

ATLAS LOCATION

BUILDING COVERAGE:

Percent Coverage Calculation

Lot Area: 23782.1 Sq.Ft.
Existing Area:
Existing Dwelling = 4000.0 Sq.Ft.
Existing Front Porch = 117.0 Sq.Ft.
Proposed Area:
Proposed Outdoor Kitchen = 65.3 Sq.Ft.
Proposed Roof Over = 384.0 Sq.Ft.
Proposed Fire Structure = 14.0 Sq.Ft.

Total Coverage: 4580.3 Sq.Ft.
Percent Coverage = $\frac{\text{Total Coverage}}{\text{Lot Area}} \times 100\% = 19.3\%$
Percent Coverage = $\frac{4580.3 \text{ Sq.Ft.}}{23782.1 \text{ Sq.Ft.}} \times 100\% = 19.3\%$
Percent Coverage = $19.3\% > 15.0\% \text{ M.C.}$

IMPERMEABLE LOT COVERAGE:

Existing Lot Coverage Calculation

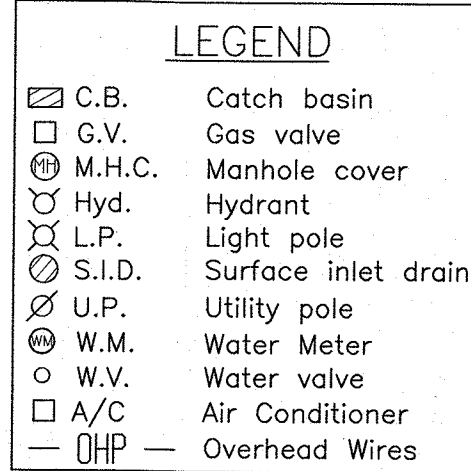
Lot Area: 23782.10 Sq. Ft.
Existing Area:
Existing Dwelling = 4000.0 Sq. Ft.
Existing Driveway = 3100.0 Sq. Ft.
Existing Patio = 650.0 Sq. Ft.
Existing Walkway = 475.0 Sq. Ft.
Existing Concrete Utility Pad = 239.4 Sq. Ft.
Total Coverage: 8464.4 Sq. Ft. > 7467.50 Sq. Ft.

Proposed Lot Coverage Calculation

Lot Area: 23782.10 Sq. Ft.
Existing Area:
Existing Dwelling = 4000.0 Sq. Ft.
Existing Driveway = 3100.0 Sq. Ft.
Existing Concrete Utility Pad = 239.4 Sq. Ft.
Proposed Area:
Proposed Pool = 800.0 Sq. Ft.
Proposed Spa = 100.0 Sq. Ft.
Proposed Outdoor Kitchen = 65.3 Sq. Ft.
Proposed Pool Equipment = 13.5 Sq. Ft.
Proposed Fire Structure = 14.0 Sq. Ft.
Proposed Roof Over = 384.0 Sq. Ft.
Total Coverage: 6091.2 Sq. Ft. < 7467.50 Sq. Ft.

ZONING	REQUIRED	EXISTING	PROPOSED
Area	14500 SQ. FT.	23782.1 SQ. FT.	23782.1 SQ. FT.
Front Yard	35'	50.7'	50.7'
Side Yard	15'	9.8'	9.8'
Rear Yard	25'	121.7'	121.7'
Street Frontage	100'	100.1'	100.1'
Max. Building Coverage	15%	17.3%	19.3%
Max. Permitted Impervious Coverage	7467.5 SQ. FT.	8464.4 SQ. FT.	6091.2 SQ. FT.

