

MEMO

To: Wayland Conservation Commission

From: Ben Gary, RLA

CC: Wayland Recreation Commission

Date: July 13, 2017

Project: Oxbow Meadows Athletic Field

Revised Site Plan

We are submitting this day a Chapter 193 Application with Site Plan for the proposed Athletic Field at Oxbow Meadows. The Plan dated 7-10-17 has been revised to reduce the width of the proposed field from 70 to 65 yards and the overrun area around the field from 20 feet to 15 feet. These revisions reduce the proposed disturbed area to limit the number of trees to be removed on the south side of the field adjacent to the existing walking path. New Eastern White Pine will be planted on the project site in place of the approximate 40 trees 8" in diameter) to be removed.

The new trees will be planted to screen the existing paved parking and the proposed crushed stone parking as well as along the perimeter of the existing Pines to remain near the field. In addition as requested by the Planning Board the proposed vehicular turn around near the entrance to the paved parking has been deleted.

Grading and Drainage

The proposed finish grades for the field are essentially the same as exist. There is and will be a 1% slope to the north and with the proposed parking being crushed stone, no additional surface water runoff is expected. The Contractor will be responsible for filing a SWPPP (Stormwater Pollution Preventative Plan) with the EPA.

General Design

The proposed field and parking will not impact the existing paths. There are no proposed lights, bleachers or scoreboard proposed. Test pits show the average depth of loam to be 6 inches which is the proposed compacted depth of loam for the fields therefore it is not anticipated that additional loam will be necessary.



TOWN OF WAYLAND
MASSACHUSETTS
01778

CONSERVATION COMMISSION

TOWN BUILDING
41 COCHITUATE ROAD
TELEPHONE: (508) 358-3669
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CHAPTER 193 APPLICATION
Stormwater Management and Land Disturbance Bylaw

A. General information

1. Project Location

a. Street Address 91 Oxbow Road b. City/Town Wayland c. Zip code 01778
d. Parcel/ Lot Number 01/047

2. Applicant:

a. First Name _____ b. Last Name _____
c. Street Address _____
d. City _____ e. State _____ f. Zip Code _____ g. Work/ Cell Phone # _____
h. Email Address _____

3. Property Owner (required if different from applicant):

a. First Name Thruston b. Last Name Wright
c. Street Address 16 Jeffrey Rd.
d. City Wayland e. State MA f. Zip Code 01778 g. Work/ Cell Phone # _____
h. Email Address agustic155@aol.com

4. Representative (if any):

a. First Name Ben b. Last Name Gary
 c. Company Marshall/Gary LLC
 c. Street Address 17 Naumkeag Row
 d. City Danvers e. State MA f. Zip Code 01923 g. Work/ Cell Phone # _____
 h. Email Address bgary@mgary.com

5a. Project Type Checklist (check all that applies):

1. Creation of new or increasing existing impervious surface of 500 sq. ft. or more.

Impervious Surface: Is any material or structure on or above the ground that prevents water infiltration to the underlying soils. Impervious surface includes without limitation roads, paved parking lots, sidewalks, stone patios, decking, and rooftops.

2. Alteration and/or land disturbance of at least 5,000 sq. ft. or 10% of the parcel; whichever is less.

Alteration and/or land disturbance as defined in Chapter 193 Bylaw.

5b. General Project Description:

Construction of athletic field and crushed stone parking

B. Additional Information

By submitting an application for coverage under the Stormwater Management and Land Disturbance Permit, the Applicant agrees to the following:

1. At a minimum, the proposed project complies with the performance standards of the most recent version of the Massachusetts Stormwater Management Handbook including but not limited to:
 - a. Employing environmentally sensitive site design
 - b. Evaluation of Low Impact Development practices
 - c. Incorporation of source controls of contaminants and employing BMPs to minimize stormwater pollution
 - d. Sizing of water quality volume of BMPs are based on 1-inch of runoff
 - e. Methodology for hydrologic analyses (if necessary) is based on TR-55/TR-20 methodology
 - f. Designing redevelopment of existing sites must provide a net improvement to stormwater conditions at the site.
2. The activity shall not increase either the rate or volume of stormwater runoff leaving the site, nor shall it alter stormwater flow to any adjoining properties, public ways, or any wetland resource areas, unless otherwise permitted based on improvements over existing conditions.

