

January 16, 2019

Heather R. Shank, PLA, AICP - City Planner Concord City Hall 41 Green Street Concord, NH 03301

RE: Major Site Plan The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301 Tax Map 312, Lot Z6

Dear Heather,

On behalf of our Client, Stephens Brothers Properties, LLC, please find attached materials associated with a major site plan and wetlands conditional use permit for the Barn at Bull Meadow at the above noted address.

Project Narrative:

Existing site features include a 1-story wooden structure, CMU block foundation, stone grill, and fencing in several locations of the site. The Boston and Maine Railroad historically crossed the length of the property (west to east), which has been discontinued. The gravel railroad bed remains, located within the Recreational/Utility Easement to the City of Concord. A large portion of the site consists of existing wetlands, which attenuate and convey on-site stormwater, before ultimately flowing in a southeast direction to outlet into Beaver Meadow Brook offsite. The project area contains minimal elevation change, with the majority of the proposed development sitting approximately 3+/- ft below the elevation of Bog Road. The site elevations gradually decrease from the northwest to the southeast, reflected by the hydraulic flow paths through the wetlands toward Beaver Meadow Brook. Existing access comes from a gravel driveway off Bog Road.

The proposed development project involves rebuilding and expanding an existing gravel road for site access, removal of existing outbuildings and construction of a 5,960 sf building (180 seats max) with 69 parking spaces to be used as a reception hall for weddings, banquets and possible business meeting events. Weddings and receptions will be the primary functions at the site (90%+/-), however other types of events will be hosted at the venue such as business gatherings or family events (reunions, large birthday parties, anniversaries).

The proposed building will be serviced by existing utility infrastructure located in Bog road with the extension of electrical service, municipal water, and a forcemain connection to municipal sewer. Stormwater runoff from the developed portions of the property will be conveyed via overland flow to the proposed sediment forebays and bio-retention areas which will allow for removal of

pollutants and infiltration of stormwater prior to recharge to the aquifer. A portion of the site, consisting of the reconstructed gravel drive, will follow existing flow paths to the adjacent low-lying areas.

A variance for the proposed use (C-3, commercial indoor recreational facility) in the RO Residential Open Space District has already been approved. An NHDES wetlands permit and alteration of terrain permit and City conditional use permit (wetland buffer impacts) and driveway permit will be required.

Should there be any questions or concerns regarding this submittal or the project in general please do not hesitate to contact the undersigned at 472-4488 or <u>ngolon@tfmoran.com</u>.

Sincerely, TFMoran, Inc.

Mild Molon

Nicholas Golon, P.E. Senior Project Manager



January 16, 2019

Heather R. Shank, PLA, AICP - City Planner Concord City Hall 41 Green Street Concord, NH 03301

RE: Conditional Use Permit – Disturbance to a Wetland Buffer The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301

On behalf of our Client, Stephens Brothers Properties, LLC, a conditional use permit for disturbance to a wetland buffer for the siting of a proposed 5,960 sf building, associated parking and access located at 63Bog Road is requested.

The proposed development project involves rebuilding and expanding an existing gravel road for site access, removal of existing outbuildings and construction of a 5,960 sf building (180 seats max) with 69 parking spaces to be used as a reception hall for weddings, banquets and possible business meeting events. Weddings and receptions will be the primary functions at the site (90%+/-), however other types of events will be hosted at the venue such as business gatherings or family events (reunions, large birthday parties, anniversaries).

The proposed project will require a disturbance to a wetland buffer per Section 28-4-3 of the Concord Zoning Ordinance. This section of the city ordinance requires the submittal of a conditional use permit application for "the recontouring or grading of the land, or the placement of impervious surfaces" within a wetland buffer. Improvements to the existing site driveway and construction of a suitable parking lot for the proposed use will require grading within the 50-foot wetland buffer. Approximately 104,019 sf of wetlands buffer will be disturbed. Conditional Use permits may be granted under the circumstance that the proposed buffer impact meets the following conditions:

- The disturbance of the buffer is necessary to the establishment of an allowable principal or accessory use on the buildable land area of the lot. Relief has been provided to allow the proposed indoor recreational facility (use C-3) in the RO Residential Open Space District and the buffer impacts are necessary to provide access and parking to the proposed building. To make use of the available upland areas of the site as well as provide a maximum buffer to abutting residential uses, the proposed building and parking have been sited in a secluded portion of the site as shown the prepared site plans.
- The proposed disturbance to the buffer cannot practicably be located otherwise on the lot to eliminate or reduce the impact to the buffer and represents the minimum extent of disturbance necessary to achieve the reasonable use of those portions of the lot consisting of buildable land. The project has been refined to propose the least impacting layout that also

provides appropriate access and parking considerations for the proposed use. The proposed building is primarily located outside of the buffer area but the existing site access drive with a variable width of 12' to 15' is surrounded by wetlands on both sides, such that the wetland buffer essentially encompasses the entire area of the proposed driveway improvements. The width of the proposed driveway has been reduced from 24' to 20' with the concurrence of the City Fire Marshal to reduce wetland and wetland buffer impacts and the improved 20' wide gravel driveway has been sited per direction received from NHDES Wetlands Bureau and Alteration of Terrain, to minimize impacts to wetlands to the extent practical. Best management practices will be used during construction to further minimize impacts to the site.

- The proposed disturbance to the buffer minimizes the environmental impact to the abutting wetland, and to downstream property and hydrologically connected water and wetland resources. As stated above, the rebuild of the existing site driveway has been coordinated with the appropriate State agencies relative to wetland impacts. It was determined that the driveway should be offset from the existing site driveway location and super-elevated to drain to the east without inclusion of a drainage swale or other stormwater management to limit impacts to existing wetlands. This minimizes impacts to the wetland community located on the east side of the road and eliminates wetland impacts to the wetland community located on the west side of the driveway beyond the site entrance. All wetland impacts associated with the project are for access only and appropriate stormwater management systems for the parking lot have been provided to attenuate and treat stormwater runoff, with those systems located outside the buffer to the extent practical.
- Where applicable, wetland permit(s) have been received or are obtained from the NHDES and USACOE. A wetlands permit will be filed with both NHDES and USEACOE for the anticipated impacts.
- Where applicable, permits or proof of compliance with all other state and/or federal regulations have been received or are obtained. Copies of applicable state and federal permits will be provided once received.

All conditions have been or are in the process of being met at this time. All standards of review have been considered and any supplementary engineering studies or analysis will be provided per Section 28-9-4.

Should there be any questions or concerns regarding this submittal or the project in general please do not hesitate to contact the undersigned at 472-4488 or <u>ngolon@tfmoran.com</u>.

Sincerely, TFMoran, Inc.

Mild Molon

Nicholas Golon, P.E. Senior Project Manager

Project:	The Barn at Bull Meadow	
TFM No.	95906-01	
Date:	2/26/2019	
Revised:	3/4/2019	
Calc by:	J. Belanger	
Reviewed by:	N. Golon	

Existing Buffer Impacts	76,599	SF
Proposed Buffer Impacts	27,993	SF
Total Buffer Impacts	104,592	SF
Existing Impervious in Buffer	16,832	SF
Proposed Impervious in Buffer	23,705	SF
Total Impervious in Buffer	40,537	SF
Tree Removal in Buffer	31,798	SF

Notes

See 95906-01 Site Layout.dwg for areas



WETLAND BUFFER TABULATIONS

TOTAL

104,592 SF 40,537 SF

	EXISTING	PROPOSED
WETLAND BUFFER IMPACTS	76,599 SF	27,993 SF
IMPERVIOUS SURFACE COVERAGE WITHIN BUFFER	16,832 SF	23,705 SF
TREE REMOVAL AREA WITHIN BUFFER		31,798 SF





January 22, 2019

Heather R. Shank, PLA, AICP - City Planner Concord City Hall 41 Green Street Concord, NH 03301

RE: Conditional Use Permit – Appurtenant Structure Height The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301

On behalf of our Client, Stephens Brothers Properties, LLC, a conditional use permit for appurtenance structures (cupulas) to exceed the allowable height is requested.

The proposed development project involves construction of a 6,296-sf building (180-seats max) to be used as a reception hall for weddings, banquets and possible business meeting events. Weddings and receptions will be the primary functions at the site (90%+/-), however other types of events will be hosted at the venue such as business gatherings or family events (reunions, large birthday parties, anniversaries).