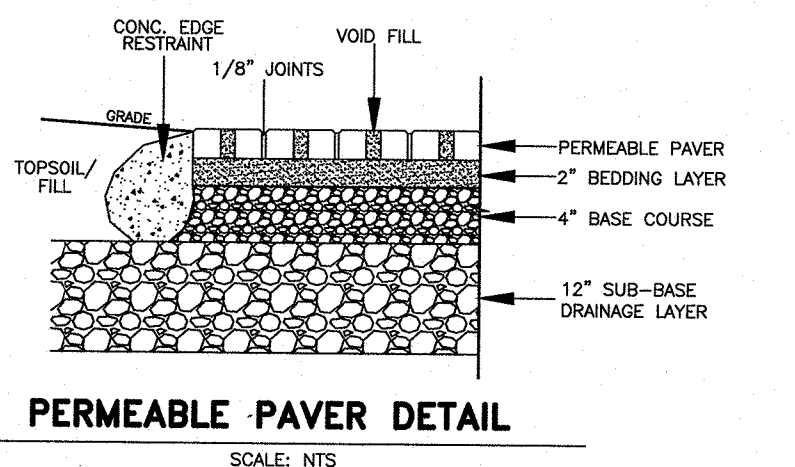
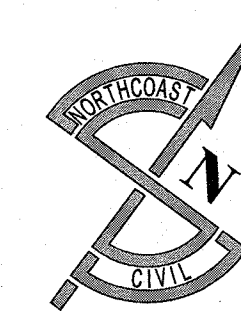
ZONED: Residence District B



