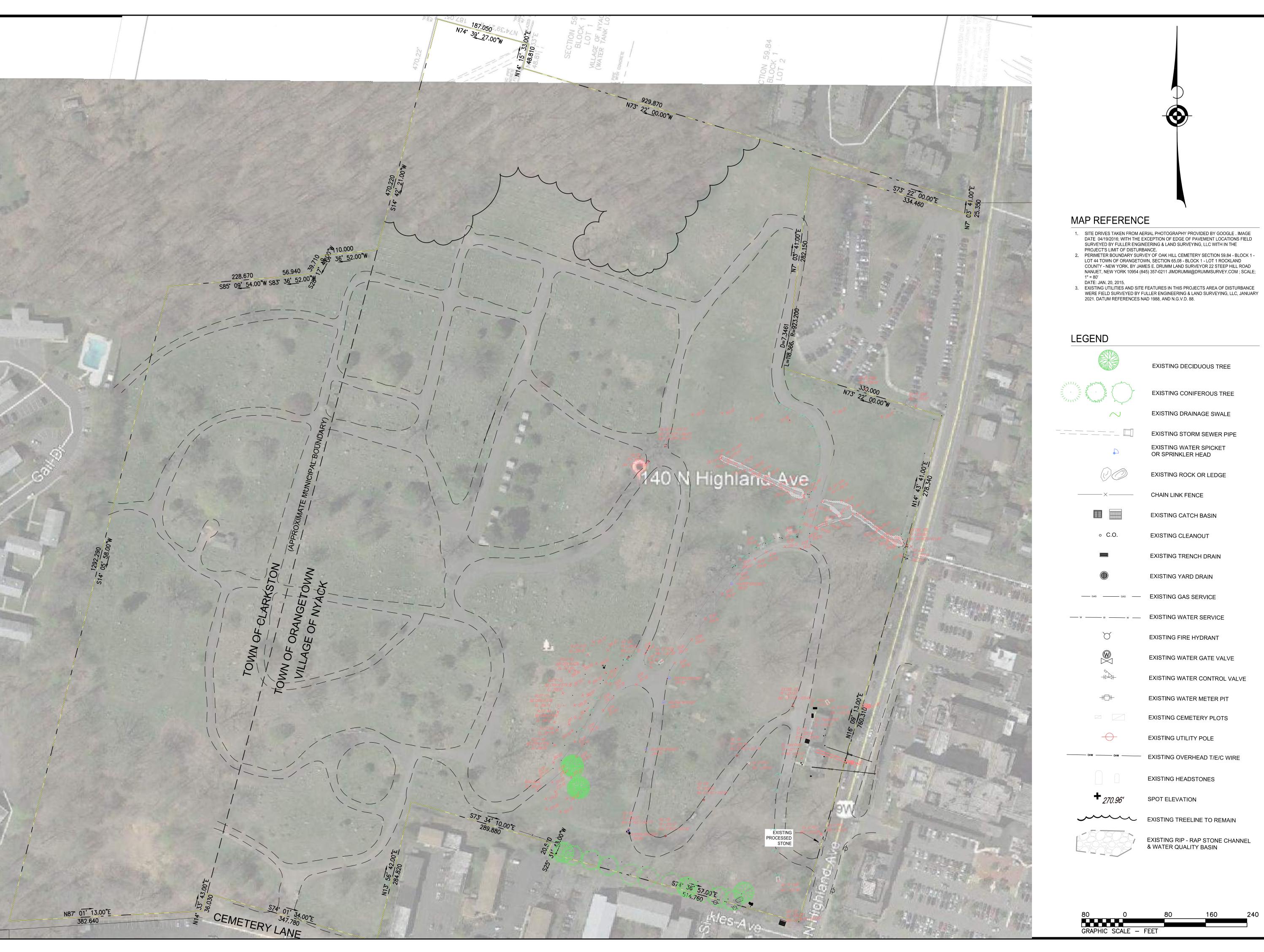
NOTES

- THESE DRAWINGS ARE FOR SITE PLAN REVIEW AND APPROVAL ONLY.
- REFERENCE IS MADE TO PERIMETER BOUNDARY SURVEY OF OAK HILL CEMETERY, SECTION 59.84 BLOCK 1 LOT 44 TOWN OF ORANGETOWN, SECTION 65.08 - BLOCK 1 - LOT 1 TOWN OF CLARKSTOWN, ROCKLAND COUNTY - NEW YORK DRAWN BY: JAMES E. DRUMM LAND SURVEYOR, 22 STEEP HILL ROAD NAUET, NEW YORK 10954 (845)-357-0211 JIMDRUMM@DRUMMSURVEY.COM, SCALE: 1" = 80', DATE: JAN. 20, 2015. JOB. #1173, DWG. #1173-7.

T-1.0	Title Sheet	SWPPP REV.2	- 2/15/21
EX-S	Existing Conditions Survey	Submission	- 2/15/21
DA-EX	Drainage Area - Existing	SWPPP REV. 2	- 2/15/21
DA-PRO	Drainage Areas - Proposed	SWPPP REV. 2	- 2/15/21
C-1	Septic System Plan	REVISION	- 2/15/21
C-1.1	Drainage And Grading Plan	SWPPP REV. 2	2 - 2/15/21
C-2	Notes & Details	SWPPP REV. 2	2 - 2/15/21
C-2.1	Notes & Details	SWPPP REV. 2	2 - 2/15/21
C-3	Overall Site Plan (100 Scale)	SWPPP REV. 2	2 - 2/15/21
C-3.1	Site Utility Plan (40 Scale)	SWPPP REV. 2	2 - 2/15/21
C-3.2	Mausoleum Grading Plan (10 Scale)	SWPPP REV. 2	2 - 2/15/21
C-4	Sed. & Eros. Cntrl. Plan & Misc. Details		
C-5	Soil Ers'n & Sed. Cntrl. Plan Notes & Details	SWPPP REV. 2	- 2/15/21
S-001	General Notes (STRUCTURAL)	Permit	- 12/11/19
S-100	Foundation Plan	Permit	- 12/11/19
S-101	First Floor Plan	Permit	- 12/11/19
S-102	Roof Plan	Permit	- 12/11/19
S-103	Cross Section	Permit	- 12/11/19
AP-L	Approval Letters & Submission Doc.'s	Village Review	- 10/14/20
AP-L2	Approval Letters & Submission Doc.'s (2)	Village Review	- 11/04/20
Revised Date	November 25, 2020 Revised Date: November 4, 2020 Revised Date:	October 14, 2020	Date: June 15, 2020

October 14, 2020 Date: June 15, 2020 November 25, 2020 Revised Date: November 4, 2020 Revised Date: February 15, 2021 Sheet No. SWPPP REV. 2 Rev. Description: Louis DeLuise (OAK HILL CEMETERY) Added Sheets EX-S, DA-EX, DA-PRO APPLICANT/OWNER Changed Discharge Location to Ex. WQ Basin

SHEET TITLE







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MAUSOLEUM

CEMETERY

OAK HILL

Job Number:

Job Start Date:

ssued For:

