

TOWN OF STOW  
PLANNING BOARD

RULES AND REGULATIONS  
FOR  
SITE PLAN APPROVAL

ADOPTED: October 24, 1991  
Including Amendments adopted by the Planning Board on April 18, 2017  
and filed with the Town Clerk on XX, 2017

Price: \$10.00



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**SECTION 1**  
**GENERAL PROVISIONS**

**1.1 AUTHORITY**

These Site Plan Approval Rules and Regulations are adopted by the Stow Planning Board as authorized by M.G.L. Chapter 40A and the Stow Zoning Bylaw as amended.

**1.2 PURPOSE**

The purpose of these Rules and Regulations is to set forth uniform Rules applicable to any Application for a Site Plan Approval and to establish uniform procedures for conducting the business of the Board in accordance with the applicable provisions of the Zoning Act and the Stow Zoning Bylaw.

**1.3 DEFINITIONS**

In these Rules the following terms shall have the following meanings:

- 1.3.1 **Applicant:** Any person or such person's authorized representative who files an Application for a Site Plan Approval under the Bylaw.
- 1.3.2 **Application:** All Plans, Forms, Reports, Studies or other documents which are submitted to the Board under these Rules by an Applicant.
- 1.3.3 **Bylaw:** The Zoning Bylaw of the Town of Stow, as amended.
- 1.3.4 **Parties in Interest:** The Applicant; abutters; owners of land directly opposite on any private or public street or way; and abutters to the abutters within three hundred feet of the property line of the Applicant as they appear on the most recent applicable tax list, notwithstanding that the land of any such owner is located in another city or town; the Stow Planning Board; and the Planning Board of every abutting city or town.
- 1.3.5 **Rules:** The Site Plan Approval Rules and Regulations (hereinafter the Rules) as presented herein and subsequently modified hereafter.
- 1.3.6 **Site Plan:** Plans and supplementary information as described in these Rules.
- 1.3.7 **Planning Board:** Stow Planning Board as designated by and indicated in the Table of Principal Uses and Sections VI and VII of the Stow Zoning Bylaw.
- 1.3.8 **Subdivision Rules and Regulations:** The Rules and Regulations Governing the Subdivision of Land in Stow as amended and then in effect.
- 1.3.9 **The Zoning Act:** Massachusetts General Laws, Chapter 40, as amended.

1.3.10 **Town:** the Town of Stow.

#### **1.4 APPLICABILITY**

Any person or entity applying for approval of a Site Plan or amendment thereto under the Zoning Bylaw, whether or not such person is governed by any other federal, state, or local permits, variances, approvals, or programs, shall comply with the provisions of these Rules.

#### **1.5 WAIVER OF RULES**

1.5.1 **Waiver from Compliance** – Strict compliance with these Rules may be waived when, in the opinion of the Planning Board, such waiver is for external enlargements or alterations of less than 10% or five hundred (500) square feet, whichever is less, of the existing floor area if the Planning Board finds that the requirements of this Bylaw have been met.

1.5.2 **Request for Waiver from Rules** – If a waiver to a filing requirement is being requested, a written request for such waiver shall be made at the time of filing. If an oral request is made at a hearing or meeting, it shall be reduced to and submitted as a written request by the Applicant. Any request from an Applicant for a waiver from these Rules must be submitted, in writing, to the Planning Board prior to the close of the public hearing. Any request for a waiver from these Rules must clearly identify the provision or provisions of these Rules from which relief is sought and such request must be accompanied by a statement setting forth the reason or reasons why, in the Applicant’s opinion, the granting of such a waiver would be in the public interest and consistent with the intent and purpose of the Bylaw and these Rules.

1.5.3 **Denial of Waiver Request** – If a requested waiver is not granted, the time for the submission of the required material or information shall be set by the Planning Board and said material or information shall be received prior to the close of the public hearing. If an extension of the time for conducting the public hearing or rendering a decision is necessary for consideration of this additional material or information, and such extension is not granted by the Applicant upon request of the Planning Board, such refusal may be grounds for denial of the Application.

#### **1.6 PROVISION OF SECURITY**

The Planning Board may require that security be posted with the Town in such form and amount as is required by the Planning Board to secure the satisfactory completion of all or any part of the work authorized by or required under the Site Plan Approval. The form of security shall be generally as allowed in the Subdivision Rules and Regulations.

**1.7 ADVICE FROM TOWN STAFF**

Any advice, opinion, or information given to the Applicant by a Planning Board member, or by any agency, official, or employee of the Town shall be considered advisory only and not be binding on the Planning Board.

**1.8 AMENDMENTS TO THE RULES**

The Rules may be amended by a majority vote of the Planning Board at or after a public meeting at which such amendment has been discussed.

**1.9 EFFECTIVE DATE OF THE RULES**

These Rules, or any amendment thereto, shall become effective upon vote of the Planning Board following a public meeting and the filing of the same with the Town Clerk.

## SECTION 2

### PRELIMINARY REVIEW

#### 2.1 PRELIMINARY CONSULTATIONS

Consultations between an Applicant and the Planning Board prior to the filing of an Application with the Planning Board are recommended and can prevent delays in the processing of the final Application.

#### 2.2 FORM OF REQUEST

At least 8 copies of all materials to be reviewed shall be provided to the Planning Board along with a letter requesting such a review and including the name, address, and phone number of a person who may be contacted concerning the review. All correspondence and communication must be sent through the office of the Planning Board.

#### 2.3 SCOPE OF PLANNING BOARD REVIEWS

The Planning Board will review preliminary materials in an attempt to avoid unnecessary technical deficiencies in the Application to be filed and to promote efficiency in the formal review and hearing process. The Planning Board will not be responsible for assuring the accuracy, correctness or thoroughness of any Application submitted for review. It is the responsibility of the Applicant to assure that any Application to the Planning Board is thorough, complete and accurate. Any incomplete Application may result in a denial of such Application on the grounds of an incomplete Application.

#### 2.4 PRELIMINARY REVIEW FEES

The first such preliminary review by the Planning Board shall be free of charge. Subsequent preliminary reviews shall require payment of a fee by the Applicant of \$100.00 each at the time of submission. The fee shall be submitted in check form and made payable to "Town of Stow".

The Planning Board may require as part of the preliminary review process that the Applicant shall deposit fees for reviews by consultants pursuant to M.G.L. Ch. 44 S. 53G as set forth below.



## SECTION 3

### FILING REQUIREMENTS

#### 3.1 WHO MAY FILE

A complete Application for Site Plan Approval shall be made in writing on a form entitled "Application for Site Plan Approval". Such form is available at the Planning Board office. In the case where the Applicant is a person other than the record owner of the property, the Applicant shall be required to submit as part of the Application for Site Plan Approval written certification executed by the record owner of the property that the Application is submitted with the knowledge and consent of the record owner.

All information required by any form as part of an Application for Site Plan Approval shall be furnished by the Applicant in the manner prescribed in these Rules and by such form unless a waiver is requested and granted as set forth above.

#### 3.2 SUBMISSION OF AN APPLICATION

The Application shall be submitted to the Planning Board's office or the Office of the Stow Town Clerk during posted business hours. The Applicant may request and shall be entitled to a written receipt for the materials submitted. The date of filing shall be considered the date upon which the Application or notice thereof has been delivered to or received by the Stow Town Clerk as required in these Rules.

#### 3.3 NOTICE TO TOWN CLERK

Should the Applicant submit the Application to the office of the Planning Board, the Applicant shall, in accordance with the Zoning Act, promptly and without delay notify the Stow Town Clerk of the submission of such Application.