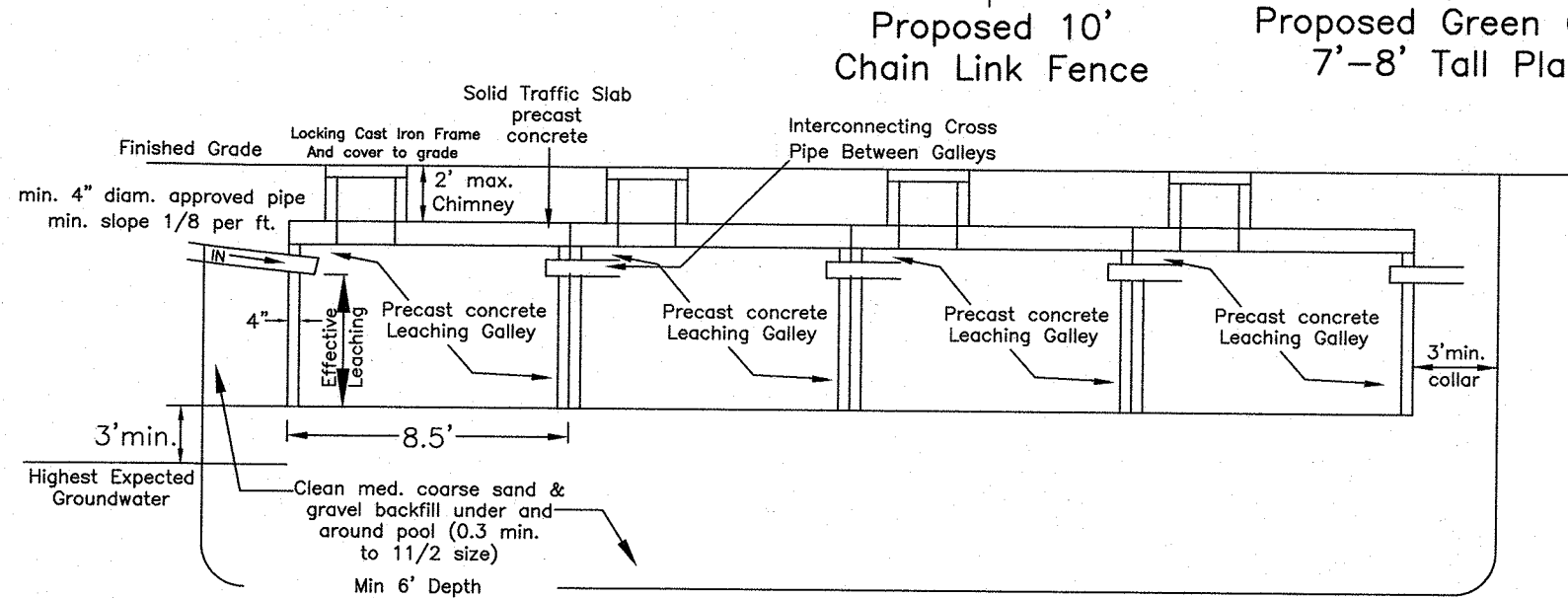
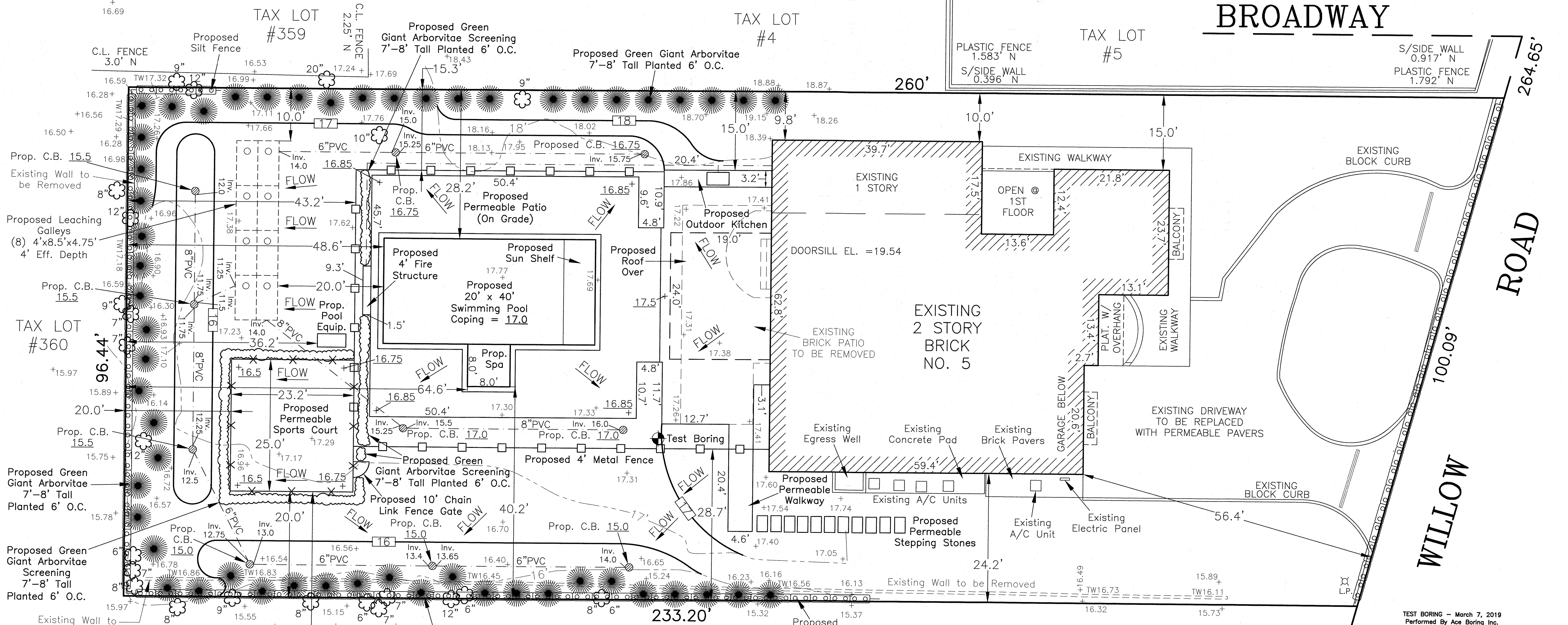
Legend:
Exist. Contour As Shown:
Prop. Contour As Shown:
Prop. Spot Grade: 184.75
Exist. Spot Grade: 184.75
Limits of Disturbance As Shown:
Trees To Be Removed As Shown:
Total Trees To Be Removed: 0
Proposed Silt Fence As Shown:

Note: Doors leading into pool enclosure area to have door alarms-R326.4.2.8
Note: All water either overflowing or emptying from the pool shall be disposed of on the owner's property.
Note: All lights used to illuminate the swimming pool or pool area shall be shielded so as to prevent the shining upon the property of any adjacent property owner.
Note: No Loudspeaker device or equipment of any kind shall be installed or used in or about the swimming pool or pool area unless same shall be muted so as to prevent any noise from being heard beyond the property lines of the owner's land.
Note: Swimming pool shall be equipped with an approved pool alarm device as per the Residential Code of New York State. The alarm shall be capable of detecting a child entering the water and giving an audible alarm when it detects a child entering the water. The alarm shall be classified by Underwriters Lab (or other approved independent testing lab) to reference standard ASTM F2208 and shall produce audible poolside and at another location on the premises where the swimming pool is located. All devices shall be installed, used and maintained in accordance with the manufacturer's specifications.

Note: Suction outlets shall be designed to produce circulation throughout the pool & spa, and shall be protected against user entrapment.
Note: Provide suction fittings as per R326.6.2
Note: Provide atmospheric vacuum relief system as per R326.6.3
Note: Provide dual drain separation as per R326.6.4
Note: Pool cleaner fittings to comply with R326.6.5
Note: The proposed swimming pool shall be surrounded by a temporary barrier during installation or construction and shall remain in place until a permanent barrier in compliance with R326.5.2 of the NYS Supplement
Note: Once construction is complete in compliance with R326.5.3 of the NYS Supplement
Note: All pool barrier gates shall comply with Village of Woodburgh Building Codes And New York State Building Codes
Note: All existing and proposed fencing to be located or relocated, to be on or Within the property lines of the subject parcel



NOTES:
SUB-BASE: OPEN-GRADED AGGREGATE COMPRISED OF 2" TO 3" FRACTURED ROCK.
BASE: OPEN-GRADED AGGREGATE COMPRISED OF SMALL TO MEDIUM SIZED STONE (1/2" TO 1").
BEDDING COURSE: OPEN-GRADED AGGREGATE BENEATH UNIT PAVERS COMPRISED OF SMALL STONE CHIPS (1/4" TO 3/8").



LEACHING GALLEY DETAIL
(NOT TO SCALE)

DRAINAGE CALCULATIONS SYSTEM A:

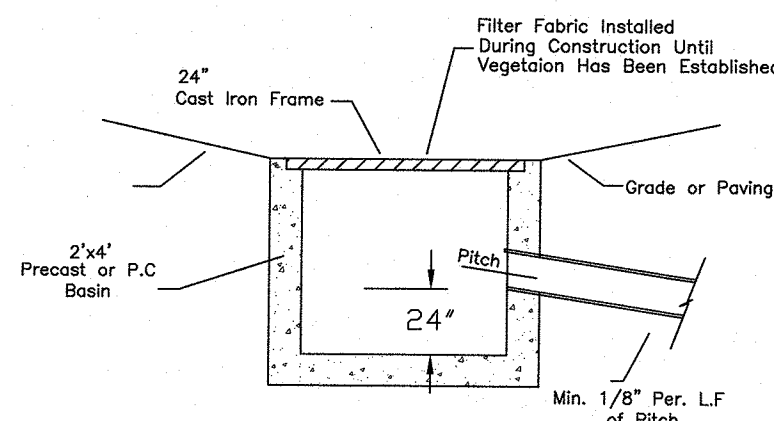
Proposed Patio = 2612.4 s.f.
Runoff = 2612.4 s.f. x 3"/12 = 653.1 cu.f.

Proposed Pool & Spa = 860.0 s.f.
Runoff = 860.0 s.f. x 3"/12 = 215.0 cu.f.