XISTING SITE FEATURES

18-3568

10/24/18

Drawn By: Checked By

EXISTING

CONDITIONS SURVEY

1"=80'

SDU

Sheet Title:

ORTH HIGHLAND AV NYACK, NEW YORK

40

EXISTING DRAINAGE SWALE

EXISTING DECIDUOUS TREE

EXISTING CONIFEROUS TREE

EXISTING STORM SEWER PIPE

1. SITE DRIVES TAKEN FROM AERIAL PHOTOGRAPHY PROVIDED BY GOOGLE . IMAGE DATE 04/19/2016; WITH THE EXCEPTION OF EDGE OF PAVEMENT LOCATIONS FIELD SURVEYED BY FULLER ENGINEERING & LAND SURVEYING, LLC WITH IN THE

2. PERIMETER BOUNDARY SURVEY OF OAK HILL CEMETERY SECTION 59.84 - BLOCK 1 - LOT 44 TOWN OF ORANGETOWN, SECTION 65.08 - BLOCK 1 - LOT 1 ROCKLAND COUNTY - NEW YORK, BY JAMES E, DRUMM LAND SURVEYOR 22 STEEP HILL ROAD

NANUET, NEW YORK 10954 (845) 357-0211 JIMDRUMM@DRUMMSURVEY.COM; SCALE;

PROJECT'S LIMIT OF DISTURBANCE.

EXISTING WATER SPICKET OR SPRINKLER HEAD

CHAIN LINK FENCE

EXISTING YARD DRAIN

EXISTING WATER GATE VALVE

EXISTING CEMETERY PLOTS

EXISTING ROCK OR LEDGE

EXISTING CATCH BASIN

。 C.O. EXISTING CLEANOUT

EXISTING TRENCH DRAIN

— GAS — GAS — EXISTING GAS SERVICE

— w — w — EXISTING WATER SERVICE

EXISTING FIRE HYDRANT

EXISTING WATER CONTROL VALVE

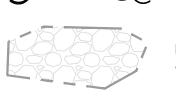
EXISTING WATER METER PIT

EXISTING UTILITY POLE EXISTING OVERHEAD T/E/C WIRE

EXISTING HEADSTONES

SPOT ELEVATION

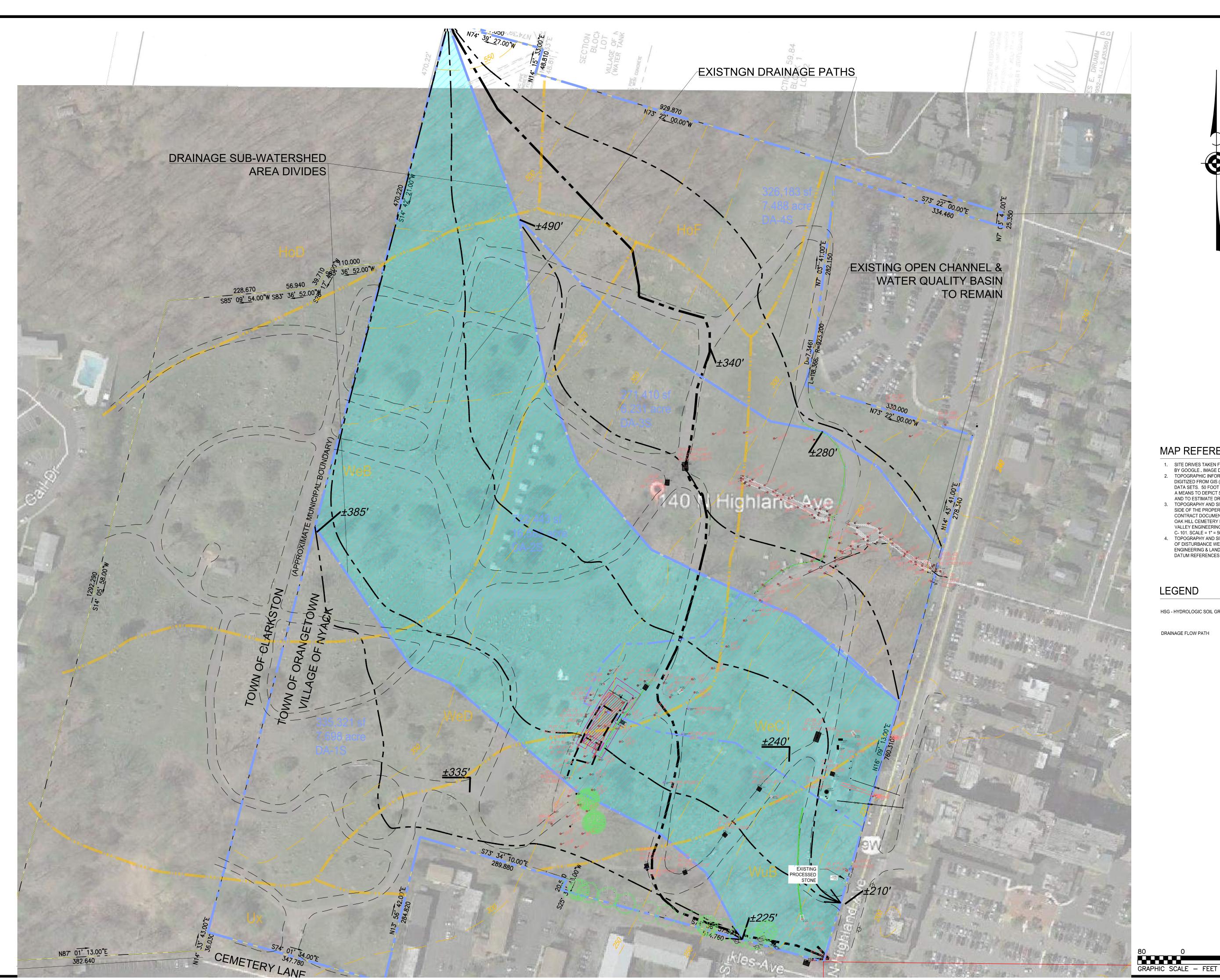
EXISTING TREELINE TO REMAIN



EXISTING RIP - RAP STONE CHANNEL & WATER QUALITY BASIN

GRAPHIC SCALE — FEET

Sheet Number:







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MAUSOLEUM

CEMETERY

OAK HILL

ORTH HIGHLAN NYACK, NEW

40

MAP REFERENCE

- SITE DRIVES TAKEN FROM AERIAL PHOTOGRAPHY PROVIDED BY GOOGLE. IMAGE DATE 04/19/2016.
- TOPOGRAPHIC INFORMATION IS APPROXIMATE ONLY.
 DIGITIZED FROM GIS (GEOGRAPHIC INFORMATION SYSTEM) DATA SETS. 50 FOOT CONTOURS SHOWN. USED SOLELY AS A MEANS TO DEPICT SITE GRADE AND ELEVATION CHANGE,
- AND TO ESTIMATE DRAINAGE SUB WATERSHED AREAS. 3. TOPOGRAPHY AND SITE FEATURES ON THE NORTH EAST CONTRACT DOCUMENTS REVISED DATE OF 09-30-2009 FOR OAK HILL CEMETERY PREPARED BY GREATER HUDSON VALLEY ENGINEERING & LAND SURVEYING, P.C. - SHEET NO.
- C- 101. SCALE = 1" = 50 FT.
 TOPOGRAPHY AND SITE FEATURES IN THIS PROJECTS AREA OF DISTURBANCE WERE FIELD SURVEYED BY FULLER ENGINEERING & LAND SURVEYING, LLC, JANUARY 2021. DATUM REFERENCES NAD 1988, AND N.G.V.D. 88.