##### 3.3.1 Number of Copies of Application

Any person who submits a Petition for Special Permit to the Board for approval, Modification, amendment or rescission of a Special shall file with the Board, by delivery or registered mail, the following

1. Twenty-one (21) copies of a properly executed Petition for Special Permit Form
2. The required filing fee.
3. Fourteen (14) copies full scale plan (24"x36") and fourteen (14) copies reduced scale (11"x17") plan.
4. Four (4) copies of the Stormwater Management Report
5. Copy of the deed for all parcels contained within the site plan.
6. Development Impact Statement with supporting documentation.
7. Written list of any requested waivers from the rules and regulations with reasons why those waivers would permit a superior design that would be in the public interest and not inconsistent with the purpose and intent of the Zoning Bylaw.

8. Letter documenting authorizing vote if the developer is acting in the name of a trust, corporation or company.
9. A complete list of abutters certified by the Board of Assessors or its authorized representative.
10. All documents shall also be made available in PDF format.

### **3.4 FILING FEE**

Any Application for Site Plan Approval shall include a fee to cover the expenses incurred by the Town in reviewing the Application, excluding the cost of plan review by a consulting engineer for the Town which shall be billed separately. The fee is not refundable. The fee shall be submitted in check form and made payable to “Town of Stow”. The amount of the fee shall be \$500.00 for an Application to construct, renovate or alter any structure larger than 10, 000 gross square feet, and \$250.00 for all other Applications.

- 3.4.1 **Additional Review Fee Deposits** – So that the Planning Board may make the findings required under the Bylaw and insure that the public safety will be protected, the Planning Board may hire outside traffic, engineering, legal or planning consultants to review an Application. To cover the cost of these reviews a review fee deposit may also be required of an Applicant at the time of submission or at any appropriate time in the review process. As the scope of the study and review will vary according to the size or a particular project, the Applicant is hereby strongly advised to consult the Planning Board concerning the scope and cost of any such studies during the preliminary review. Failure to do so could result in serious delays in the processing of an Application. The amount of the fee deposit will reflect the anticipated consultant fee/s plus 10%. Note that some projects may require additional fees to cover further study if significant impacts or problems are found in the initial review. Any amount of the deposits remaining after the issuance of building permits for the proposed construction plus any remaining accrued interest will be repaid to the Applicant or the Applicant’s successor in interest. The Applicant may choose the consultant for any such review from a pre-approved list maintained by the Planning Board; otherwise the Planning Board will make the choice of the consultant.
- 3.4.2 **Appeal from the Selection of the Consultants** – The Applicant may appeal the selection of an outside review consultant to the Board of Selectmen. If no decision is made by the Board of Selectmen within thirty days following the filing of an appeal, the selection of the Planning Board stands. The grounds for such an appeal shall be limited to claims that the consultant selected has a conflict of interest or does not possess the minimum required qualifications of an educational degree in or related to the field at issue or three or more years of practice in the field at issue or a related field. The Applicant must specify the specific grounds which the Applicant claims constitute a conflict of interest or a failure to meet minimum professional requirements.
- 3.4.3 **Continuations** – If a deficiency in the Application or a difficulty with a particular site requires, in the opinion of the Planning Board, that the public hearing be continued pending the submission of additional information by the Applicant, then the Applicant

may, at the discretion of the Planning Board, be required to pay an additional fee of not more than \$100.00 prior to the close of the public hearing for each such continuation. The fee shall be submitted in check form and made payable to “Town of Stow”.

- 3.4.4 **Amendments** – Applications for amendment to Site Plan Approval shall require the filing of a new Application for such purpose.
- 3.4.5 **Legal Notices** – The Applicant shall submit a copy of the Notice of Public Hearing utilized by the Applicant in publication of the Public Hearing notice.

## SECTION 4

### CONTENTS OF AN APPLICATION

**NOTE:** An Application for a Site Plan Approval which lacks information or is incomplete in any manner may be denied or seriously delayed. It is the responsibility of the Applicant to assure the accuracy, thoroughness and completeness of all information submitted to the Planning Board as part of an Application for Site Plan Approval.

#### 4.1 APPLICATION FORM

Any Site Plan for which an Applicant seeks approval shall be submitted on the proper forms and shall be accompanied by a Site Plan prepared by a registered engineer and land surveyor drawn at a scale of 1" = 40' or such other as the Planning Board may require to show details clearly and adequately. The Site Plan must be plainly marked "Site Plan" and shall be clearly and legibly drawn in dark lines on a white background, or similar medium acceptable for filing with the Registry of Deeds or Land Court to fully detail and explain the intentions of the Applicant. The details and contents of a plan where not otherwise specifically set forth herein may be provided in accordance with the requirements of the Subdivision Rules and Regulations.

4.1.1 **Numbering System** – All plans should include a reasonable numbering system with an appropriate title block, signature block, legend, and a North arrow.

4.1.2 **Required Components of a Site Plan** – More information than the minimum required herein may be shown on a Site Plan provided such information is reasonably necessary for the proper evaluation of the Site Plan. Any Site Plan submitted for consideration shall consist of the following minimum components:

- a) A Development Impact Statement (Form D.I.S. – see Appendix);
- b) A Locus Plan;
- c) A Site Composite Plan;
- d) A Construction Detail Plan;
- e) A Landscape Plan;
- f) A Building Elevation Plan;
- g) A Floor Plan;
- h) A Sedimentation and Erosion Control Plan.

#### **4.2 CERTIFIED ABUTTERS LIST**

A list of abutters and abutters to abutters that are Parties in Interest as defined in these Rules, taken from the most recent tax list of the Town and certified by the Assessors' Office shall be included in the submission of the Application. The Applicant shall pay any charges required by the Assessors' Office for the list.

#### **4.3 SUBSTANTIATION OF FACTS**

The Application shall be responsible for factually supporting all points relied upon in the Application concerning the proposal, including without limitation references for methodologies used in design calculations.

#### **4.4 DEVELOPMENT IMPACT STATEMENT**

The Development Impact Statement shall be completed in its entirety and 14 copies shall be submitted as part of the Application for Site Plan Approval.

#### **4.5 OTHER PERMITS AND VARIANCES**

The Applicant shall list on the Application and provide copies of all variances, permits, and other special permits previously issued by Town boards or State and Federal agencies, and a list of any variances or permits required to complete the proposed work. This list should include but not be limited to any permits from the Board of Health, the Conservation Commission, the Board of Appeals, the Planning Board, the Board of Selectmen, the State Department of Public Works, the Army Corps of Engineers, and the State Department of Environmental Protection; and certificates issued by the Secretary of Environmental Affairs under the Massachusetts Environmental Policy Act.

**NOTE:** If any other special permits are required, the Applicant is hereby strongly advised to make the applications for such additional permits concurrently with this Application.

#### **4.6 RECORDED PLANS**

A copy of the most recently recorded plan/s for the lot/s on which the work will take place bearing the book number/s, page number/s, and date/s of recording/s or registration/s.

## 4.7 PLANS

Plans shall be legibly drawn to fully detail and explain the intentions of the Applicant. Site Plans shall be drawn at a standard scale (1" = 40'). All plans shall include a reasonable numbering system with an appropriate title block, North arrow, signature block and legend identifying any representative symbols used on the sheet in question.

4.7.1 **Locus Plan** – A Locus Plan shall be submitted as part of any Site Plan. The Locus Plan shall be drawn at a scale of 1" = 1200' so that it is clear and a minimum of one mile diameter. Major streets, buildings, brooks, streams, rivers or other landmarks should be shown on the Locus Plan with sufficient clarity to be easily discernible.

4.7.2 **Design Certification** – Each plan sheet shall show the seal of a Registered Professional Engineer or a Registered Land Surveyor, or both, as appropriate to the data.

4.7.3 **Site Composite Plan** – The Site Composite Plan shall include the following minimum information presented as prescribed below. In instances where the parcel proposed for development has a grade change of 5% or more, the Site Composite Plan shall also include a site elevation of each area with such a grade.

4.7.3.1 **Legends** – Each Plan sheet shall contain a legend identifying any representative symbols used on the plan sheet in question.