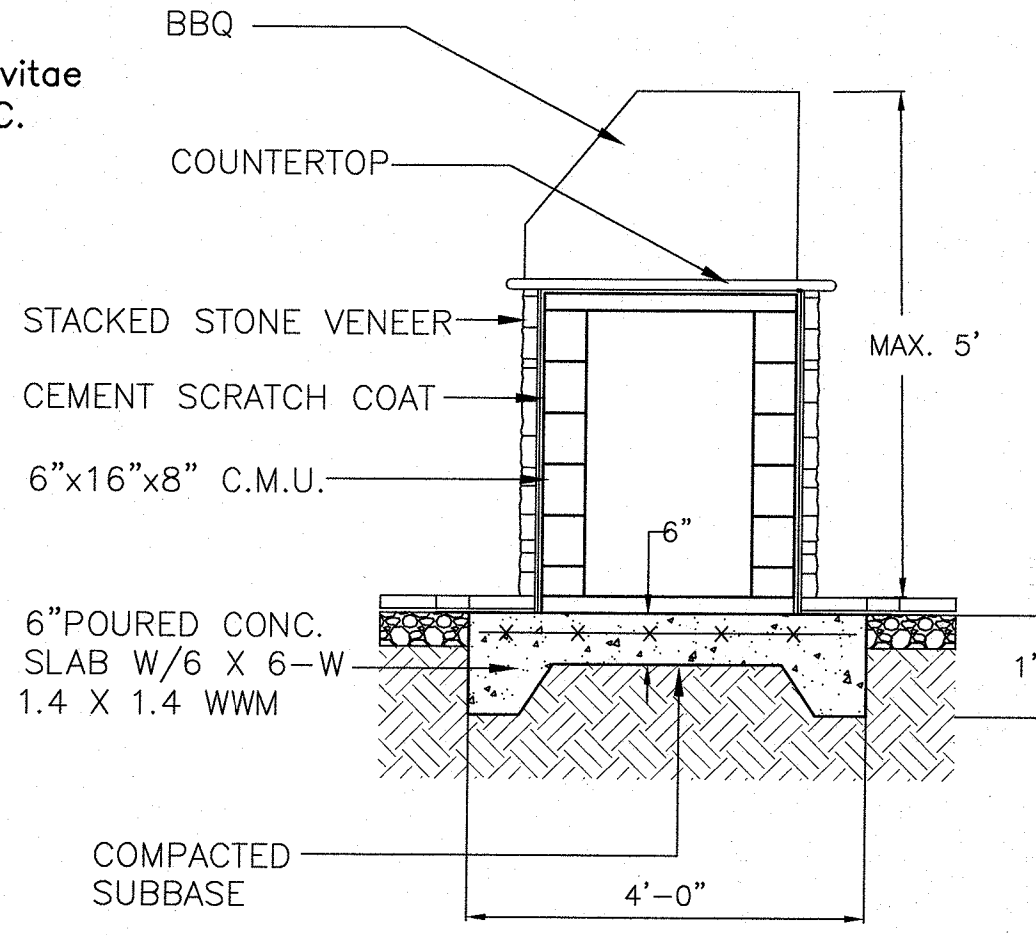
Proposed Sports Court = 580.0 s.f.
Runoff = 580.0 s.f. x 3"/12 = 145.0 cu.f.

1013.1 cu.ft./ 34.0 cu.f. per ft. of 4'x8.5' Leaching Galley
= 29.8 ft. req'd.

Use 8 galleys 4.5' deep, 4' eff. depth = 32.0'

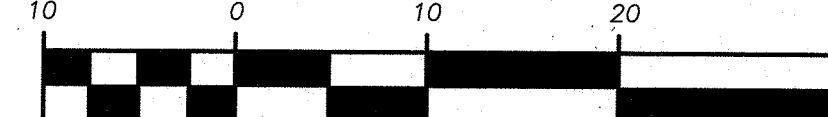


CATCH BASIN DETAIL
(NOT TO SCALE)



OUTDOOR KITCHEN DETAIL
N.T.S.