HSG - HYDROLOGIC SOIL GROUP DESIGNATION

Job Number:

Job Start Date: 10/24/18

18-3568

Issued For:	Date:
SWPPP & ZONING	10/14/20
SWPPP & ZONING REV. 2	2/15/2021

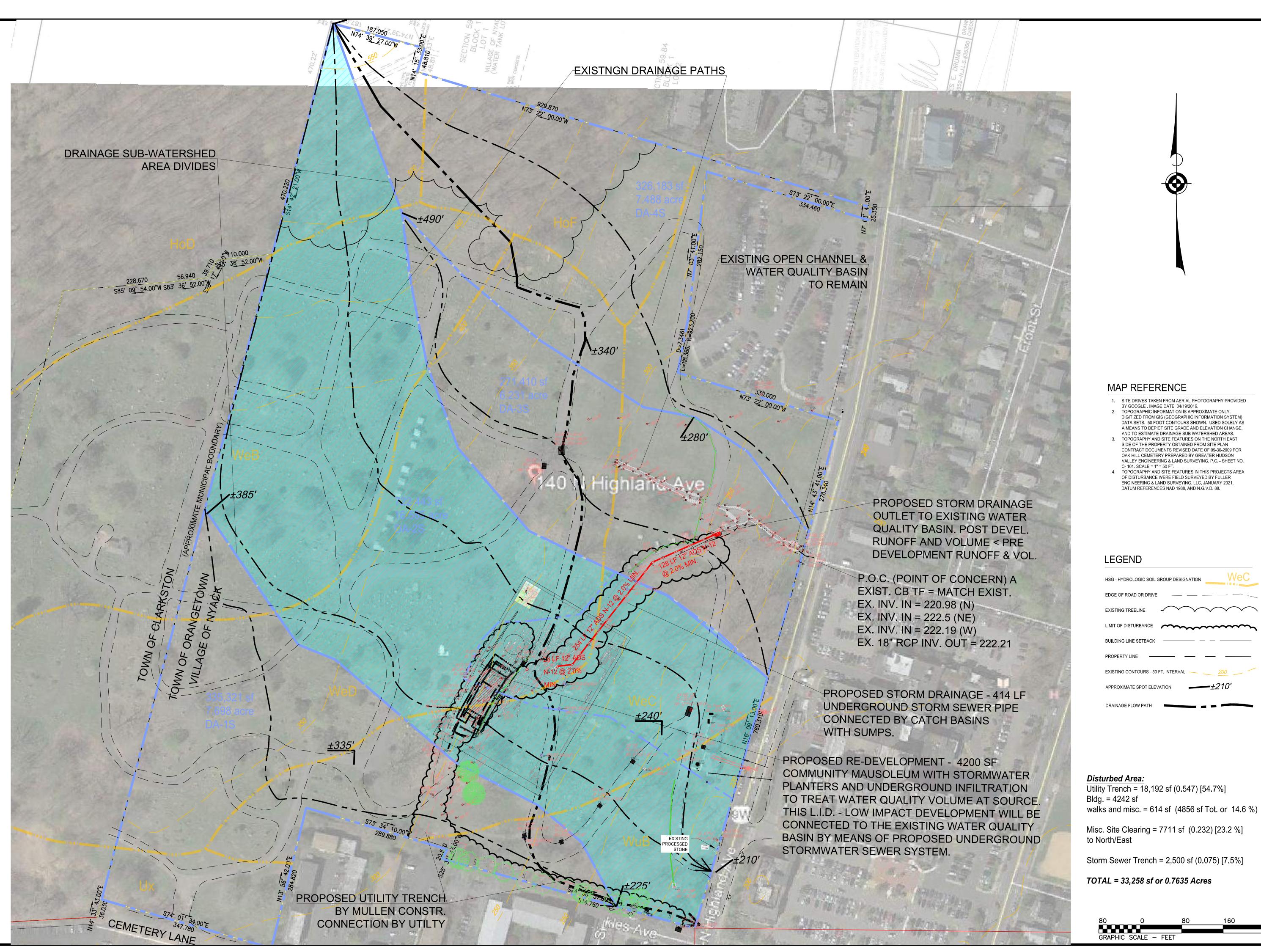
Drawn By: Checked By

Sheet Title:

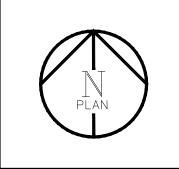
DRAINAGE AREA -**EXISTING**

1"=80'

Sheet Number:







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MAUSOLEUM

CEMETER

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- SITE DRIVES TAKEN FROM AERIAL PHOTOGRAPHY PROVIDED BY GOOGLE. IMAGE DATE 04/19/2016. 2. TOPOGRAPHIC INFORMATION IS APPROXIMATE ONLY.
- DIGITIZED FROM GIS (GEOGRAPHIC INFORMATION SYSTEM) DATA SETS. 50 FOOT CONTOURS SHOWN. USED SOLELY AS A MEANS TO DEPICT SITE GRADE AND ELEVATION CHANGE, AND TO ESTIMATE DRAINAGE SUB WATERSHED AREAS.
- TOPOGRAPHY AND SITE FEATURES ON THE NORTH EAST SIDE OF THE PROPERTY OBTAINED FROM SITE PLAN CONTRACT DOCUMENTS REVISED DATE OF 09-30-2009 FOR OAK HILL CEMETERY PREPARED BY GREATER HUDSON VALLEY ENGINEERING & LAND SURVEYING, P.C. - SHEET NO. C- 101. SCALE = 1" = 50 FT.
- 4. TOPOGRAPHY AND SITE FEATURES IN THIS PROJECTS AREA OF DISTURBANCE WERE FIELD SURVEYED BY FULLER ENGINEERING & LAND SURVEYING, LLC, JANUARY 2021. DATUM REFERENCES NAD 1988, AND N.G.V.D. 88.