4.7.3.2 **General Site Characteristics** – The following general site characteristics shall be shown on the Site Composite Plan:

- a) All lot lines and boundaries of the site, with ownership of abutting properties indicated, and all setbacks for buildings, structures, parking, or loading facilities. All required setback lines shall be dimensioned on the plan so that compliance with zoning regulations may be clearly discerned.
- b) All Zoning District boundaries, including the boundaries of the Flood Plain and Groundwater Protection Districts, if applicable, shall be shown in their proper location on the site.
- c) Any special site features including, but not limited to, stone walls, fences, historic structures or buildings.

4.7.3.3 **Natural Site Characteristics** – The following natural site characteristics shall be shown on the Site Composite Plan:

- a) Site features such as, but not limited to, wetlands, water bodies and waterways, drainage courses, historic sites, ledge outcroppings, etc. All wetlands and wetland buffer area boundaries must be shown on the plan. Wetlands are defined as those areas subject to the provisions of either the "Wetlands Protection Act", M.G.L. Chapter 131, Section 40, or the Town of Stow Wetlands Bylaw.

- b) Each area intended to be used as open space on the site shall be clearly identified on the plan and the square footage of each such area shall be shown.
- c) All existing and proposed topography on the site shall be shown at two (2) foot intervals. Unless otherwise required by the Floodplain Bylaw, topography shall be referenced to the National Geodetic Vertical Datum with the location and elevation of the benchmark plus at least two additional benchmarks on the site.

4.7.3.4 **Site Improvements** – Any improvements intended to be constructed shall be shown on the Site Composite Plan.

- a) The outline or footprint of any existing or proposed building or structure must be shown and identified. The final disposition of any existing building or structure, whether it shall remain, be removed or altered, shall be noted. The location of any existing or proposed signs must be shown, and, if existing, their final disposition must be noted.
- b) The location and type of water services to serve the facility shall be shown. If the site is to utilize an on-site well, its proposed location must be shown in addition to its setbacks from any building, structure or sewage disposal system.
- c) All fire hydrants on the site or off the site but within 500’ of the principal building on the site shall be shown. If no fire hydrants are located within 500’ of the principal building on the site, then a note shall appear clearly explaining how the Applicant will provide fire protection to the site. The location of any proposed fire lanes shall be clearly shown and identified.
- d) The location and type of any other utilities all of which shall be located underground including, but not limited to, electric or gas services, shall be shown. Natural gas service shall be brought to the site if available.

4.7.3.5 **Waste Disposal Facilities** – The following waste disposal facilities shall be shown on the Site Composite Plan:

- a) The type and location of any solid waste disposal facilities must be shown and identified.
- b) The disposal of all wastes must comply with Town, State or Federal regulations or law.
- c) The proposed location (shown as a perimeter outline of the system) of any on-site sewage disposal systems, including any required reserve areas, must be shown on the plan. The type of sewage disposal system may be identified by a simple notation (for example, “proposed location of on-site sewage disposal system and proposed reserve area”). Actual design and construction of the sewage disposal system shall not be shown on a Site Composite Plan. However, the proposed location of the sewer main running from the building to the sewage disposal system must be shown. If a sewage system other than an on-site sewage disposal system is

to be used, the location of any sewer main to be installed on the property in question must be shown. In addition, if the proposed development includes the construction of a sewage treatment plant, then the location of the plant and the sewer main to serve the facility in question must be shown.

- 4.7.3.6 **Erosion and Sedimentation Controls** – The Site Composite Plan shall show any devices or note any techniques which will be used to control erosion and sedimentation on the site during and after construction of the development.

#### **4.8 CONSTRUCTION DETAIL PLAN**

- 4.8.1 **Detail of Structures** – A typical detail of a proposed catch basin, manhole, headwall, walkway, subdrain, waterway, leaching basin, drainage pond, or other similar structures, if any, shall be shown.
- 4.8.2 **Landscaping Details** – A typical detail of a tree well, tree planting, or specialty planting area, if applicable, shall be shown.
- 4.8.3 **Parking Details** – A typical detail of each type of parking space to be used on the site showing the dimensions of the “Parking Stall Length of Line” and the “Width of the Parking Stall” shall be shown so that compliance with “Parking Standards” of the Bylaw are met.
- 4.8.4 **Tabulations** – Building coverage, open space, and drainage tabulations shall be shown.
- 4.8.5 **Outdoor Lighting Details** – A detail of the lighting proposed shall be shown.

#### **4.9 LANDSCAPE PLAN**

At a minimum, the Landscape Plan shall include the following information presented as prescribed below:

- 4.9.1 **Legend** – A legend identifying the symbols used to represent any landscape elements including, but not limited to, trees, shrubs, ground covers or other landscape element, or outdoor lighting facility shall be shown on the Landscape Plan sheet. The botanical and common name of each species, its height (at planting), its spread (at maturity) and the quantity intended to be planted shall be listed in an orderly fashion as part of the legend.
- 4.9.2 **Certifications** – The Landscape Plan must be prepared by and show the seal of a Registered Professional Landscape Architect certified to practice in the Commonwealth of Massachusetts.
- 4.9.3 **Landscape Buffers** – The location, depth, width and length of proposed buffer area(s) shall be shown and dimensioned. A detailed planting plan of the buffer shall be shown and shall include an opaque screen. An opaque screen is intended to exclude all visual contact between uses and to create a strong impression of spatial separation.



- 4.9.3.1 **Opaque Screen** – Said screen shall be opaque from the ground to a height of at least six (6) feet, with intermittent visual obstruction to a height of at least twenty (20) feet. The opaque screen may be composed of a wall, fence, landscaped earth berm (subject to height limitations contained within the Stow Zoning Bylaw) or a densely planted mix of deciduous and evergreen trees and shrubs, tolerant to the climatic conditions of Stow. The landscape buffer shall be opaque in all seasons of the year.
- 4.9.3.2 **Plantings** – Plantings shall be done in accordance with proper landscaping practices. Shade trees shall be of a species tolerant to the climatic conditions of Stow, and be at least two inch caliper (measured four feet above grade level). All trees shall be staked and mulched. Shrubs shall be a mix of deciduous and evergreen varieties, tolerant to the climatic conditions of Stow, and be at least eighteen inches in height at time of planting.
- 4.9.3.3 **Maintenance of Plantings** – Trees, shrubs, grass and ground cover which die or become diseased shall be replaced within two years of planting or anytime during the life of the Site Plan Approval, whichever is longer.
- 4.9.3.4 **Retention of Existing Vegetation** – Wherever possible, the above requirements shall be met by retention of existing vegetation.
- 4.9.4 **Land Contours** – Existing and proposed contours of the land shall be shown at two (2) foot intervals. Such topography shall be referenced to the National Geodetic Vertical Datum.
- 4.9.5 **Site Features** – The boundaries of the site, the outline or footprint of all buildings, structures, parking areas, walkways, or loading facilities shall be shown. Areas of proposed “open space” shall be shown and identified on the Landscape Plan. In addition, any special site features such as historical features; ponds, streams, brooks or other water bodies; or large ledge outcroppings or boulders shall be shown.
- 4.9.6 **Limits of Work** – Any area where existing conditions may reasonably be expected to be disturbed during construction shall be shown and identified on the Landscape Plan.
- 4.9.7 **Perimeter of Trees** – The perimeter of any existing wooded areas on the site shall be shown. Existing wooded areas intended for preservation shall be noted.
- 4.9.8 **Outdoor Lighting Structures** - The location of any existing or proposed outdoor lighting facilities shall be shown. Appropriate symbols shall be used to identify whether such facilities are intended for functional or decorative purposes.
- 4.10 BUILDING ELEVATION PLAN**  
At a minimum the Building Elevation Plan shall include the following information presented as prescribed below:
- 4.10.1 **Scale of Building Elevation Plan** – The Building Elevation Plan shall be drawn at an appropriate scale generally not less than 1/8” = 1’.

