



LAND DEVELOPMENT APPLICATION

SLOPE CLEARANCE PERMIT (CHAPTER 199 OF TOWN CODE)
STORMWATER CONTROL PERMIT (CHAPTER 130 OF TOWN CODE)

ENGINEERING
DEPARTMENT

1 HEINEMAN PLACE
HARRISON, NY 10528

E-MAIL:
ENGINEERING@HARRISON-NY.GOV

MUST BE COMPLETED FOR ALL LAND DISTURBING ACTIVITY

Land Disturbance Classification (please refer to checklist for appropriate requirements of each category)

Area of Land Disturbing Activity _____ Square Feet

Stormwater:

- N /A:** land disturbance less than 500 Sq.Ft.
- Tier 1:** land disturbance greater than 500 Sq.Ft., less than 20,000Sq.Ft.
- Tier 2:** land disturbance greater than 20,000 Sq.Ft., less than 1 Acre
- Tier 3:** land disturbance 1 Acre or greater

Slope Category: (area of each category should equal the total area of land disturbing activity)

0% - 15% _____ Sq.Ft. 25% - 35% _____ Sq.Ft.
15% - 25% _____ Sq.Ft. 35% + _____ Sq.Ft.

Description of Project

Site Information

Property address _____
Block _____ Lot _____ Zoning District _____
Size of Parcel _____ Square Feet (or) _____ Acres
Estimated Cost of Surface Water & Erosion Control Compliance \$ _____ (dollars)

Contact Information

Landowner — Name: _____ Street: _____
City _____ State: _____ Zip Code: _____
Phone _____ Fax _____ Email _____

Designer — Name: _____ Street: _____
City _____ State: _____ Zip Code: _____
Phone _____ Fax _____ Email _____

Contractor — Name: _____ Street: _____
City _____ State: _____ Zip Code: _____
Phone _____ Fax _____ Email _____

Inspector — Name: _____ Street: _____
City _____ State: _____ Zip Code: _____



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Land Description

- | | YES | NO |
|--|--------------------------|--------------------------|
| Are there any rights-of-way, easements, restrictive covenants or conditions of approval which encumber the property? If so, please indicate the nature of these restrictions and supply three (3) copies of the legal instrument (i.e. deed, covenant, conservation easement, approval letter, etc.) which created this restriction. | <input type="checkbox"/> | <input type="checkbox"/> |
| Is proposed work being done within a Floodway? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is proposed work being done within a Floodplain? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is proposed work being done within a wetland or wetland buffer? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is proposed work being done within 100 feet of a water course? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is proposed work being done within a Town right-of-way? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is proposed work being done within an easement located on the property? | <input type="checkbox"/> | <input type="checkbox"/> |
| Are trees larger than 4" being removed during this project? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is there fill being delivered from an off-site location? | <input type="checkbox"/> | <input type="checkbox"/> |
| Will there be any re-grading of the property during this project? | <input type="checkbox"/> | <input type="checkbox"/> |

IF LAND DISTURBANCE IS LESS THAN 500 SQ. FT., AND YOU HAVE ANSWERED YES TO ANY OF THE ABOVE QUESTIONS, YOU MUST COMPLETE THE GERNERAL REQUIREMENTS CHECKLIST FOUND ON PAGE 3 OF THIS APPLICATION

- Will you be connecting into a Town utility? YES NO

Design Information

IF LAND DISTURBANCE IS LESS THAN 500 SQUARE FEET, AND THE BUILDING DEPARTMENT DOES NOT REQUIRE THE SERVICES OF A DESIGN PROFESSIONAL ON ANY OTHER RELATED APPLICATION(S), A SEAL IS NOT REQUIRED BELOW

Plans Prepared By:

Name _____ License # _____



Signature of Professional Date _____

Signature of Owner Date _____

Signature of Applicant Date _____

For Engineering Department Use Only

- | | | |
|---|--|---|
| <input type="checkbox"/> Floodplain Disturbance Permit required | <input type="checkbox"/> Wetland Permit required | <input type="checkbox"/> Road Opening Permit required |
| <input type="checkbox"/> Planning Board approval required (watercourse) | <input type="checkbox"/> Fill/Re-grade Permit required | <input type="checkbox"/> Tree Permit required |
| <input type="checkbox"/> Building Inspector Slope Permit required | <input type="checkbox"/> Building Inspector Slope Permit with Planning Board approval required | |
| <input type="checkbox"/> Exempt from Slope Permit | <input type="checkbox"/> Planning Board approval required (floodplain) | |

Comments: _____



SITE PLAN REVIEW REQUIREMENTS

ALL SITE PLANS MUST CONTAIN THE FOLLOWING INFORMATION

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This checklist is provided as a list of minimum requirements for submittal of a site plan when requesting approval of a Land Development Application. It serves to help you and the Town/Village of Harrison expedite the processing of your permit application. Each application must include all "General Requirements" below. Depending upon the project classification (see Land Development Application), the appropriate stormwater "Tier Requirements" must also be submitted.