Please check all that apply to this project:

- Roof drains emptying into dry wells/recharge basins
- Grassed swales constructed
- Porous pavement installed; 11,400 sq. ft.
- Water quality swale
- Rain barrels/cisterns for irrigation
- Other methods (please list/describe): _____

3. The Applicant shall provide and maintain Erosion and Sedimentation controls as necessary until the site is permanently stabilized. BMP's selected for erosion controls shall be chosen to minimize site disturbance from erosion control installation. As soon as the site is stabilized, such measures shall be removed.

Please check all that apply to this project:

- Sediment filter fence with either hay bales or straw wattles
- Mulch filled fabric sock
- Construction entrance
- Temporary vegetative cover – mulch, netting
- Permanent vegetative cover – hydro seeding, seeding, sodding
- Slope stabilization
- Retaining Walls
- Slope drains
- Other methods (please list/describe): _____

4. The Applicant shall ensure that the site and stormwater management systems are perpetually inspected and maintained to function as designed.

Please check all that apply to this project:

- Visual inspections by contractor
- Visual inspections by homeowner
- Operation and Maintenance Plan
- Maintenance contract for stormwater components
- Other methods (please list/describe): _____

5. Other Jurisdiction

- Massachusetts Wetlands Protection Act (310 CMR 10.00) and it's implementing Regulations
- Wayland's Wetlands and Water Resource Protection Bylaw – Chapter 194
- Subdivision Approval

- Board of Health Permit
- Special Permit or Site Plan Review
- Building Permit

C. Fees

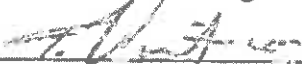
Applicants must submit a \$100 application fee.

D. Signatures and Submittal Requirements

I certify that I have reviewed the design standards above and the information contained herein, including all attachments, is true, accurate, and complete to the best of my knowledge. Further, I grant the Wayland Conservation Commission and its authorized Agents permission to enter the property to review this application and make inspections before, during and after construction. I have included a check for the application fee of \$100.


 Signature of Applicant

July 13, 2017
 Date


 Signature of Property Owner (if different)

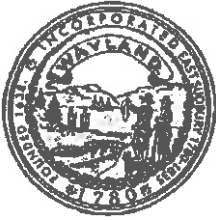
7/13/17
 Date

 Signature of Representative (if any)

 Date

For Conservation Commission:

Five copies of the completed Stormwater Management and Land Disturbance Bylaw (Chapter 193), including plans and documents, and the bylaw fee payment, to the Conservation Commission by mail or hand delivery.



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CHAPTER 193 APPLICATION
Stormwater Management and Land Disturbance Bylaw Checklist

Submittal Requirements:

The applicant shall file eight copies of the completed application package to the Conservation Commission for a Stormwater Management and Land Disturbance Permit. The application package shall include:

Application form with original signatures of all owners and representatives.

Five copies of the completed bylaw, including 11x17 size site plans.

Number and size (dbh) of proposed trees to be removed. Replanting will be based on Replacement Tree and Shrub Schedule.

Locus map showing location of the property.

Any and all applications fees (\$100 transmittal fee)

Stormwater Management and Land Disturbance Plan (per the Massachusetts Stormwater Management Regulations and Massachusetts Stormwater Management handbook as applicable for the scope of the project.)

Supporting Stormwater Management Report and engineering calculations (per the Massachusetts Stormwater Management Regulations and Massachusetts Stormwater Management handbook as applicable for the scope of the project.) The report must contain a narrative describing the project and how the project will comply with the Wayland Stormwater Management and Land Disturbance Bylaw. List any requested waivers and the reasons the standards cannot be met.

Stormwater Pollution Preventative Plan (SWPPP) if coverage is required under the U.S. EPA Construction General Permit, Multi-Sector Permit or an individual permit under the NPDES Phase II requirements.

Long-term Pollution Prevention Plan

Erosion and Sediment Control Plan

Stormwater System Operation and Maintenance Plan