4.10.2 **Certifications** – The Building Elevation Plan must be prepared by and display the seal of a Registered Professional Architect or a Registered Professional Engineer certified to practice in the Commonwealth of Massachusetts.

4.10.3 **Elevations** – The front, sides and rear elevations and the maximum height of each building shall be shown.

#### **4.11 FLOOR PLAN**

A Floor Plan must be shown for each floor of each building whether such building is existing or proposed so that compliance with the minimum parking regulation of the Bylaw may be discerned. At a minimum the Floor Plan shall include the following information presented as prescribed below:

4.11.1 **Scale of Floor Plan** – The Floor Plan shall be drawn at a scale of ¼” = 1’ or such other scale as the Planning Board may require to show details clearly and adequately.

4.11.2 **Certifications** – The Floor Plan must be prepared by and display the seal of a Registered Professional Architect or by a Registered Professional Engineer certified to practice in the Commonwealth of Massachusetts.

4.11.3 **Floor Plan** – Each Floor Plan must identify the proposed use or uses to be conducted on the floor in question. Each Floor Plan must be dimensioned to show the net floor area.

#### **4.12 USE DESCRIPTION**

The Application shall contain a detailed description of the proposed use. In the case where the Applicant cannot commit to a particular use at the time that an Application for a Site Plan Approval is made, the Applicant must provide the Planning Board with a description of the possible uses to which the facility may be put as allowed by the Town of Stow Zoning Bylaw.

#### **4.13 STORMWATER MANAGEMENT AND DRAINAGE CALCULATIONS**

Stormwater management shall be designed in accordance with the Town of Stow Planning Board Stormwater Management Policy.

Storm drainage runoff calculations used for stormwater drainage system design must be prepared by, and display the seal of, a Registered Professional Engineer. These calculations should be based on a recognized standard method (usually the TR-20, TR-55, Rational Formula or Soil Conservation Service Method as dictated by the site). The calculations must contain a written summary explaining the rationale of the design so that a lay person can understand the basic design approach and its validity to the site in question. Furthermore, the calculations should be fully documented including copies of charts or other reference sources to make review easier. The use of computer-generated reports is acceptable; however, the source of the software should be identified. These calculations shall be used to determine all drainage structures and pile sizes. The drainage system will be reviewed by the Planning Board and/or its consultant to assure compliance with Section VI.F.1.i of the Bylaw and to ensure that the system design will not result in serious flood hazards during the 100-year storm.

#### **4.14 EARTH REMOVAL CALCULATIONS**

Calculations for determining the volume of earth to be removed from the site. Calculations of the amount of earth removal shall be prepared by, and show the seal of, a Registered Professional Engineer. The calculations shall show the total amount of earth materials to be removed from the site. A removal schedule may be required when earth materials are intended to be removed from the site. This schedule, if required, must state the size of the trucks or other vehicles to be used, their gross vehicle weight, the estimated number of trips per day for each removal vehicle, the travel routes to be taken by removal vehicles as well as their approximate hours of operation and the clearing procedures used.

#### **4.15 TRAFFIC STUDY**

A traffic impact study of a scope specified by the Planning Board will be required in all Applications where the proposed uses will, in the opinion of the Planning Board, be likely to produce an additional 100 ADT per weekday, based on the most recent edition of the Institute of Transportation Engineers' publication Trip Generation. If the proposed uses are not listed in said publication, the Planning Board may approve the use of trip generation rates for another listed use that is similar, in terms of traffic generation, to the proposed uses. If no such listed use is sufficiently similar, a detailed traffic generation estimate, along with the methodology used, prepared by a Registered Professional Engineer experienced and qualified in traffic engineering, shall be submitted. To avoid lengthy delays in the processing of an Application, consultations should be made by the Applicant with the Planning Board during the Preliminary Review to determine whether an Application is likely to require a traffic study. A traffic study shall examine the following:

EXISTING TRAFFIC CONDITIONS including roadway geometries, traffic volumes, safety, delays, and levels of service for streets and intersections (whether in Stow or another town) affected by the proposed uses.

FUTURE TRAFFIC CONDITIONS including trip generation, trip distribution, volume to capacity ratios, and levels of service for existing streets and intersections (whether in Stow or another town) affected by the proposed project at the time of anticipated completion and 5 years beyond anticipated completion, taking into consideration the impacts of previously-approved projects and projects pending approval on the same streets. Approach and departure route assignments shall be based on existing traffic patterns, minimum time paths, or market studies. Trip generation for the proposed uses shall be based on average statistics from Trip Generation as above, and must include both A.M. and P.M. peak hours, weekend peaks, if applicable, as well as average total daily trips. Any anticipated reduction in trips due to special characteristics of the proposed uses must be fully explained and documented. Sight distances for turning movements to and from the site must be analyzed using AASHTO standards. The adequacy of vehicular queuing storage at the site entrances shall also be demonstrated. The impact of any planned phasing of the project shall be discussed.

MITIGATION MEASURES that could be taken to reduce the impacts of the proposed uses and their estimated cost. These should include demand management strategies such as staggered employee work schedules and promotion of car-pooling, as well as capacity enhancements such as added turn lanes, signalization, and improvements to intersections and medians. The potential for driveway connections to neighboring lots must be explored. The study should take into account those improvements that are being planned by the Town or the State.

The Applicant shall provide fourteen (14) copies of the Traffic Impact Study for review by the Planning Board and/or its consultants.

**4.16 ADDITIONAL INFORMATION TO BE FURNISHED TO THE PLANNING BOARD**

The Planning Board is empowered to require information in addition to that specifically required by the Bylaw or by these Rules. The Planning Board will require the Applicant to supply additional information if it finds that such information is necessary to properly act upon the Application in question.

No submission of additional information or amendments will be accepted after the filing and prior to the commencement of the public hearing, or subsequent to its close, without the Planning Board's permission.

**4.17 RECOMMENDATIONS FROM OTHER BOARDS, COMMITTEES, AND AGENCIES**

Upon receipt of an Application hereunder, the Planning Board shall transmit forthwith a copy of the Application to the:

Building Inspector	Board of Selectmen
Board of Appeals	Fire Chief
Board of Health	Police Chief
Engineering Consultant	Highway Superintendent
Conservation Commission	Historic Commission
Open Space Committee	Board of Assessors
Tree Warden	Stow Municipal Affordable Housing Trust

## SECTION 5

### PUBLIC HEARING

#### 5.1 PUBLIC HEARING NOTICE

5.1.1 **Publication of Notice** – Upon receipt of an Application for Site Plan Approval, the Planning Board shall set the date, time, and place of the public hearing, which shall be held within 65 days of the Application filing date but no sooner than 35 days from the Application filing date. Notice of the hearing shall be published by the Applicant in a newspaper of general circulation once in each of two (2) successive weeks. The first such publication shall appear not less than fourteen (14) days before the day of the hearing and a copy of the notice shall be posted in a conspicuous place in the Town Hall for a period of not less than fourteen (14) days before the date of the hearing. The day of the hearing shall not be counted as one of the required fourteen days. In addition, copies of the notice shall be sent by certified mail by the Applicant to all Parties in Interest at least fourteen (14) days prior to the date of the public hearing. Certified mail receipts and proof of publication shall be submitted to the Planning Board no later than the commencement of the public hearing.

5.1.2 **Content of Public Hearing Notice** – The Applicant shall submit as part of the Application a properly executed form entitled “Draft Legal Notice”. It is important that all of the information required by said form be submitted in complete form. Failure to submit information which is accurate could render the public hearing invalid and could cause serious delays in the processing of the Application.

#### 5.2 APPEARANCE OF APPLICANT AT PUBLIC HEARING

An Applicant may appear on his own behalf or be represented by an agent or attorney. In the absence of an appearance, the Planning Board may decide the matter using the information it has received. In any case, the Planning Board shall not be responsible for presenting any Site Plan to the public at a public hearing or any other forum. It is the responsibility of the Applicant to present the Site Plan to the Planning Board and to the public. Failure to appear at a public hearing could seriously jeopardize the success of an Application.

