

## SITE DATA:

OWNER / DEVELOPER:

PROJECT LOCATION:

EXISTING TOWN ZONING: PROPOSED USE: TOWN TAX MAP DATA: SITE AREA : SEWAGE FACILITIES: WATER FACILITIES:

WILLIAMS CONTRACTING CO. 2534 WILDWOOD STREET YORKTOWN HEIGHTS, NY, 10598 1538 JACOBS ROAD CORTLANDT, NY, 10567 R1-40, ONE-FAMILY RESIDENTIAL R1-40, ONE-FAMILY RESIDENTIAL SECTION 36.09, BLOCK 1, LOT 13 0.96 ACRES (41,839 SF) PUBLIC SEWERS PUBLIC WATER FACILITIES

ZONING DISTRICT:	R1-40, SINGLE FAMILY RESIDENTIAL			
DIMENSIONAL REGULATIONS:	REQUIRED	PROVIDED	VARIANCE REQUIRED	
MINIMUM SIZE OF LOT:				
MINIMUM LOT AREA: MINIMUM LOT WIDTH: MINIMUM LOT DEPTH:	40,000 SF. 150 FT. 150 FT.	41,860 SF. 157 FT. 271 FT.	NONE NONE NONE	
MINIMUM YARD DIMENSIONS: PRINCIPAL BUILDING: FRONT YARD SETBACK: REAR YARD SETBACK: ONE SIDE YARD SETBACK: COMBINED SIDE YARD SETBACK:	50 FT. 50 FT. 20 FT. 50 FT.	50 FT. 50 FT. 20 FT. 50 FT.	NONE NONE NONE NONE	
MAXIMUM % OF LOT TO BE OCCUPIED: TOTAL BUILDING COVERAGE:	15% OF LOT AREA	4.8 % OF LOT AREA	NONE	
MAXIMUM HEIGHT: PRINCIPAL BUILDING - FEET:	35 FEET	35 FT MAX	NONE	

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<i>222</i>
× 222.8
200
+ 480
W
V
s§
FD
RD
SS
WS

# LEGEND

	EXISTING GRADING
	EXISTING SPOT GRADE
I	PROPOSED GRADING
	PROPOSED SPOT GRADE
I	PROPERTY LINE / RIGHT OF WAY
	DRIVEWAY CENTERLINE
	PROPOSED CURB
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING STONE WALL
	EXISTING SANITARY LINE
	PROPOSED FOOTING DRAIN
	PROPOSED ROOF DRAIN
	PROPOSED SEWER SERVICE CONNECTION
	PROPOSED WATER SERVICE CONNECTION











# LEGEND



EXISTING SPOT GRADE PROPERTY LINE / RIGHT OF WAY EXISTING WATER LINE EXISTING FIRE HYDRANT

EXISTING STONE WALL

EXISTING SANITARY LINE







PLAN

PROPOSED

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<u>CONTRACTOR CERTIFICATION STATEMENT</u> Certification Statement - All contractors and subcontractors as identified in a SWPPP, by the Owner or Operator, in accordance with Part III.A.5 of the SPDES General Permit for Stormwater Runoff from Construction Activity, GP-0-20-002, dated January 2020, shall sign a copy of the following Certification Statement before undertaking any construction activity at the Site identified in the SWPPP:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the Qualified Inspector during a site inspection. I also understand that the Owner or Operator must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Construction Activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

Individual Contractor: Name and Title (please print): Signature of Contractor: Company / Contracting Firm: Name of Company: Address of Company: Telephone Number / Cell Number: Site Information: Address of Site:

Today's Date:

### **OWNER / OPERATOR CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Further, I hereby certify that the SWPPP meets all Federal, State, and local erosion and sediment control requirements. I am aware that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Name (please print):	
Title:	

Date:

Address: Phone:

E-mail:

Signature:





NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW





# LEGEND

EXISTING SPOT GRADE PROPOSED GRADING

PROPOSED SPOT GRADE

DRIVEWAY CENTERLINE

EXISTING FIRE HYDRANT

EXISTING SANITARY LINE

PROPOSED FOOTING DRAIN

PROPOSED SOIL STOCKPILES

SAFE DIG

i two working days notice, but not m i ten days notice. v.digsafelynewyork.com

PROPOSED SILT FENCE

PROPOSED ROOF DRAIN

PROPOSED CURB

PROPERTY LINE / RIGHT OF WAY





### GENERAL EROSION CONTROL NOTES:

- 1. Contractor shall be responsible for compliance with all sediment and erosion control practices. The sediment and erosion control practices are to be installed prior to any major soil disturbances, and maintained until permanent protection is established. Road surface flows from the site should be dissipated with tracking pad or appropriate measures during adjacent road shoulder regrading. Contractor is responsible for the installation and maintenance of all soil erosion and sedimentation control devices throughout the course of construction.
- Catch basin inlet protection must be installed and operating at all times until tributary areas have been stabilized. When possible flows should be stabilized before reaching inlet protection structure. Timely maintenance of sediment control structures is the responsibility of the Contractor.
- All structures shall be maintained in good working order at all times. The sediment level in all sediment traps shall be closely monitored and sediment removed promptly when maximum levels are reached or as ordered by the engineer. All sediment control structures shall be inspected on a regular basis, and after each heavy rain to insure proper operation as designed. An inspection schedule shall be set forth prior to the start of construction.
- The locations and the installation times of the sediment capturing standards shall be as specified in these plans, as ordered by the Engineer, and in accordance with the latest edition of the "New York Standards and Specifications for Erosion and Sediment Control" (NYSSESC).
- 5. All topsoil shall be placed in a stabilized stockpile for reuse on the site. All stockpile material required for final grading and stored on site shall be temporarily seeded and mulched within 7 days. Refer to soil stockpile details.
- 6. Any disturbed areas that will be left exposed more than 7 days and not subject to construction traffic, shall immediately receive temporary seeding. Mulch shall be used if the season prevents the establishment of a temporary cover. Disturbed areas shall not be limed and fertilized prior to temporary seeding.
- 7. All disturbed areas within 500 feet of an inhabited dwelling shall be wetted as necessary to provide dust control.
- 8. The contractor shall keep the roadways within the project clear of soil and debris and is responsible for any street cleaning necessary during the course of the project
- 9. Sediment and erosion control structures shall be removed and the area stabilized when the drainage area has been properly stabilized by permanent measures.
- 10. All sediment and erosion control measures shall be installed in accordance with current edition of NYSSESC. 11. All regraded areas must be stabilized appropriately prior to any rock blasting, cutting, and/or filling of soils. Special care should be taken
- during construction to insure stability during maintenance and integrity of control structures. 12. Any slopes graded at 3:1 or greater shall be stabilized with erosion blankets to be staked into place in accordance with the manufactures requirements. Erosion blankets may also be required at the discretion of Town officials or Project Engineer. When stabilized blanket is utilized for channel stabilization, place all of the volume of seed mix prior to laying net, or as recommended by the manufacturer. 13. To prevent heavy construction equipment and trucks from tracking soil off-site, construct a pervious crushed stone pad. Locate and
- construct pads as detailed in these plans. 14. Contractor is responsible for controlling dust by sprinkling exposed soil areas periodically with water as required. Contractor to supply all
- equipment and water. 15. Contractor shall be responsible for construction inspections as per NYSDEC GP-0-20-001 and Town of Yorktown Code.

MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES: N.Y.S.D.E.C. GP-0-20-001 EXPOSURE RESTRICTIONS - States that any exposed earthwork shall be stabilized in accordance with the guidelines of this plan.