Address: _____

Date: _____

**TOWN
USE**

APPLICANT

GENERAL REQUIREMENTS

- All existing and/or proposed utilities must be shown (i.e. sanitary sewer, water service, gas service, septic areas, well etc.)
- Provide sight distance analysis for new intersections formed by proposed/realigned driveways
- Provide a profile for all proposed/realigned driveways. Driveways must include adequate platforms at garage and street levels.
- Provide location map of property. Include nearest cross streets and North arrow.
- Provide survey of property showing all easements, structures etc.
- Show all watercourses located within 100' of the property
- Show Flood Plain and Flood Way elevations and boundaries
- Show all wetland and wetland buffer boundaries
- Show all rock outcropping
- Provide rim, grate and invert elevations for all existing and proposed structures

SLOPES

- A slope analysis plan, performed by a design professional must be submitted. Slope analysis must include an accurate topographic representation of the disturbed area using a minimum of 2' contours. A slope category breakdown for the entire disturbed area must be shown using uniquely shaded areas for each category. Slope categories shall match the categories listed on the Land Development Application provided by the Building Department.

GRADING

- Proposed grading shall be done in a manner as to not cause increased runoff to neighboring properties. All existing and proposed grades shall be shown on the site plan. Arrows indicating direction of surface water flow must also be included.
- All existing walls found within property must be shown. Heights of walls must also be labeled.
- All proposed retaining walls must be shown with top and bottom of wall elevations. Details of wall must also be shown. Entire wall must be shown within property line (including footing).
- Identify all existing drainage paths (ditches, pipes, or overland flow) flowing onto or through subject property. Demonstrate that these paths will be protected and maintained.
- Label all existing and proposed floor elevations
- Label average grade around proposed structure

EROSION CONTROL

- Erosion control measures, (i.e. construction access pads, properly trenched silt fencing, staked hay bales, etc.) meeting NYSDEC requirements must be shown on all site plans. All erosion control must be properly installed and maintained prior to and throughout construction. Failure to comply will result in work stoppage and fines.

STORMWATER

- A stormwater system must be properly sized and designed. The entire stormwater system must be clearly shown and accurately depicted. Pipe inverts, structure locations, pipe size and pitch, and all appropriate calculations must be submitted. Depending upon the area of land disturbance, specific requirements must be met. Refer to the appropriate Stormwater Design Requirements found on the reverse side of this checklist. The NYSDEC Design Manual can be found here:
<http://www.dec.ny.gov/chemical/29072.html>



STORMWATER DESIGN REQUIREMENTS

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APPLICANT

STORMWATER "TIER 1" REQUIREMENTS

- Runoff from all newly created impervious areas shall be collected and conveyed to a stormwater management system.
- The management system is properly sized to store 3 inches of runoff over these impervious areas. No credit for pre-existing impervious areas is taken.
- Design of the management system, including the percolation test results and subsurface exploration results is certified by the design professional.
- Demonstrate that the proposed stormwater system will drain between storms.
- Demonstrate that overflows from the systems do not create erosion or is not directed to areas where negative impact will occur. System overflows shall be directed through downspout, surcharge pipes or driveway drains.
- In cases where soil conditions do not permit both infiltration and storage, water quality as well as 24 hour storage for the 1 year storm event from the impervious areas shall be designed. A zero increase in the peak rates for a 10 and 25 year storm shall be accomplished. In areas that site conditions impede the management's functionality, the Town Engineer may use his discretion.

STORMWATER "TIER 2" REQUIREMENTS

- All requirements set for "Tier 1" must be satisfied. (see above)
- Design, inspection and certification of stormwater system must be performed by a New York State licensed Professional Engineer, or a qualified Stormwater Professional.
- Erosion Control inspection reporting shall follow the regulations set by the NYSDEC manual.
- As-Built drawings of the stormwater management system shall be submitted.

STORMWATER "TIER 3" REQUIREMENTS

- All requirements set for Stormwater "Tier 1" and Stormwater "Tier 2" must be satisfied. (see above)
- During the design of the proposed stormwater system, requirements set forth in the NYSDEC Design Manual must be properly used and satisfied. The NYSDEC Design Manual can be found here: <http://www.dec.ny.gov/chemical/29072.html>
- Water Quality** requirements must be met: the 90% Rule has been applied..
- Channel Protection** requirements must be met: 24-hour detention of the post-developed 1-year, 24-hour storm event has been demonstrated.
- Overbank Flood** requirements must be met: Peak discharges from the 10-year storm has been controlled to meet the 10-year pre-development rates..
- Extreme Storm** requirements must met: Peak discharges from the 100-year storm has been controlled to meet the 100-year pre-development rates.
- A NYSDEC Notice of Intent (NOI) along with notification of authorization from the NYSDEC is required prior to the issuance of any building permits.
- Land disturbance greater than 5 acres is not permitted.