

PROPERTY ADDRESS: _____



Town of Irondequoit
 Department of Community Development
 1280 Titus Avenue
 Rochester, New York 14617
 585-336-6017
 585-467-4953 (fax)
 www.irondequoit.org

EPOD Permit Submittal Checklist

The following are the submittal items necessary to obtain an Environmental Overlay Protection District (EPOD) permit. In order for your application to be deemed complete, Town staff will review your plans against this checklist. Incomplete submittal packages will not be accepted. Please contact Community Development should you have any questions regarding the submittal requirements or the information needed.

It is highly recommended that the applicant schedule a pre-application meeting with staff.

The Planning Board may require a Letter of Credit for proposed work.

SECTION A: LETTER OF INTENT

The Letter of Intent, addressed to the Planning Board, explains the nature of the proposed project.

1. What is the current or proposed use of the property? _____
2. What is to be built on the site? _____
3. Expected construction start and completion dates. _____
4. Describe the extent of disturbance to the EPOD area, including earthwork and tree removal. _____
5. Is there a reasonable alternative to disturbing an EPOD area? _____
6. Is a NYSDEC approval required? Has an application been made? _____

SECTION B: SHORT ENVIRONMENTAL ASSESSMENT FORM

A long EAF may be required for larger projects.

Applicant

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Town Staff

Town of Irondequoit

EPOD Permit Submittal Checklist

Steep Slopes

Town Code Sections 235-46 and 235-52

SECTION C: REQUIRED INFORMATION

A minimum of the following information must be shown on a scaled, dated, site plan prepared and signed by a professional civil engineer licensed by the state of New York

1. The location of all existing and proposed buildings, structures, utility lines, sewers, water and storm drains, drainage patterns, drainage ways, swales and impervious surfaces on the property and within 200 feet of the proposed work site.
2. A location plan and boundary survey of the property with the north arrow and property address and tax ID number(s).
3. Existing and proposed contours at intervals no greater than two (2) feet.
4. Quantities in yards of cuts and fills.
5. The location of all EPOD boundaries (i.e. steep slopes, woodlots, floodplains, watercourse, and wetlands and buffers) on site.
6. Identification of slopes of 15-20%, 20-30%, and >30% with an overlay of proposed structures (including retaining walls, septic systems, and leach fields).
7. The location(s) and detail(s) of temporary silt fencing for erosion/siltation control. (Straw bales are no longer accepted methods for erosion control.)
8. The location and detail of temporary construction fence to delineate area of no-disturbance on site.
9. The location of all existing and proposed vegetation and shrub masses, as well as all trees with a diameter of six (6) inches or more, within and adjacent to the disturbed area(s).

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SECTION C: REQUIRED INFORMATION (con't.)

- 10. A list of trees six inches in diameter to be removed from the site with specification of size, type and condition. _____

- 11. *For buildings:* A section through the proposed structure(s) with the angle of repose, according to soil type, shown from the toe of the slope and calculations of the angle of repose, signed and stamped by a professional civil engineer or registered architect licensed by the State of New York (see pg. 5). _____

- 12. *For retaining structures:* Structural details and calculations for non-manufactured retaining structure(s) over 18" in height signed and sealed by a professional civil engineer or registered architect licensed by the state of New York. (Non-manufactured walls include segmental block walls with reinforced earth.) _____

- 13. *For areas that do not support vegetation:* Location and detail of an appropriate soil cover (i.e. stone pavers) for steep slope areas which will not support vegetation (i.e. beneath a deck in full shade). _____

- 14. Access down steep slopes shall be provided with ramp slopes no greater than 16% and side slopes no greater than 30% if not terraced or otherwise structurally stabilized. Disturbed non-roadway areas shall be stabilized with vegetation or other approved physical means. Completed roadways shall be stabilized and adequately drained. _____

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Town Staff
<p>_____ n/a _____</p> <p>_____ n/a _____</p> <p>_____ n/a _____</p> <p>_____ n/a _____</p> <p>_____ n/a _____</p>

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SECTION D: REQUIRED NOTES ON SITE PLAN

1. The proposed construction will not cause uncontrolled erosion or slippage of soil into Irondequoit Bay, Lake Ontario, the Genesee River and associated wetlands or tributaries. _____
2. All structural foundations will be placed on virgin, undisturbed soils. _____
3. Surface runoff or downspouts will not be allowed to discharge on slopes greater than 15%. Such waters will be discharge from a closed drainage system to the toe of the slope or into a recharge structure or dedicated storm water system. _____
4. Disturbed slopes in the EPOD must be re-graded and stabilized as soon as practical, but within 30 days or less. _____
5. Disturbance of steep slope areas is the minimum required for completion of construction. _____
6. Final grades do not exceed 3 horizontal to 1 vertical. _____
7. Temporary erosion control will be provided for all disturbed areas; it will be installed before the works starts, maintained until restoration is complete, and removed once slope is stabilized. _____
8. All temporary and permanent erosion control measures shown on the plan have been designed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. _____
9. The selection of restoration materials (vegetative and non-vegetative) shown on the plan considers final grade and local soil conditions and is appropriate for the project site. _____
10. The angle of repose for the site has been determined to be _____ degrees. Structures are located outside the critical angle of repose and not subject to earth movement. _____
11. Construction schedule including the sequence of operation and start and finish dates for each operation (i.e., installation of temporary erosion control measures and construction fencing; earthwork/grading; tree removal; stabilization measures; construction of utilities; septic system; retaining wall; structures; etc. _____

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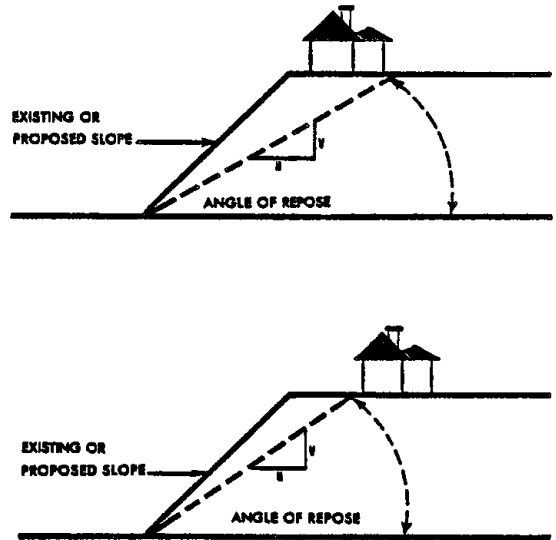
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MAXIMUM ANGLE OF REPOSE			
General Soil Type	Slope (vert. to horiz.)	% Slope	Angle (degrees)
SAND	1 on 2	50	26.6
SAND AND CLAY	1 on 1-1/2	66.7	33.7
CLAY (dry)	1 on 2	50	16.6
CLAY (damp, plastic, etc.)	1 on 3	33.3	18.4
GRAVEL	1 on 1-1/2	66.7	33.7
ROCK	3 on 1	300	71.6
SILTS	1 on 4	25	14



Applicant's comments on any boxes unchecked _____

Signature of Applicant or Applicant's Engineer/Architect

Date

Signature of Applicant's Engineer/Architect

Date

Reviewer

Date