HSG - HYDROLOGIC SOIL GROUP DESIGNATION

Disturbed Area:

Utility Trench = 18,192 sf (0.547) [54.7%] Bldg. = 4242 sf

Misc. Site Clearing = 7711 sf (0.232) [23.2 %]

Storm Sewer Trench = 2,500 sf (0.075) [7.5%]

TOTAL = 33,258 sf or 0.7635 Acres

55555

Job Number: 18-3568

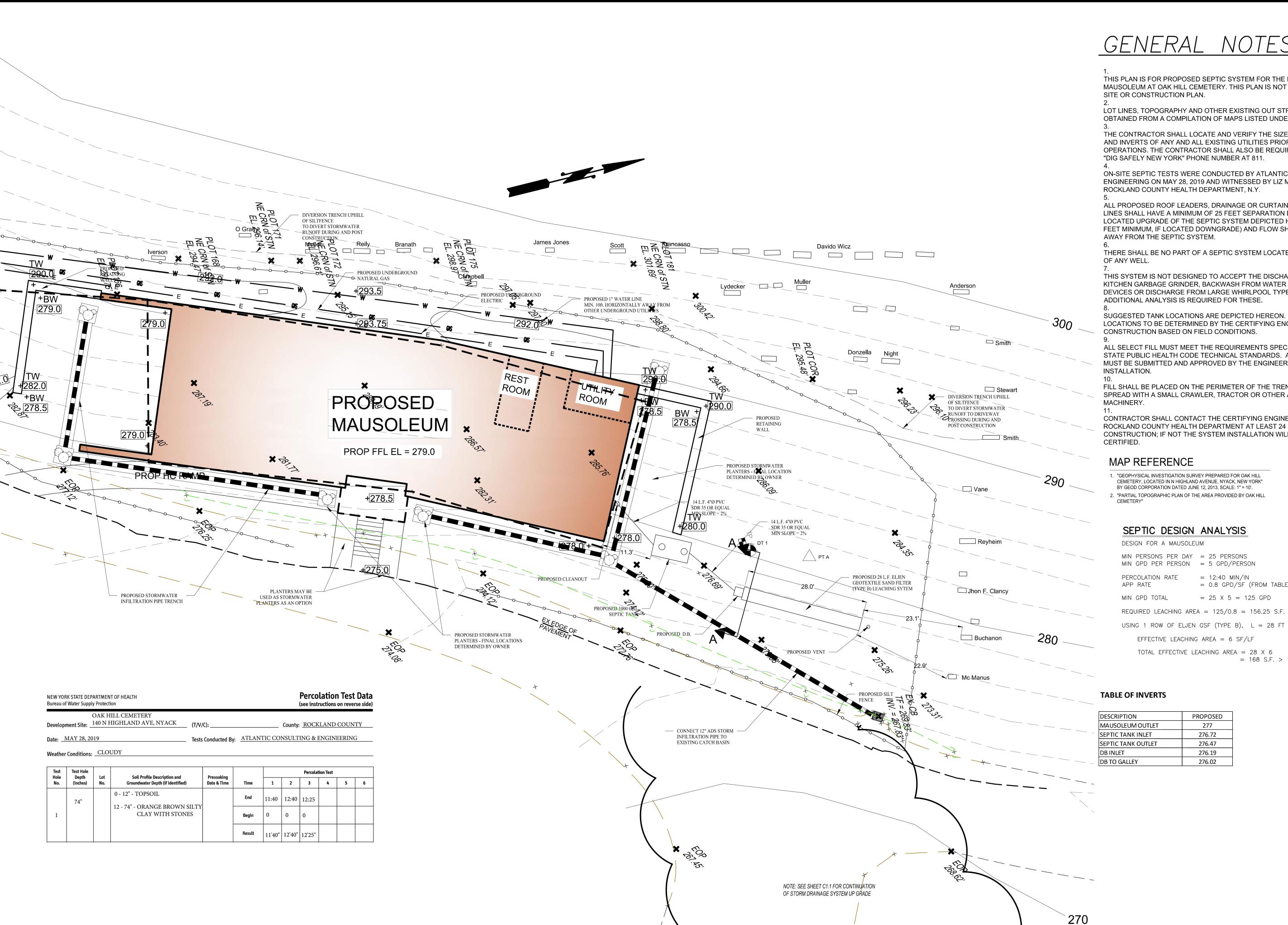
Job Start Date: 10/24/18

Issued For:	Date:
SWPPP & ZONING	10/14/20
REVISION	11/4/2020
SWPPP REVIEW REVISION	11/25/2020
SWPPP REVISION 2	2/15/2021

DRAINAGE AREAS -PROPOSED

1"=80'

Sheet Number:



GENERAL NOTES:

THIS PLAN IS FOR PROPOSED SEPTIC SYSTEM FOR THE PROPOSED MAUSOLEUM AT OAK HILL CEMETERY. THIS PLAN IS NOT TO BE USED AS A SITE OR CONSTRUCTION PLAN.

LOT LINES, TOPOGRAPHY AND OTHER EXISTING OUT STRUCTURES WERE OBTAINED FROM A COMPILATION OF MAPS LISTED UNDER MAP REFERENCE.

THE CONTRACTOR SHALL LOCATE AND VERIFY THE SIZE, LOCATION, DEPTH AND INVERTS OF ANY AND ALL EXISTING UTILITIES PRIOR TO COMMENCING OPERATIONS. THE CONTRACTOR SHALL ALSO BE REQUIRED TO CONTACT "DIG SAFELY NEW YORK" PHONE NUMBER AT 811.

ON-SITE SEPTIC TESTS WERE CONDUCTED BY ATLANTIC CONSULTING AND ENGINEERING ON MAY 28, 2019 AND WITNESSED BY LIZ MELLO OF THE ROCKLAND COUNTY HEALTH DEPARTMENT, N.Y.

ALL PROPOSED ROOF LEADERS, DRAINAGE OR CURTAIN DRAIN DISCHARGE LINES SHALL HAVE A MINIMUM OF 25 FEET SEPARATION DISTANCE IF LOCATED UPGRADE OF THE SEPTIC SYSTEM DEPICTED HEREON (OR 50 FEET MINIMUM, IF LOCATED DOWNGRADE) AND FLOW SHALL BE DIRECTED AWAY FROM THE SEPTIC SYSTEM.

THERE SHALL BE NO PART OF A SEPTIC SYSTEM LOCATED WITHIN 75 FEET

THIS SYSTEM IS NOT DESIGNED TO ACCEPT THE DISCHARGE FROM A KITCHEN GARBAGE GRINDER, BACKWASH FROM WATER TREATMENT DEVICES OR DISCHARGE FROM LARGE WHIRLPOOL TYPE BATHS. ADDITIONAL ANALYSIS IS REQUIRED FOR THESE.

SUGGESTED TANK LOCATIONS ARE DEPICTED HEREON. EXACT TANK LOCATIONS TO BE DETERMINED BY THE CERTIFYING ENGINEER DURING CONSTRUCTION BASED ON FIELD CONDITIONS.