#### 5.3 PUBLIC HEARING PROCEDURE

The objective of a public hearing is to provide Parties in Interest the opportunity to have their opinion heard by a public decision-making body. In order to encourage informed opinions, it is important that the Plan in question be presented to the public in a thorough but concise manner. Unduly lengthy presentations do not inform the public any better than short, concise, accurate presentations. Also, lengthy presentations often take up the time which could be better used by the public to provide its comment. Therefore, these Regulations are intended to promote a well-prepared, brief, and accurate presentation of

the Application for Site Plan Approval, thereby providing the public with maximum opportunity to speak on issues of concern.

- 5.3.1 **Time of Hearing** – No hearing shall begin before the time published in the notice.
- 5.3.2 **Public Invited** – Any party whether entitled to notice thereof or not may appear in person or by agent or by attorney.
- 5.3.3 **Rules of Conduct** – The Chairman will conduct the hearing in accordance with applicable laws and rules for the conduct of such meetings and may administer oaths, summon witnesses, and call for the presentation of relevant documents. The Planning Board may retain any record which has been introduced in evidence for reference in its deliberations on the case.
- 5.3.4 **Notice of Public Hearing** – The Chairman will open each hearing by reading the notice as published.
- 5.3.5 **Applicant’s Presentation** – The Applicant will then present the Site Plan in accordance with the procedure for such presentations as set forth in these Rules.
- 5.3.6 **Time Limit for Presentation** – Because the time afforded the Applicant to present the Plan is limited, the Chairman shall not allow any person in attendance, including members of the Planning Board, to interrupt the Applicant during the presentation of the Site Plan.
- 5.3.7 **Questions by Planning Board Members** – When the Applicant has concluded the presentation, the Chairman will allow members of the Planning Board to ask questions of the spokesperson related to clarifying any points made during the presentation. In addition, members of the Planning Board may direct appropriate questions during the hearing.
- 5.3.8 **Questions from Public** – When all questions have been asked by members of the Planning Board, the Chairman will allow all those present to speak on the matter under consideration. Those who wish to speak shall, upon recognition by the Chairman, give their names and addresses, then proceed.
- 5.3.9 **Questions Addressed to Chairman** – Any comments or questions said by any person in attendance except members of the Planning Board shall be directed to the Chairman and not directly to the Applicant, the Applicant’s representatives or any other persons without the express permission of the Chairman.
- 5.3.10 **No Cross-Examination** – No cross-examination will be allowed, although questions seeking information and deemed relevant by the Chairman may be allowed at the discretion of the Chairman.
- 5.3.11 **Rebuttals** – Rebuttals may only be allowed at the discretion of the Chairman.

- 5.3.12 **Close of Hearing** – When all the facts have been presented and all persons wishing to speak on the Application have been heard, the Chairman will close the hearing in accordance with parliamentary procedure and inform the Applicant and others present that the Applicant will be notified, by certified mail, of the Planning Board’s decision.
- 5.3.13 **New Evidence Limitation** – In no case shall the Planning Board allow new evidence to be admitted after the close of the public hearing. However, written information may be submitted after the close of the public hearing provided the information does not contain new evidence and is intended to clarify existing factual evidence. In any case the Planning Board shall have the right to refuse admission or receipt of information which in the Planning Board’s opinion constitutes new evidence or which is otherwise deemed inappropriate.
- 5.4 PUBLIC HEARING PRESENTATION**  
The Planning Board highly recommends that the Applicant present the Site Plan to the Planning Board and to the public in the following manner:
- 5.4.1 **Locus of Site** – The Applicant should locate the site under consideration by using a locus map which clearly shows the location of the site within the Town and the applicable neighborhood. The site, major roads or other landmarks should be clearly discernible to all persons in the hearing room by the use of color or other graphic techniques.
- 5.4.2 **Application and Plan Summary** – The Applicant should then summarize the Application for all those present so that they may have a full understanding of the purpose and scope of the project, and the extent to which the project strives to meet the objectives of the Bylaw. During the summary the Applicant shall limit the discussion to facts which are part of the Application submitted. New facts not contained in the Application must be clearly identified as new facts by the Applicant. Often it is the presentation of new facts at a public hearing which will necessitate that the hearing be continued so that the Planning Board and the public may have the opportunity to evaluate the new facts. Therefore, in order to prevent the delays caused by a continued hearing, the Applicant should strive to assure that the initial Application is complete.
- 5.4.3 **Plan Analysis** – The Applicant should then provide a brief but thorough analysis of the Plan, clearly identifying all major Plan components, and shall explain their respective roles in the Plan so that lay persons in the hearing room can clearly understand the scope and probable impacts of the proposal. Any plans or other graphic representations of the proposal used during the presentation should be clearly drawn and easily discernible to all those present. It is highly recommended that major Plan components such as buildings, parking facilities, drainage and utility systems, site landscaping, major topographic changes such as hills or valleys, and major site features such as ponds, streams, and stone walls be shown in color so that these Plan elements can be identified by persons in the hearing room. It is also recommended that major Plan components be shown on separate Plan sheets if it is deemed that their display will be confusing if shown on only one Plan sheet.
- 5.4.4 **Time Limit of Presentation** – The Chairman shall allow any Applicant a maximum of 30 minutes to complete the presentation. If the Applicant feels that the presentation

requires more time, the Applicant may request that the Chairman allow an additional specified amount of time for the presentation. Such a request must be made prior to the beginning of the presentation; otherwise the presentation shall not exceed the required 30 minutes allowed for the presentation. The Chairman may upon his own motion allow the Applicant to exceed the time limitation imposed herein when the Chairman deems such an action appropriate under the circumstances. Upon completion of the presentation, the Applicant shall advise the Chairman that the presentation has been completed.

## **5.5 CONTINUANCE OF PUBLIC HEARING**

The Planning Board may continue a public hearing if the Planning Board finds that the continuance is necessary or appropriate to allow the Applicant or others to provide additional information. In such a case, the Chairman shall announce to those present, prior to the adjournment of the hearing, the specific date, time, and place where the hearing will be continued, and the subject matter to be discussed at the continued hearing. The Planning Board may require the Applicant to re-advertise or re-notify Parties in Interest, where it deems such an action to be in the public interest.

- 5.5.1 **Extension** – The period within which final action shall be taken may be extended for a defined period by written agreement between the Planning Board and the Applicant and a copy is filed with the Town Clerk.



## SECTION 6

### PLANNING BOARD ACTION

#### 6.1 VOTING REQUIREMENTS

6.1.1 **Required Vote** – The concurring vote of a majority of the Planning Board shall be necessary to decide in favor of approving the Site Plan. A failure of the Planning Board to achieve the required vote shall be deemed a denial of such Application.

6.1.2 **Hearing Attendance Required for Action** – Only those members of the Planning Board who were in attendance at the public hearing may vote on the Application in question.

6.1.3 **Record of Proceedings** – The Planning Board shall cause to be made a detailed record of its proceedings, showing the vote of the Planning Board and whether a member of the Planning Board was absent or failed to vote, and setting forth clearly the reason or reasons for its decision and for its other official actions. Copies of such record shall be filed at the Planning Board Office and the Office of the Town Clerk.

#### 6.2 WITHDRAWAL OF APPLICATION BEFORE PUBLIC HEARING NOTICE

Any Application may be withdrawn without prejudice by filing a properly executed form entitled, “Notice of Application Withdrawal”. Said form must be received by the Planning Board prior to the first publication of notice of the public hearing. No refund of fees will be provided if an Application is withdrawn.

#### 6.3 WITHDRAWAL OF APPLICATION AFTER PUBLIC HEARING NOTICE

Withdrawal of any Application after the first publication of notice for the public hearing requires Planning Board approval. The request for such approval shall be made on a properly executed form entitled, “Request for Application Withdrawal”. Requests made in any other manner than that prescribed herein shall not be considered for approval by the Planning Board.