- 1. Trees and vegetation shall be protected at all times as shown on the detail drawing and as directed by the Engineer.
- 2. Care should be taken so as not to channel concentrated runoff through the areas of construction activity on the site.
- 3. Fill and site disturbances should not be created which causes water to pond off site or on adjacent properties.
- 4. Runoff from land disturbances shall not be discharged or have the potential to discharge off site without first being intercepted by a control structure, such as a sediment trap or silt fence. Sediment shall be removed before exceeding 50% of the retention structure's capacity.
- 5. For finished grading, adequate grade shall be provided so that water will not pond on lawns for more than 24 hours after rainfall, except in swale flow areas which may drain for as long as 48 hours after rainfall. 6. All swales and other areas of concentrated flow shall be properly stabilized with temporary control measures to prevent erosion and
- sediment travel. Surface flows over cut and fill areas shall be stabilized at all times.
- All sites shall be stabilized with erosion control materials within 7 days of final grading.
- 8. Temporary sediment trapping devices shall be removed from the site within 30 days of final stabilization.

### MAINTENANCE SCHEDULE:

	DAILY	WEEKLY	MONTHLY	AFTER RAINFALL	NECESSARY TO MAINTAIN FUNCTION	AFTER APPROVAL OF INSPECTOR
SILT FENCE		INSP.		INSP.	CLEAN/ REPLACE	REMOVE
WHEEL CLEANER	CLEAN				REPLACE	REMOVE

MAINTENANCE OF PERMANENT CONTROL STRUCTURES DURING CONSTRUCTION: The stormwater management system and outlet structure shall be inspected on a regular basis and after every rainfall event. Sediment build up shall be removed from the inlet protection regularly to insure detention capacity and proper drainage. Outlet structure shall be free of obstructions. All piping and drain inlets shall be free of obstruction. Any sediment build up shall be removed.

MAINTENANCE OF CONTROLS AFTER CONSTRUCTION:

Controls (including respective outlet structures) should be inspected periodically for the first few months after construction and on an annual basis thereafter. They should also be inspected after major storm events.

DEBRIS AND LITTER REMOVAL:

Twice a year, inspect outlet structure and drain inlets for accumulated debris. Also, remove any accumulations during each mowing operation.

STRUCTURAL REPAIR/REPLACEMENT

Outlet structure must be inspected twice a year for evidence of structural damage and repaired immediately.

**EROSION CONTROL:** 

Unstable areas tributary to the basin shall immediately be stabilized with vegetation or other appropriate erosion control measures.

SEDIMENT REMOVAL

Sediment should be removed after it has reached a maximum depth of five inches above the stormwater management system floor.

### CONSTRUCTION SEQUENCE

Refer to the Plan Set for all plans and details which relate to Construction Sequence.

- 1. A licensed surveyor must define infrastructure locations, limits of disturbance, stormwater basin limits, and grades in the field prior to start of any construction. Limits of disturbance shall be marked with the installation of construction fence or approved equal. The extents of all of the stormwater management systems shall be cordoned off to minimize the disturbance on this area. Install all perimeter erosion control measures, construction access as shown on the Erosion and Sediment Control Plan and the associated
- Details. Install silt fencing at the bottom of slopes.
- Strip site and place topsoil in stockpile locations shown on the plan.
- Begin rough grading the site. Contractor to limit exposure of denuded soils by providing temporary stabilization for work areas that will remain undisturbed for over seven (7) days. Excess material shall be stockpiled in the location shown on the plan as grades allow. Material unable to be stockpiled shall be removed from the site.
- Rough grade building and driveway.
- Begin construction of building Begin the excavation and installation of stormwater management system. Protect trenches and open excavations from erosion. Entry into the system shall be blocked off until site has reached final stabilization. Once system has been installed, backfill, seed where necessary,
- and reinstall measures to cordon off the system from disturbance. During site construction maintain and re-establish as required erosion control and stabilization measures as required by the site plan and
- 9. Excavate to the sub-grade level. Scarify the existing soil to a depth of 12-inches by rototilling or other means acceptable to the Engineer. Install all courses of stone as per the specifications given on the Plan.
- 10. Install base course of Item 4 in all pavement areas. Stabilize all open areas with seed and mulch. 11. Construct remainder of building, driveway and parking areas. Install asphalt binder. Once binder course is installed, drainage outlet may be unblocked.
- 12. Grade, place final soil topping and put in place permanent vegetative cover over all disturbed areas, landscape beds, slopes, etc. 13. Once site stabilization has taken place (An area shall be considered to have achieved final stabilization when it has a minimum uniform 80% perennial vegetative cover or other permanent non-vegetative cover with a density sufficient to resist accelerated surface erosion and subsurface characteristics sufficient to resist sliding and other movements), remove all temporary erosion and sediment controls, unplug the drainage system to allow runoff to enter the stormwater management system.