ALL SELECT FILL MUST MEET THE REQUIREMENTS SPECIFIED BY THE NY STATE PUBLIC HEALTH CODE TECHNICAL STANDARDS. A SIEVE ANALYSIS MUST BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO

FILL SHALL BE PLACED ON THE PERIMETER OF THE TRENCH AREA AND SPREAD WITH A SMALL CRAWLER, TRACTOR OR OTHER APPROVED

CONTRACTOR SHALL CONTACT THE CERTIFYING ENGINEER AND THE ROCKLAND COUNTY HEALTH DEPARTMENT AT LEAST 24 HOURS PRIOR TO CONSTRUCTION; IF NOT THE SYSTEM INSTALLATION WILL NOT BE

MAP REFERENCE

- 1. "GEOPHYSICAL INVESTIGATION SURVEY PREPARED FOR OAK HILL CEMETERY, LOCATED IN N HIGHLAND AVENUE, NYACK, NEW YORK"
- BY GEOD CORPORATION DATED JUNE 12, 2013, SCALE: 1" = 10'.
- 2. "PARTIAL TOPOGRAPHIC PLAN OF THE AREA PROVIDED BY OAK HILL

SEPTIC DESIGN ANALYSIS

DESIGN FOR A MAUSOLEUM

MIN PERSONS PER DAY = 25 PERSONS MIN GPD PER PERSON = 5 GPD/PERSON

PERCOLATION RATE = 12:40 MIN/IN

= 0.8 GPD/SF (FROM TABLE)

 $= 25 \times 5 = 125 \text{ GPD}$

REQUIRED LEACHING AREA = 125/0.8 = 156.25 S.F.

EFFECTIVE LEACHING AREA = 6 SF/LF

TOTAL EFFECTIVE LEACHING AREA = 28 X 6 = 168 S.F. > 156.25 S.F. (OKAY)

GRAPHIC SCALE - FEET

DESCRIPTION	PROPOSED
MAUSOLEUM OUTLET	277
SEPTIC TANK INLET	276.72
SEPTIC TANK OUTLET	276.47
DB INLET	276.19
DB TO GALLEY	276.02



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EUM. MAUSOL CEMETER HIGH K, NE 불 40 OAK

Job Number:

Job Start Date: 10/24/18

18-3568

Issued For:	Date:
SUBMISSION	10/04/19
UTILITIES ADDED	12/16/19
SWPPP REVISION	11/4/2020
SWPPP REVIEW REVISION	11/25/2020
SWPPP REVISION 2	2/15/2021

Drawn By: Checked By

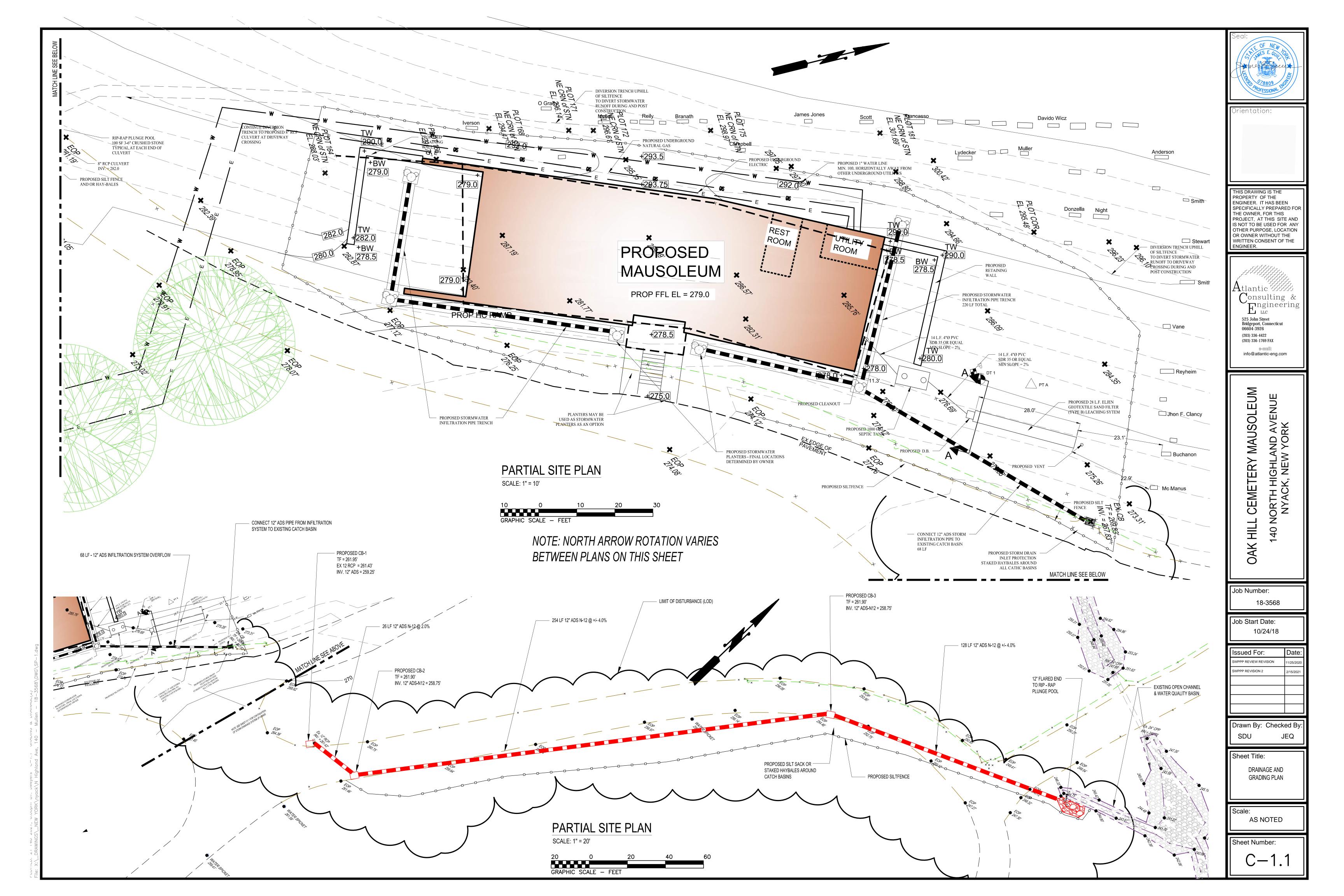
Sheet Title:

SEPTIC SYSTEM PLAN

1"=10'

Sheet Number:

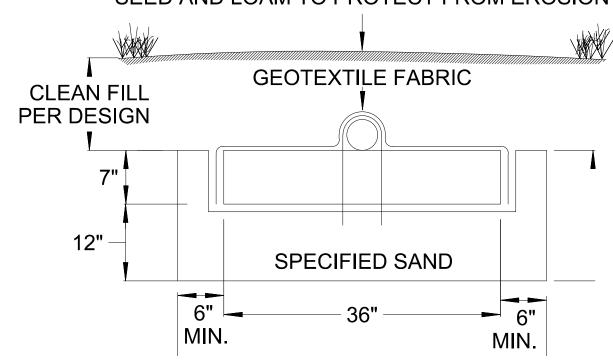
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SECTION THRU A-A

SCALE: 1"=2"

SEED AND LOAM TO PROTECT FROM EROSION



ELJEN GEOTEXTILE SAND FILTER DETAIL (TYPE B)

SCALE: N.T.S. OR APPROVED EQUAL

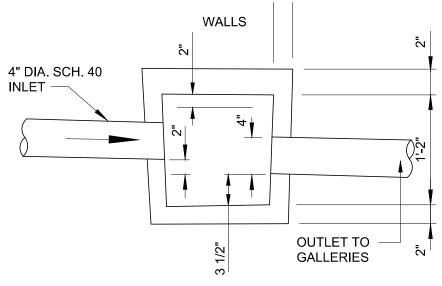
SPECIFIED SAND DETIALS

To ensure proper system operation, Eljen Corporation requires all of its GSF and Mantis Systems to be installed using an ASTM C33 sand with less than 10% passing a #100 sieve, and less than 5% passing a #200 sieve.