#### 6.4 DECISION OF THE BOARD

The concurring vote of a majority of the Planning Board shall be necessary to decide in favor of granting Site Plan Approval. Only those members of the Planning Board who were in attendance at the public hearing may vote on the Application in question.

6.4.1 **Time Period for Deliberation** – The Board will act on each Application for Site Plan Approval within ninety (90) days from the date of the close of the public hearing.

6.4.2 **Notice of Decision** – The Board will send a full copy of its Decision to the property owner and the Applicant if other than the property owner, the Stow Town Clerk and the Building Inspector.

6.4.3 **Recording of Decision** – The Decision issued by the Board must be recorded at the Registry of Deeds. Evidence of said recording must be submitted to the Planning Board and the Building Inspector. No construction shall be allowed to begin at the site which was the subject of the Application until evidence, satisfactory to the Building Inspector, has been presented to the Building Inspector that the Decision in question has been duly recorded as required herein.

6.4.4 **Submission of Final Approved Plans** – Five copies of the final plans as approved for construction by the Planning Board shall be submitted to the Building Inspector prior to the issuance of a building permit.

## 6.5 **APPEAL OF DECISION**

Any person aggrieved by a decision of the Planning Board, whether or not previously a party to the proceeding, may appeal such decision in accordance with Section 17 of the Zoning Act.

## 6.6 **TIME LIMITATION ON APPROVAL**

In the case where Site Plan Approval is granted by the Planning Board, all other permits for the execution of the work shall be obtained and substantial use thereof shall be commenced, except for good cause, or construction begun, except for good cause, within two years from the date of filing of the Planning Board's Decision in the Office of the Town Clerk, unless the Planning Board otherwise provides for a different period of time in the Site Plan Approval. Said time shall not exceed two years.

## 6.7 **EXTENSION OF TIME LIMITATION TO BEGIN WORK**

6.7.1 **Extension for Good Cause** – A reasonable extension of said time may be granted by the Planning Board where good cause is shown after a public hearing has been conducted in accordance with the requirements of Section 5 of these Rules on the request for extension. Such extension or extensions shall not exceed two years beyond the original expiration date of the Site Plan Approval.

6.7.2 **Form of Extension Request** – Any request for an extension shall be made in writing to the Planning Board. Such request must be submitted to the Planning Board and a copy thereof to the Town Clerk at least sixty (60) days prior to the date when the Site Plan approval is due to lapse. Failure to submit the request as prescribed above shall be due cause for the Planning Board to deny the requested time extension.

## 6.8 **AMENDING AN APPROVED SITE PLAN**

A previously granted Site Plan Approval may be amended upon written request to the Planning Board or upon the Planning Board's own motion. The Planning Board shall determine whether any request for further alterations to a site constitutes a minor modification and therefore does not require an amendment to the Site Plan Approval.

6.8.1 **Public Hearing** – Unless the original Site Plan Approval specifically allows certain modifications or alterations without the necessity of a new public hearing, all requests for amendments shall require a new public hearing to be advertised and conducted in accordance with these Rules.

6.8.2 **Applicable Requirements** – All of the requirements applicable to Site Plan Approval shall be applicable to an amendment to an approved Site Plan. Because of the variety of amendments which are possible, Applicants are advised to inquire whether they will need to submit any plans, reports or other information in addition to those submitted at the time the original Site Plan Approval was applied for. If any plans, reports or other information is required, then such plans, reports or other information will comply with the requirements set forth in these Rules.

6.8.3 **Application Fee Reduction** – Amendments to an existing Site Plan Approval may take many forms. Some amendments may be quite simple while others could be quite complex. In each case where an amendment to an existing Site Plan Approval is sought the Applicant may request that the Planning Board reduce the Application fee required by these Rules. Failure to pay the required payment in a timely manner may be considered due cause to deny the requested amendment.

## 6.9 **VALIDITY**

In the event of a conflict between the provisions of these Rules and Regulations and the provisions of the Zoning Act and the Stow Zoning Bylaw, the provisions of the Zoning Act and the Stow Zoning Bylaw shall apply.

## 6.10 **APPENDIX**

All mentioned forms may be obtained from the Office of the Planning Board.

Appendix 1 Application for Site Plan Approval

Appendix 2 Development Impact Statement

Appendix 3 Draft Legal Notice

Appendix 4 Application for Extension of Time Period

Appendix 5 Application Withdrawal (Prior to Publication of Legal Notice)

Appendix 6 Request for Application Withdrawal

Appendix 7 Stormwater Management Policy



TOWN OF STOW PLANNING BOARD

APPLICATION

FOR

SITE PLAN APPROVAL

File completed Application with the Town Clerk and then present 14 separate copies of the Application, folded to fit neatly within a letter-sized file folder, to the secretary for the Planning Board along with a filing fee payable to "Town of Stow" in the amount required by the Rules and Regulations for Site Plan Approval. Refer to the "Rules and Regulations for Site Plan Approval" for details on the information required.

Please type or print this Application.

APPLICANT'S NAME: \_\_\_\_\_ PHONE #: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

LOCATION AND STREET ADDRESS OF SITE: \_\_\_\_\_

AREA OF SITE: \_\_\_\_\_ sq. ft. FRONTAGE: \_\_\_\_\_ linear feet

ZONING DISTRICT: \_\_\_\_\_ ASSESSOR'S MAP NO.(s): \_\_\_\_\_ PARCEL NO.(s): \_\_\_\_\_

SOUTH MIDDLESEX REGISTRY OF DEEDS BOOK AND PAGE NO.(s): \_\_\_\_\_

or LAND COURT CERTIFICATE OF TITLE NO.(s):

\_\_\_\_\_

PROPERTY OWNER: \_\_\_\_\_ PHONE #: \_\_\_\_\_

MAILING ADDRESS:

\_\_\_\_\_

**DETAILED DESCRIPTION OF THE PROPOSED SITE PLAN APPROVAL:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Appendix 1

Please complete the following check list for your Application indicating with a check mark the information included. If an item is not applicable to your Application, write "N/A" in the blank. If any applicable items are missing attach additional sheets explaining the omission. Note that this list is not a complete description of the requirements for a complete Application; it is each Applicant's responsibility to prepare a complete Application according to the "Rules and Regulations for Site Plan Approval" as adopted by the Planning Board and available from the Planning Board's secretary. An Application lacking any required information in the appropriate format may not be accepted or may be cause for denial of said Application.

If any Special Permits or variances have been filed previously for this site please attach copies of the decisions.

### \_\_\_\_\_ DEVELOPMENT IMPACT STATEMENT

- \_\_\_\_\_ Description of proposed or possible uses
- \_\_\_\_\_ Building coverage, total coverage, and open space areas
- \_\_\_\_\_ Drainage calculations
- \_\_\_\_\_ Earth removal calculations
- \_\_\_\_\_ Traffic study (8 copies)
- \_\_\_\_\_ List variances and Special Permits previously issued by the Planning Board of Appeals and any needed for this proposal
- \_\_\_\_\_ Provide copies of any "approval not required" subdivisions
- \_\_\_\_\_ List any Special Permits or Health Permits required and provide copies of any received
- \_\_\_\_\_ Note if Conservation Commission approval needed and provide copy of approval if received

### \_\_\_\_\_ LOCUS PLAN

### \_\_\_\_\_ SITE COMPOSITE PLAN

- Design certifications
- Legends
- General site characteristics -
  - Existing and proposed buildings and structures
  - Driveway entrances for abutting properties and those across a public way with dimensions
  - All underground tanks/structures existing or proposed or abandoned
  - Zoning, Flood Plain, and Groundwater Protection District boundaries if applicable
  - Yards/setbacks dimensioned
  - Names of abutting property owners
- Natural site characteristics -
  - Waterways
- Wetland boundaries and buffers
  - Existing and proposed contours
  - Open space with square footage calculations