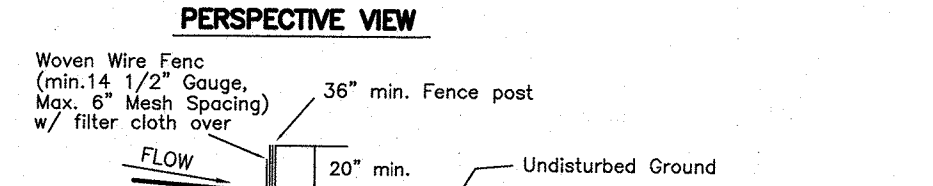
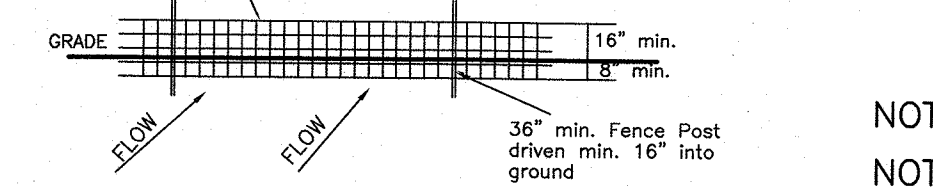
GRAPHIC SCALE



(IN FEET)
SCALE: 1" = 10'

SILT FENCE DETAIL

POSTS: Steel either "T" or "U" Type or 2" Hardwood
FENCE: Woven Wire, 14 1/2 ga. 6" max mesh opening
FILTER CLOTH: Filter X, MIRAFI 100X, STABALINKA TT40N or approved equal.
PREFABRICATED UNIT: Geofab, Envirofence, or approved equal



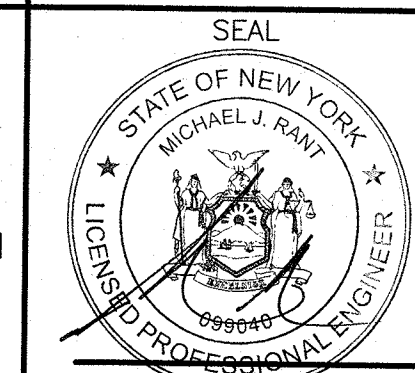
1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
3. When two sections of filter cloth adjoin each other they shall be overlapped by 6" and folded.
4. Maintenance shall be performed as needed and material removed when "bulges" develop in silt fence.

TAX LOT #768

Depth	From	To	Classification Of Soil
	Ground Surface	3.0'	Fill-Sand & Gravel
	3.0'	24.0'	Medium to Fine Sand, Trace Silt (SP)
	24.0'	31.0'	Medium to Fine Sand & Gravel Trace Silt (SP)
End of Boring: 31' Below Grade Ground Water Encountered at EL. 8.3', 9.0' Below Grade			

NOTE: THE PLANTINGS FOR THE SPORTS COURTS WILL SCREEN THE FENCE FROM VIEW.
NOTE: RUNOFF FROM THE SITE IS TO BE CONTAINED ON THE PROPERTY AND SHALL NOT RUN ONTO ADJACENT PROPERTIES OR THE ADJOINING ROADWAYS.

1/2	PROJECT INFORMATION
DATE	3/15/2021
DRAWN BY:	LGA
CHECKED BY:	MJR
SCALE:	1"=10'
AREA:	0.55 ACRES
DATUM:	23782.10 SQ. FT.
NAV'D'88	NCTM:

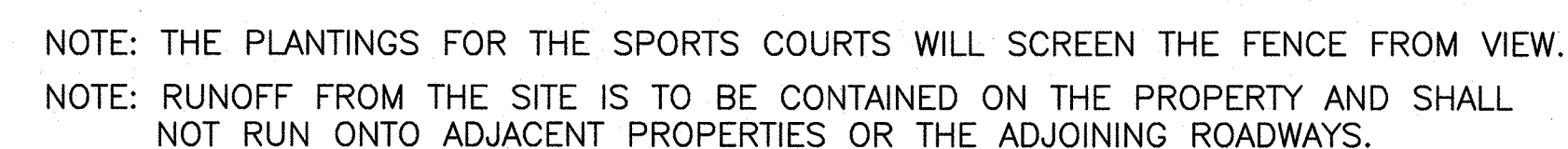


PROJECT
SITE PLAN OF PROPERTY
SITUATED: INCORPORATED VILLAGE OF WOODBURGH
41-39-767



23 SPRING STREET
OYSTER BAY, NY 11771
P:(516)922-3031 | F:(516)922-7475

REVISED: 4/20/2022
REVISED: 1/20/2022
REVISED: 11/17/2021
REVISED: 8/24/2021
REVISED: 8/10/2021
REVISED: 7/28/2021
REVISED: 4/16/2021



DRAINAGE CALCULATIONS SYSTEM A:

Proposed Patio = 2612.4 s.f.
Runoff = 2612.4 s.f. x 3"/12 = 653.1 cu.f.

Proposed Pool & Spa = 860.0 s.f.
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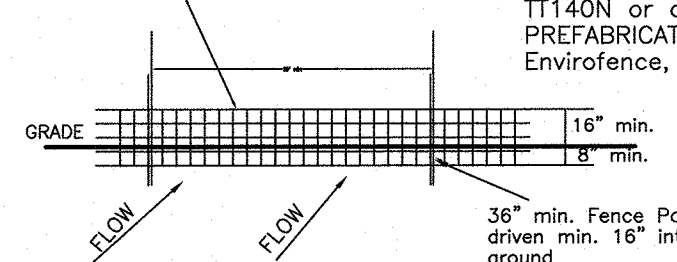
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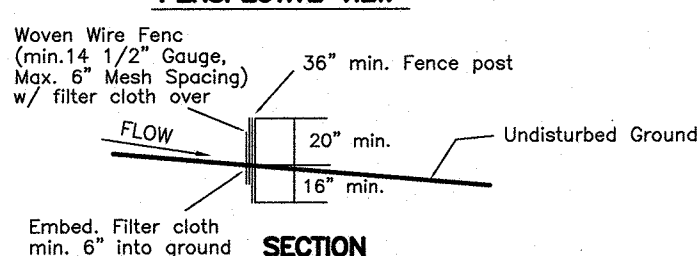
Use 8 galleys 4.5' deep, 4' eff. depth = 32.0'



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Type or 2" Hardwood
FENCE: Woven Wire, 14 1/2 ga.
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FILTER CLOTH: Filter X,
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PREFABRICATED UNIT: Geofab,
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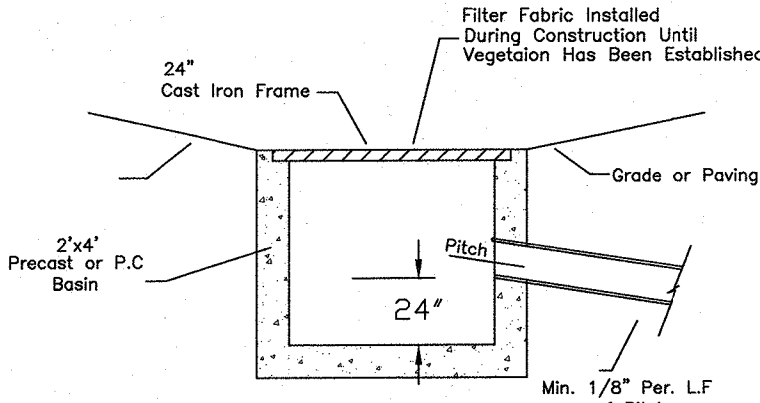


PERSPECTIVE VIEW



SECTION

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
3. When two sections of filter cloth adjoin each other they shall be overlapped by 6" and folded.
4. Maintenance shall be performed as needed and material removed when "buckles" develop in silt fence.