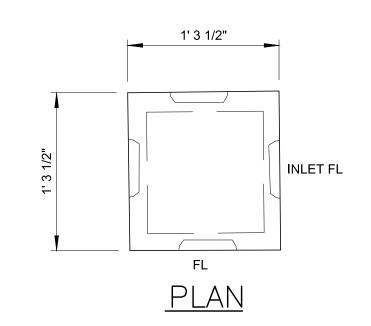
Reference the Eljen GSF or Mantis Design and Installation Manual for your state for the proper amount of specified sand required for installation. Installers should request a sieve analysis from their material supplier to ensure that the specified sand that they are purchasing for use during installation of the Eljen GSF or Mantis systems meets the specified sand requirements listed below.

Sieve Size Sieve Square Opening Size Specification Percent Passing

.375"	9.5 mm	100.0
#4	4.75 mm	95.0 - 100.00
#8	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 µm	25.0 - 60.0
#50	300 µm	5.0 - 30.0
#100	150 μm	< 10.0
#200	75 µm	< 5.0



SECTION



TYP. DIST. BOX DETAIL

SCALE: N.T.S.

System Drawings

FIGURE 19: Vent Detail for Gravity and Demand Dosed Trench Systems *Only required for systems with greater than 18 inches of cover.

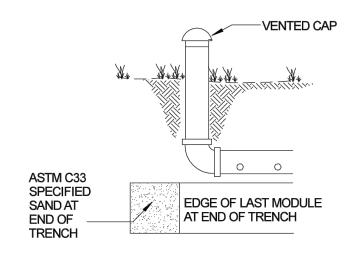
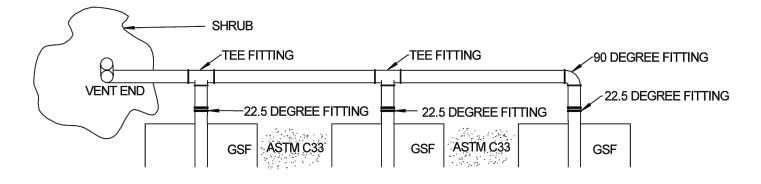
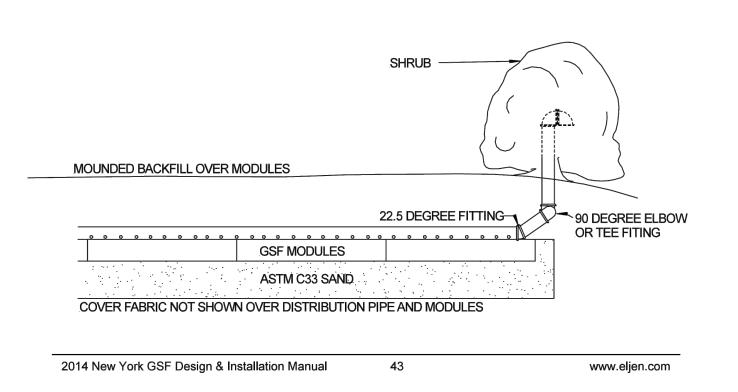


FIGURE 20: Vent Detail for Looped Bed Systems *Only required for systems with greater than 18 inches of cover.





ELJEN VENT DETAIL

SCALE: N.T.S. OR APPROVED EQUAL

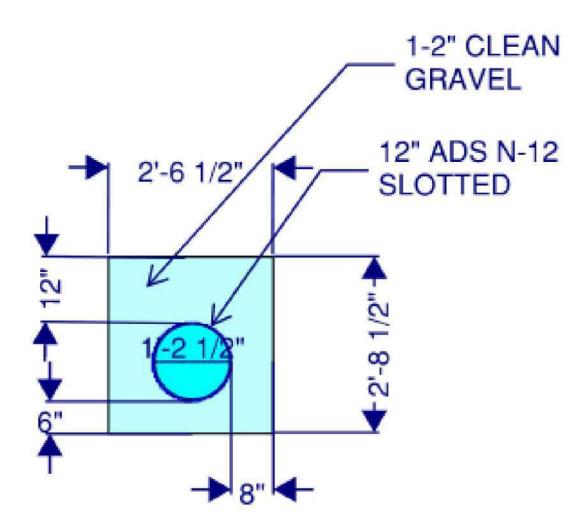
10.0 Required Notes on Design Plans

- This design and construction requirement complies with Appendix 75-A and local health department regulations.
- 2. This design complies with and must be installed in accordance with the most current Eljen New York Design and Installation Manual.
- 3. This system is not designed for use with a garbage disposal.
- 4. This system is not designed for backwash from a water softener.
- Organic material that can restrict flow must be removed for raised beds. The soil must be scarified to
 provide deep channels for the sand. A plowed interface on contour is recommended to prepare the
 soil for fill placement.
- 6. Scarify any smeared subsoil prior to fill placement.

2014 New York GSF Design & Installation Manual

- 7. Fill material shall meet or exceed State of New York Code requirements. All fill material shall be clean bank run sand, free of topsoil ,humus, and "dredging" directly beneath the GSF system.
- 8. ASTM C33 Specified Sand with less than 10% passing a #100 sieve and less than 5% passing a #200 sieve shall be place below and around the GSF modules, with 6 inches minimum underneath and 6 inches minimum surrounding the GSF modules in trench configurations. In bed systems, use 6 inches minimum underneath the modules with 12 inches minimum between module rows and 12 inches minimum around the perimeter of the modules.
- 9. Eljen provided geotextile cover fabric shall provide proper tension and orientation of the fabric around the sides of the perforated pipe on top of the GSF modules. Fabric should be neither too loose, nor too tight. The correct tension of the cover fabric is set by:
- Spreading the cover fabric over the top of the module and down both sides of the module with the cover fabric tented over the top of the perforated distribution pipe.
- Place shovel full's of Specified Sand directly over the pipe area allowing the cover fabric to form a
 mostly vertical orientation along the sides of the pipe. Repeat this step moving down the pipe.
- 10. Backfill material shall be clean with no roots or stones larger than 2 inches in any dimension to a minimum depth of 8 inches over the GSF modules and final cover for vegetation of 4 inches to 6 inches of clean loam.
- 11. Any system which is more than 18 inches below finish grade as measured from the top of the module shall be vented

www.eljen.com



SECTION THRU
INFILTRATION TRENCH

Seal:

OF NEW

Orientation:

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OAK HILL CEMETERY MAUSOLEUM
140 NORTH HIGHLAND AVENUE
NYACK, NEW YORK