Site improvements -

- Dimensions of traffic lanes
- Label all paved surfaces and note materials

Parking spaces and parking lot landscaping with dimensions

- Building areas for each floor
- Exterior lighting
- Existing and proposed signage
- Outdoor storage areas labeled
- Parking calculations

Site utilities -

- Stormwater drainage facilities shown & dimensioned
- Underground storage containers with capacities and contents
- Water services
- Fire hydrants on or off site
- Underground utilities
- Fire alarm master box
- Sprinkler feed line
- Solid waste disposal facilities
- Sewage disposal system
- Erosion and sedimentation controls

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CONSTRUCTION DETAIL PLAN

- Detail of structures
- Landscaping details
- Parking details in compliance with the Stow Zoning Bylaw
- Tabulations of building coverage and open space
- Details of outdoor lighting

---

LANDSCAPE PLAN

- Certifications
- Legend
- Number, type, & size of trees and shrubs
- Landscape buffers
- Land contours
- Site features
- Limits of work
- Perimeter of trees
- Outdoor lighting structures

---

BUILDING ELEVATION PLAN

- Certifications
- Scale
- Front, rear, & side elevations with maximum height

\_\_\_\_\_ FLOOR PLAN  
Certifications  
Scale  
Net floor area/s

Any additional maps, plans, photographs, deeds, or documents which the Applicant wishes to submit should be enclosed with each copy of this Application.

The undersigned hereby apply to the Planning Board for a public hearing and site plan approval under the Town of Stow Zoning Bylaw approving the Application as described above.

The undersigned hereby certify that the information on this Application and plans submitted herewith are correct, and that all applicable provisions of Statutes, Regulations, and Bylaws will be complied with.

The above is subscribed to and executed by the undersigned under the penalties of perjury in accordance with Section 1-A of Chapter 268, General Laws of the Commonwealth of Massachusetts.

\_\_\_\_\_  
Date                      Signature of Applicant

**OWNER'S KNOWLEDGE AND CONSENT**

I hereby assert that I have knowledge of and give my consent to the Application presented above.

\_\_\_\_\_  
Date                      Signature of Owner



**DEVELOPMENT IMPACT STATEMENT**

Please type or print information in blanks below.

1. Name of Proposed Subdivision \_\_\_\_\_

2. Location \_\_\_\_\_

3. Name of Applicant(s) \_\_\_\_\_

4. Brief Description of the Proposed Project \_\_\_\_\_  
\_\_\_\_\_

5. Name of Individual Preparing this DIS \_\_\_\_\_

Address \_\_\_\_\_ Business Phone \_\_\_\_\_  
\_\_\_\_\_

6. Professional Credentials \_\_\_\_\_  
\_\_\_\_\_

**A. Site Description**

7. Present permitted and actual land uses by percentage of the site.

\_\_\_% Industrial \_\_\_% Commercial \_\_\_% Residential \_\_\_% Forest \_\_\_% Agricultural  
\_\_\_% Other (specify) \_\_\_\_\_

8. Total acreage on the site: \_\_\_\_\_ acres.

<b>Approximate Acreage</b>	<b>Present</b>	<b>After Completion</b>
Meadow or Brushland (non agriculture)		
Forested		
Agricultural (includes orchards, cropland, pasture)		
Wetland		
Water Surface Area		
Flood Plain		

Unvegetated (rock, earth, or fill)		
Roads, buildings and other impervious surfaces		
Other (indicate type)		

9. List the zoning districts in which the site is located and indicate the percentage of the site in each district.  
 Note: be sure to include overlay zoning districts.

<u>District</u>	<u>%</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

10. Predominant soil type(s) on the site: \_\_\_\_\_  
 \_\_\_\_\_

Soil drainage (Use the U.S. Soil Conservation Service's definition)

Well drained: \_\_\_\_\_% of site  
 Moderately well drained \_\_\_\_\_% of site  
 Poorly drained \_\_\_\_\_% of site

11. Are there bedrock outcroppings on the site? yes no

12. Approximate percentage of proposed site with slopes between:  
 0-10% \_\_\_\_\_  
 10-15% \_\_\_\_\_  
 greater than 15% \_\_\_\_\_

13. Does the project site contain any species of plant or animal life that is identified as rare or endangered? yes no

If yes, specify: \_\_\_\_\_  
 \_\_\_\_\_

14. Are there any unusual or unique features on the site such as trees larger than 30 inches D.B.H., bogs, kettle ponds, eskers, drumlins, quarries, distinctive rock formation or granite bridges? yes no

If yes, specify: \_\_\_\_\_  
\_\_\_\_\_

15. Are there any established foot paths running through the site or railroad right of ways?  
yes    no

If yes, specify: \_\_\_\_\_  
\_\_\_\_\_

16. Is the site adjacent to conservation land or a recreation area? yes no

If yes, specify: \_\_\_\_\_  
\_\_\_\_\_

17. Does the site include scenic views or will the proposed development cause any scenic vistas to be obstructed from view?    yes    no

If yes, specify: \_\_\_\_\_  
\_\_\_\_\_

18. Are there wetlands, lakes, ponds, streams, or rivers within or contiguous to the site?  
yes            no

If yes, specify: \_\_\_\_\_  
\_\_\_\_\_

19. Is there any farmland or forest land on the site protected under Chapter 61A or 61B of the Massachusetts General Laws? yes no

If yes, specify: \_\_\_\_\_  
\_\_\_\_\_

20. Has the site ever been used for the disposal of hazardous waste? Has a 21E Study been conducted for the site? yes    no

If yes, specify results: \_\_\_\_\_  
\_\_\_\_\_

21. Will the proposed activity require use and/or storage of hazardous materials, or generation of hazardous waste?    yes    no

If yes, specify results: \_\_\_\_\_

---

22. Does the project contain any buildings or sites of historic or archaeological significance?

- Yes       no

If yes, please describe \_\_\_\_\_

**B. Circulation System**

23. What is the average weekday traffic and peak hour traffic volumes generated by the proposed subdivision?

- a. Average weekday: \_\_\_\_\_  
b. Average peak hour: \_\_\_\_\_ morning  
  \_\_\_\_\_ evening

24. Existing street(s) providing access to proposed subdivision:  
Name \_\_\_\_\_ Classification \_\_\_\_\_

25. Existing intersection(s): list intersections located within 1000 feet of any access to the proposed development:

Name of ways \_\_\_\_\_

26. Location of existing sidewalks within 1000 feet of the proposed site?  
\_\_\_\_\_

27. Location of proposed new sidewalks and their connection to existing sidewalks: \_\_\_\_\_

**C. Utilities and Municipal Services**

28. If dwelling units are to be constructed, what is the total number of bedrooms proposed?  
\_\_\_\_\_

29. If the proposed use of the site is nonresidential, what will the site be specifically used for and how many feet of Gross floor area will be constructed? \_\_\_\_\_

30. Storm Drainage

- a. Describe nature, location and surface water body receiving current surface water of the site: \_\_\_\_\_  
\_\_\_\_\_

- b. Describe the proposed storm drainage system and how it will be altered by the proposed development: \_\_\_\_\_  
\_\_\_\_\_

31. In the event of fire, estimate the response time of the fire department (consult with Fire Dept.)
32. Schools (if residential)
- a. Projected number of new school age children.

**E. Measures to Mitigate Impacts**

Attach brief descriptions of the measures that will be taken to:

33. Prevent surface water contamination.
34. Prevent groundwater contamination.
35. Maximize groundwater recharge.
36. Prevent erosion and sedimentation.
37. Maintain slope stability.
38. Design the project to conserve energy.
39. Preserve wildlife habitat.
40. Preserve wetlands.
41. Ensure compatibility with the surrounding land uses.
42. Control peak runoff from the site so that the post-development rate of runoff will be no greater than the predevelopment.
43. Preserve historically significant structure and features on the site.
44. To mitigate the impact of the traffic generated by the development.