CATCH BASIN DETAIL

(NOT TO SCALE)

TEST BORING - March 7, 2019 Performed By Ace Boring Inc.		
Depth		
From	To	Classification Of Soil
Ground Surface	3.0'	Fill--Sand & Gravel
3.0'	24.0'	Medium to Fine Sand, Trace Silt (SP)
24.0'	31.0'	Medium to Fine Sand & Gravel Trace Silt (SP)
End of Boring: 31' Below Grade Ground Water Encountered at EL. 8.3'; 9.0' Below Grade		

LEGEND

- | | | |
|---|---------|-------------------|
|  | C.B. | Catch basin |
|  | G.V. | Gas valve |
|  | M.H.C. | Manhole cover |
|  | Hyd. | Hydrant |
|  | L.P. | Light pole |
|  | S.I.D. | Surface inlet dra |
|  | U.P. | Utility pole |
|  | W.M. | Water Meter |
|  | W.V. | Water valve |
|  | A/C | Air Conditioner |
|  | — OHP — | Overhead Wires |

Legend:

Exist. Contour As Shown:

Prop. Contour As Shown:

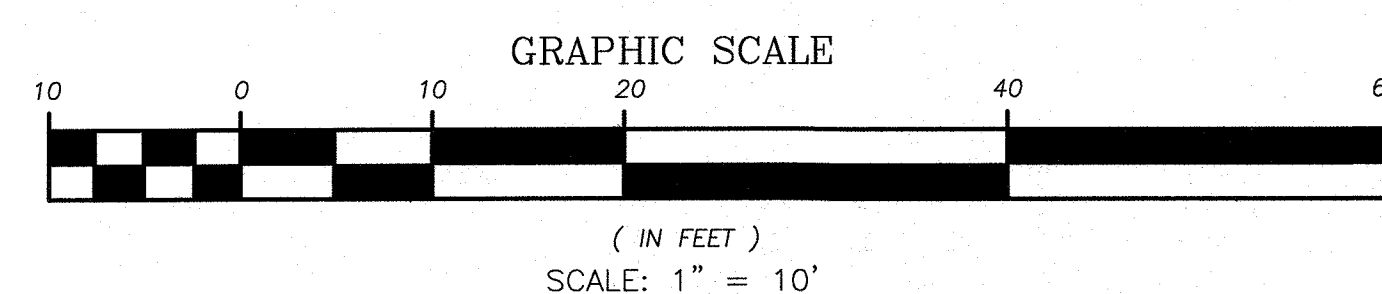
Prop. Spot Grade: 184.75

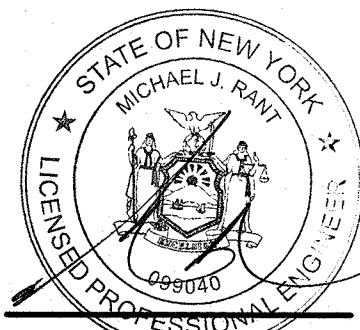

Exist. Spot Grade: 184.75
Limits of Disturbance As

Limits of Disturbance As Shown:
Trees To Be Removed As Shown

Total Trees To Be Removed: 0

Proposed Silt Fence As Shown:



<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; font-size: 24px; margin-bottom: 5px;">2/2</div> <div style="text-align: center;"> PROJECT INFORMATION DATE: 4/20/2022 DRAWN BY: LGA CHECKED BY: MJR SCALE: 1"=10' AREA: 0.55 ACRES 23782.10 SQ. FT. DATUM: NAVD'88 </div> </div>	<h1 style="margin: 0;">GRADING & DRAINAGE PLAN</h1> <p style="margin: 10px 0 0 0;">OF PROPERTY</p> <p style="margin: 0;">INCORPORATED VILLAGE OF WOODSBURG</p>	
	<p>41-39-767</p>	
	<p>SEAL</p>	
		
	 <p style="margin-top: 20px;">23 SPRING STREET OYSTER BAY, NY 11771 P: (516)922-3031 F: (516)922-7475</p>	