Job Number: 18-3568

Job Start Date: 10/24/18

Issued For:	Date:
SUBMISSION	10/04/19
SWPPP REVISION 2	2/15/2021

Drawn By: Checked By
ALL JEQ

Sheet Title:
NOTES & DETAILS

Scale:

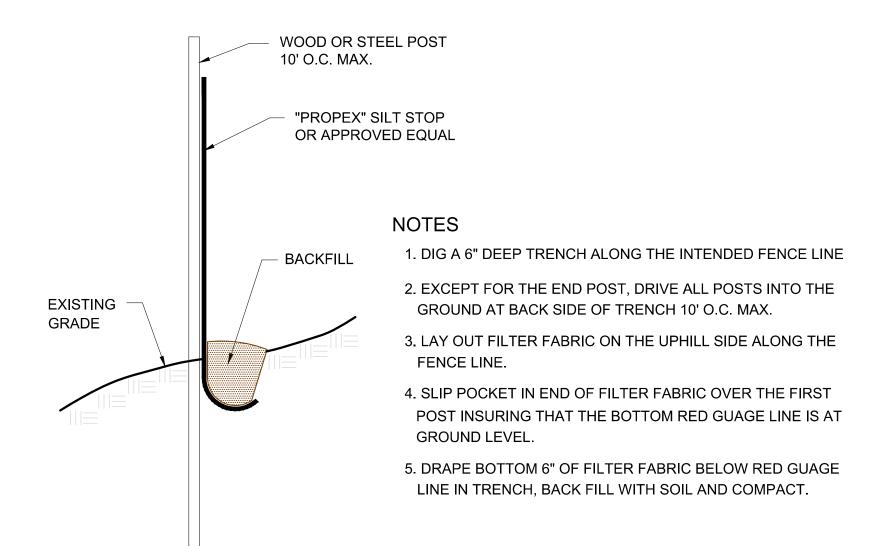
Sheet Number:

C-2

AS NOTED

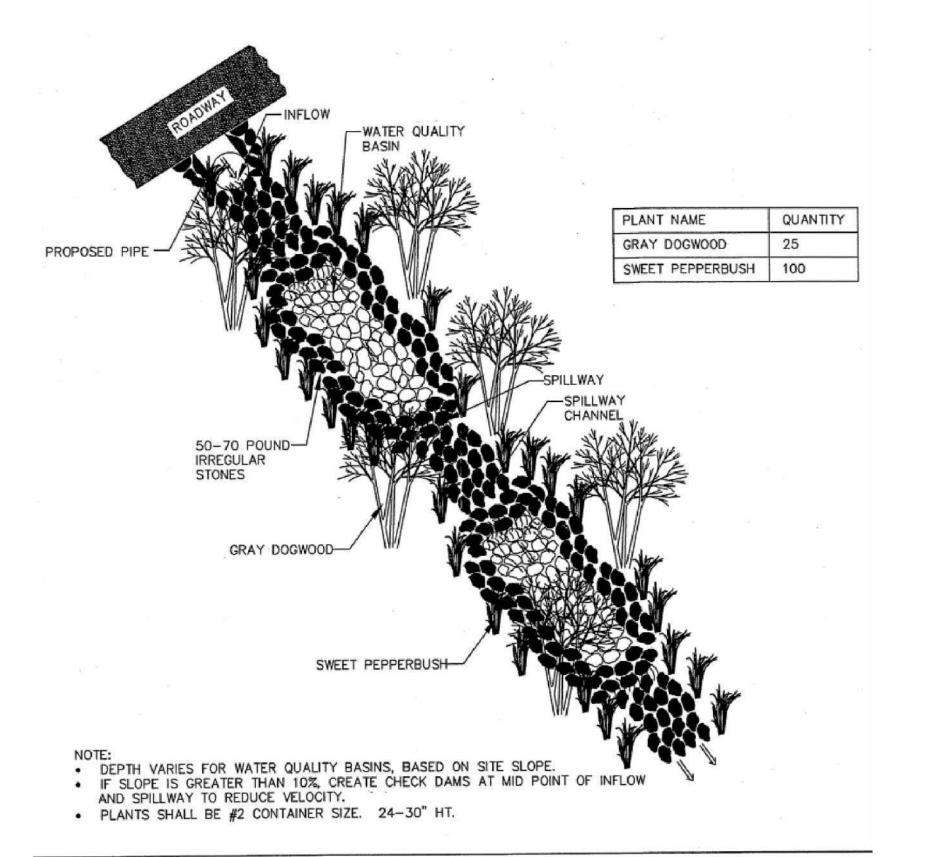
TYPICAL SEPTIC TANK DETAIL

SCALE: N.T.S. OR APPROVED EQUAL

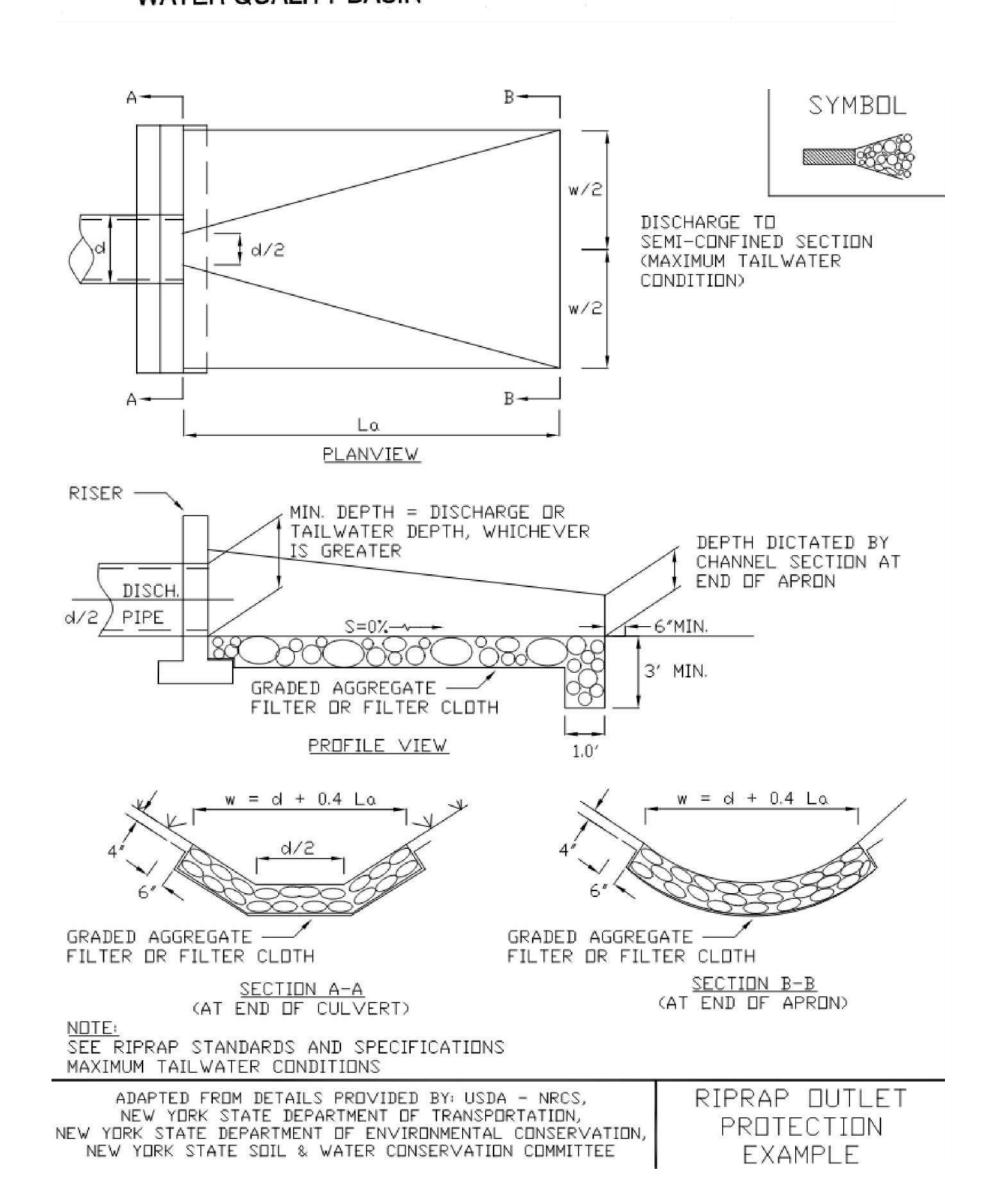


FILTER FABRIC DETAIL

SCALE: N.T.S.



WATER QUALITY BASIN



SEPTIC FILL NOTES:

- 1. STRIP ALL TOPSOIL IN AREA TO BE FILLED AND ANY STONES LARGER THAN 18" IN ANY ONE DIMENSION WITHIN THE LEACHING AREA TO THE DEPTHS SHOWN ON THESE PLANS. TOPSOIL SHALL BE STOCKPILED AND CONSULTATION WITH THE HEALTH DEPARTMENT AND NO MORE THAN 5% USED TO COVER THE SEPTIC SYSTEM. TREE REMOVALS, IF REQUIRED, SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE CERTIFYING ENGINEER PRIOR TO CUTTING.
- 2. FILLING AND GRADING SHOULD RESULT IN NO POCKETS OF WATER OVER ANY PORTIONS OF THE SYSTEMS. LIMIT OF FILL AND ALL OTHER CONSTRUCTION MUST BE PERFORMED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER (SEE PLAN AND SECTIONS).
- 3. PROPOSED FILL SHOULD BE OF GRANULAR MATERIAL WITH A MAXIMUM PERCOLATION RATE OF 1"/5 MINUTES TO 1"/10 MINUTES (IN PLACE), UNLESS OTHERWISE APPROVED BY THE CERTIFYING ENGINEER IN PASSING A NO. 200 SIEVE OR ANY STONES LARGER THAN 5" IN THEIR LONGEST DIMENSION. THE TOP 6 " OF FILL NEED NOT BE OF GRANULAR TYPE MATERIAL, BUT MUST BE APPROVED BY THE CERTIFYING ENGINEER. IN ADDITION, ANY CLEAN "SELECT" FILL, IF USED AROUND THE PRIMARY SEPTIC SYSTEM, SHALL BE FREE OF ANY DELETERIOUS MATERIAL SUCH AS BUT NOT LIMITED TO CONSTRUCTION DEBRIS, BOULDERS, WETLAND TYPE SOILS, STUMPS, OR FROZEN MATERIAL AND SHALL BE APPROVED PRIOR TO PLACEMENT BY THE CERTIFYING ENGINEER IN CONSULTATION WITH THE COUNTY HEALTH DEPARTMENT ENGINEER.
- 4. THE CERTIFYING ENGINEER AND THE HEALTH DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF 72 HOURS PRIOR TO EXCAVATION FOR THE SEPTIC FILL AREA SHOWN HEREON. LIMIT AND DEPTH OF EXISTING SOIL REQUIRED TO BE REMOVED WITHIN THE PROPOSED SEPTIC AREA SHALL BE IDENTIFIED BY THE CONTRACTOR AND CONFIRMED BY THE CERTIFYING ENGINEER PRIOR TO EXCAVATION. SPECIAL CARE WILL BE REQUIRED TO INSURE THAT THE NEWLY EXPOSED SUBSOIL SURFACE IS THOROUGHLY SCARIFIED AND "ROUGHED UP" SO THAT THE PROPOSED SEPTIC FILL WILL PROPERLY "MARRY" INTO IT.
- 5. THE FOLLOWING STONE AGGREGATE UTILIZED IN LEACHING SYSTEM INSTALLATION SHALL MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCEN ⁻	T PASSING
SIEVE SIZE	NO. 4 STONE	
2"	100	
1.5"	90-100	
1"	20-55	
3/4"	0-15	
1/2"	N/A	
3/8"	0-5	
#4	N/A	
#40	0-3	
#200	0-1.5	

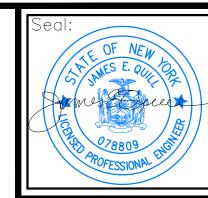
6. THE FOLLOWING SELECT FILL BREAKDOWN IS REQUIRED:

SIEVE SIZE	PERCEN [*]	T PASSING
SIEVE SIZE	WET SIEVE	
#4	100	
#10	70-100	
#40	10-50*	
#100	0-20	
#200	0-5	

*PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

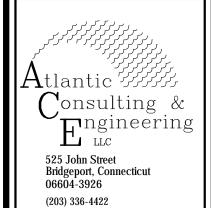
- 7. PRIOR TO THE PLACEMENT OF SELECTED FILL, THE CONTRACTOR SHALL AT HIS EXPENSE, PROVIDE TO THE COUNTY HEALTH DEPARTMENT AND THE CERTIFYING ENGINEER, A CERTIFIED LABORATORY ANALYSIS OF THE GRADATIONS OF SELECTED FILL AND COMPACTION CHARACTERISTICS OF THE FILL.
- 8. ALL DISTURBED AREAS ARE TO BE RESTORED UPON COMPLETION OF CONSTRUCTION. AREAS SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL, SEED AND HAY MULCH UNLESS OTHERWISE DIRECTED BY THE CERTIFYING ENGINEER.
- 9. ALL PROPOSED SEPTIC FILL AREAS ARE TO BE TESTED PRIOR TO INSTALLATION OF LEACHING UNITS.
- 10. NO PERMANENT STRUCTURES SHALL BE CONSTRUCTED OVER EITHER THE PROPOSED PRIMARY OR RESERVE SEPTIC AREA SHOWN ON THESE PLANS.

GRAPHIC SCALE - FEET



Orientation:

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(203) 336-1769 FAX

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OAK HILL CEMETERY MAUSOLEUI 140 NORTH HIGHLAND AVENUE NYACK, NEW YORK

Job Number: 18-3568

Job Start Date: 10/24/18

Issued For:	Date:
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SWPPP REVISION 2	2/15/2021

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NOTES & DETAILS

Scale: AS NOTED

Sheet Number:

C-2.1