DRAFT

LEGAL NOTICE

TOWN OF STOW PLANNING BOARD

PUBLIC HEARING

Notice is hereby given that the Stow Planning Board will hold a public hearing on

\_\_\_\_\_, \_\_\_\_\_, at \_\_\_\_\_ P..M. in the Stow Town Building,

Great Road, Stow, Massachusetts on the Application of \_\_\_\_\_  
*(name of Applicant)*

for property located at \_\_\_\_\_, Stow, Massachusetts

for Site Plan Approval pursuant to Section \_\_\_\_\_ of the Stow Zoning Bylaw in order to

permit \_\_\_\_\_  
*(describe subject matter of the hearing)*

\_\_\_\_\_

The land is further identified and shown as Parcel(s) \_\_\_\_\_ on Assessor's Map(s)

\_\_\_\_\_. All interested persons should attend the hearing.

A copy of the Application is available for review at the Office of the Planning Board or the

Office of the Town Clerk during posted business hours.





STOW PLANNING BOARD

APPLICATION FOR EXTENSION OF TIME PERIOD

Name of Applicant: \_\_\_\_\_

Applicant's Address: \_\_\_\_\_

Location of Property: \_\_\_\_\_

Nature of Application: \_\_\_\_\_

I hereby give my consent to the Planning Board to continue the public hearing to  
\_\_\_\_\_ and hereby grant an extension of the  
time period within which the Planning Board has to make a decision on the above referenced  
Application until \_\_\_\_\_ .

Signature of Applicant: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

The foregoing is hereby agreed to:

\_\_\_\_\_  
Stow Planning Board



STOW PLANNING BOARD

NOTICE OF APPLICATION WITHDRAWAL  
(Prior to Publication of Legal Notice)

Name of Applicant: \_\_\_\_\_

Applicant's Address: \_\_\_\_\_

Location of Property: \_\_\_\_\_

Nature of Application: \_\_\_\_\_

- NOTES: 1. The Site Plan Approval Rules and Regulations specify that any Application for Site Plan Approval may be withdrawn without prejudice provided written notice has been received by the Planning Board prior to the first publication of notice of the public hearing.
2. No refund of fees will be provided if an Application is withdrawn.

Reason for withdrawal of Application:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby withdraw the above referenced Application for Site Plan Approval and acknowledge that I bear the full and complete responsibility for any expenses incurred by the Planning Board in the review of the Application prior to withdrawal.

Signature of Applicant: \_\_\_\_\_

Date of Signature: \_\_\_\_\_



STOW PLANNING BOARD

REQUEST FOR APPLICATION WITHDRAWAL

Name of Applicant: \_\_\_\_\_

Applicant's Address: \_\_\_\_\_

Location of Property: \_\_\_\_\_

Nature of Application: \_\_\_\_\_

NOTES: 1. Withdrawal of any Application after the first publication of notice for the public hearing requires Planning Board approval.

2. No refund of fees will be provided if an Application is withdrawn.

Reason for withdrawal of Application:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby withdraw the above referenced Application for Site Plan Approval and acknowledge that I bear the full and complete responsibility for any expenses incurred by the Planning Board in the review of the Application prior to withdrawal.

Signature of Applicant: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

The Planning Board, by vote of four of its five members, hereby consents to withdrawal of the Application described above.

STOW PLANNING BOARD

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Dated)



**STORMWATER MANAGEMENT POLICY - APPLICABLE INTERPRETATION OF  
SECTION 3.8.1.9 (DRAINAGE) OF THE ZONING BYLAW  
(Adopted 04/29/2008, revised 04/29/2008 and 07/22/2008)**

The Planning Board will presume that projects meeting the 2008 Massachusetts Stormwater Handbook, or as subsequently amended, satisfy the requirements of Section 3.1.8.9 of the Stow Zoning Bylaw and related Subdivision Rules and Regulations, Site Plan Approval Rules and Regulations and Special Permit Rules and Regulations, and therefore are presumed to also satisfy other regulatory requirements, as stated in said handbook.

**Stormwater Management**

The objective of stormwater management for Stow is to design a system in such a way so that the volume and peak runoff from the development of a parcel will be no greater after the development is completed than it was before the development was started, and that the water quality will meet required Department of Environmental Protection (DEP) standards.

**Stormwater Management Requirements**

The design of a Stormwater Management System shall comply with the requirements of the 2008 Massachusetts Stormwater Handbook, subsequently known as the Handbook.

Throughout the Handbook, where the "Conservation Commission" is identified, substitute "Planning Board and Conservation Commission." This does not relieve the applicant from complying independently with the Conservation Commission's requirements.

The Planning Board, through its review process, may set more stringent requirements than are specified in the Handbook. The Planning Board may require subdivisions of any size, as well as Special Permit applications and site plans, to be compliant with the Handbook.

The Planning Board adopts the requirements of the stormwater management standards listed in the Handbook.

**Best Management Practice (BMP) prioritization**

Although the Planning Board is aware that the Best Management Practice (BMP) techniques employed depends largely on the site's hydrological features, it has placed a high priority on environmentally sensitive site design techniques for stormwater management, including:

- Minimizing impervious surfaces
- Fitting the development to the terrain
- Preserving and using natural drainage systems
- Reproducing pre-development hydrologic conditions

**Stormwater Management Design Process**

**Preliminary Stormwater Design Plan**

The applicant shall present a Preliminary Design Plan for the stormwater management system prior to submission of a Definitive Plan.

In the Preliminary Design Plan, the applicant shall be prepared to discuss and justify the design approach for stormwater management. The Planning Board will consider the three stormwater management components in order of priority as described in the Handbook:

- Site Planning: Design the development using environmentally sensitive site design and low impact development techniques to preserve natural vegetation, minimize impervious surfaces, slow down times of concentration, and reduce runoff;
- Source Controls, Pollution Prevention, and Construction Period Erosion and Sediment Control: Implement nonstructural measures to prevent pollution or control it at its source; and
- Structural BMPs (physical devices typically designed and constructed to trap or filter pollutants from runoff or to reduce runoff velocities): Design, construct and maintain structural BMPs to attenuate peak flows, capture and treat runoff, and provide recharge to groundwater.

The Planning Board will emphasize using environmentally sensitive site design and low impact development techniques to minimize the amount of onsite disturbance and to lessen the need for BMPs for stormwater quality treatment and volume/velocity management.

The applicant shall provide a detailed description of the approach being applied to satisfy the standards in the Handbook. At a minimum, the applicant shall consider and present the design based on the Checklist for Stormwater Report, located in the Handbook, to the Planning Board.

For the parcel being developed, the applicant shall provide a drawing of the site that identifies each watershed in the parcel and every watershed of which the parcel is a part, the Hydrological Soil Group (A, B, C& D) for each of the sub-areas, and the impervious areas to be developed on the parcel. All wells, septic systems and critical areas are to be identified on the drawing for the parcel and abutting parcels within 150 ft of the parcel being developed

The Planning Board will review the proposed design, evaluate the design, and provide comments on the design.

### **Definitive Stormwater Design Plan**

The applicant shall:

- Implement the design proposed in the preliminary design plan as modified by the comments received from the Planning Board. The final detailed design shall be presented to the Planning Board for final review and comment. The Planning Board may reject a detailed design, which does not address the issues identified by the Planning Board from the preliminary design.
- Provide data for all Water Quality and Recharge calculations based on the Stormwater Management System design.
- Provide the source data for all Water Quantity Volume calculations.
- Provide the source data for all Stormwater Recharge calculations.



- Provide the source data for all Peak Discharge Rate Calculations
- Provide data for the TSS removal calculations.
- In addition, the Planning Board may require that the data necessary to use Rational Equation Method be provided.

### **Stormwater Management System Appropriate for a Parcel**

The submission to the Board of any development of land has to recognize that stormwater management requirements may be the constraining factor in the amount of the proposed impervious surface and thus the number of units that can be built on a parcel in Stow.