#### Winter Stabilization Notes:

If construction activities are expected to extend into or occur during the winter season the contractor shall anticipate proper stabilization and sequencing. Construction shall be sequenced such that wherever possible areas of disturbance that can be completed and permanently stabilized shall be done by applying and establishing permanent vegetative cover before the first frost. Areas subject to temporary disturbance that will not be worked for an extended period of time shall be treated with temporary seed, mulch, and/or erosion blankets.

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## TOPSOIL

xis	sting topsoil w	ill be removed	
excavation. Stockpiles shall be			
urn	ishing of new	topsoil shall b	
1.	The pH of th	e material sha	
2.	The organic	content shall r	
3.	Gradation:	SIEVE SIZE	
		2 INCH	

1 INCH

1/4 INCH NO. 200 MESH

1. Site preparation:

#### Scarify compacted soil areas. 1.2.

- 1.3. Lime as required to ph 6.5. 1.4. Fertilize with 10-6-4 4 lbs/1.000 S.F.

ALT. A

- 2. Seed mixtures for use on sw <u>MIXTURE</u>
  - CRI
  - RY

### ALT. B

- 3. SEEDING
- 3.2.
- 3.3.
- Stabilize seeded areas in drainage swales. 3.4. 3.5.
- 3.6.

SITE PREPARATION:

- 1. Install erosion control measures.
- 2. Scarify areas of compacted soil.
- 3. Fertilize with 10-10-10 at 400/acre. 4. Lime as required to ph 6.5.

## SEED SPECIES:

MIXTURE Rapidly germinating annual ryegrass (or approved equal) Perennial ryegrass Cereal oats

### SEEDING:

Same as permanent vegetative cover

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#### Individual Contractor:

Name and Title (please print):

Signature of Contractor:

Company / Contracting Firm:

Name of Company:

Address of Company: Telephone Number / Cell Number

Site Information: Address of Site:

Today's Date:

# **OWNER / OPERATOR CERTIFICATION**

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Name (please print):

Title:	
Date:	
Address:	
Phone:	
E-mail:	
Signature:	

### and stored in piles sufficiently as to avoid mixing with other surrounded by erosion control as outlined on these plans. The be of a better or equal to the following criteria (SS713.01 NYSDOT):

all be 5.5 to 7.6. not be less than 2% or more than 70%. % PASSING BY WGT. 100 85 TO 100 65 TO 100 20 TO 80

## PERMANENT VEGETATIVE COVER:

# 1.1. Install erosion control measures.

1.5. Incorporate amendments into soil with disc harrow.

vales and cut and fill areas.	
	LBS./ACRE
NTUCKY BLUE GRASS	20
EEPING RED FESCUE	28
E GRASS OR REDTOP	5
	20

CREEPING RED FESCUE REDTOP TALL FESCUE/SMOOTH BLOOMGRASS

3.1. Prepare seed bed by raking to remove stones, twigs, roots and other foreign material.

Apply soil amendments and integrate into soil. Apply seed uniformly by cyclone seeder culti-packer or hydro-seeder at rate indicated.

20

Irrigate to fully saturate soil layer, but not to dislodge planting soil.

Seed between April 1st and May 15th or August 15th and October 15th. 3.7. Seeding may occur May 15th and August 15th if adequate irrigation is provided.

### **TEMPORARY VEGETATIVE COVER:**