The primary structure will measure 31'-1 11/16" in height from the surrounding ground elevation to roof peak, with two (2) cupolas measuring an additional 3'-3/4" (35'-9 9/16" total height), exceeding the maximum building height of 35' per Section 28-4-1 of the Concord Zoning Ordinance. This section of the city ordinance requires the submittal of a conditional use permit application for "appurtenant structure or building features not designed for human occupancy or commercial identification, including but not limited to spires, steeples, cupolas, domes, parapet walls, chimneys or smokestacks". Conditional Use permits may be granted under the circumstance that the proposed additional height of the appurtenant structure is granted approval in accordance with Section 28-9-4(f), Architectural Design Review, and meets the following conditions:

- Utilitarian structures, such as chimneys and smokestacks, shall exceed the height limit only to the minimum extent necessary to accomplish their function. The proposed cupulas are not utilitarian structures, as they are decorative structures.
- The materials and colors of utilitarian structures shall minimize the visual contrast of the structure with its surroundings. The proposed cupulas are not utilitarian structures, as they are they are decorative structures.
- Decorative or ornamental structures, such as steeples and cupulas, shall be architecturally integrated, in terms of colors and materials, with the primary building or structure to which they are appurtenant. The proposed cupulas are a brown color, consistent with the board and batten proposed for the main structure. The cupulas architecturally enhance the barn-style aesthetic of the wedding venue, consistent with existing structures found throughout New

England. Roofing material for the cupulas will also be consistent with the proposed structure, consisting of asphalt shingles. The cupulas will provide additional windows and natural lighting into the venue and the decorative structures provide surface breaks in large expanses of unbroken spans.

- All appurtenant structures shall be designed to minimize shadow impacts and impacts to solar access to public parks and open space, and on adjacent buildings and properties. The proposed structure is located greater than 1,000' from the nearest residential structure and 40' from the nearest property line. It is not anticipated that the appurtenant structures will have negative impacts on the abutting property as the nearest property is a vacant lot, and existing trees along the property line are of a greater height than the proposed structure.
- Any adverse visual impacts of the height and appearance of an appurtenant structure shall be minimized where the structure is to be located within a scenic vista or natural or pastoral view. The proposed structure is located approximately 1,229' from the adjacent Bog Road, with existing natural tree cover separating the structure from the public road. Adverse visual impacts are not anticipated due to the proposed structures.
- The design of the appurtenant structure shall respect the surrounding vernacular architecture and view of the State House Dome and the City's skyline. The proposed design mimics a traditional New England style barn and reflects the existing vernacular architecture of the surrounding areas. The structure is located approximately 4.1-miles from the State House, and it is not anticipated that there will be impacts on the City's skyline.

Should there be any questions or concerns regarding this submittal or the project in general please do not hesitate to contact the undersigned at 472-4488 or <u>ngolon@tfmoran.com</u>.

Sincerely, TFMoran, Inc.

Mild Molon

Nicholas Golon, P.E. Senior Project Manager



January 23, 2019

Heather Shank, PLA, AICP – City Planner City of Concord Planning Department 41 Green Street Concord, NH 03301

Re: Section 12.03(6) Existing Soils - Waiver Request The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301 Tax Map 312, Lot Z6

Dear Heather,

On behalf of our Client, Stephens Brothers Properties, LLC, we respectfully request a waiver from Section 12.03(6) Plan Certification – Soil Scientist of the Site Plan Regulations – to allow the existing soil conditions to be identified and classified utilizing the USDA Natural Resources Conservation Service (NRCS) system rather than a New Hampshire Certified Soil Scientist.

The project proposes to develop approximately 3.5-acres of the 33.7-acre parcel. NRCS data, supported by a series of fifteen (15) test pits completed by a NH Licensed Septic Designer, confirm uniform soil conditions through the development area. Infiltration tests performed in tandem with the test pits also support the NRCS data. Given the predominance of wetlands throughout the site, a particular and unnecessary hardship would befall the applicant by requiring soil mapping in non-buildable areas. This mapping would not provide a benefit to the public which outweighs the hardship to the applicant.

We understand the intent of this regulation is to ensure subsurface conditions are correctly identified such that they may be modeled appropriately as a part of a stormwater management design and/or subsurface effluent disposal system. In that we have otherwise verified the subsurface conditions through test pits and there is no proposed septic system, it would appear unnecessary for a Certified Soil Scientist to perform soil mapping. As such, we believe that this waiver will still properly carry out the intent and purpose of the Site Plan Regulations.

We believe this request is appropriate and consistent with the expectations of the Planning Board and that this Site Plan upholds the spirit of the Site Plan Regulations and public convenience and welfare will not be adversely affected. As such, we respectfully request a waiver from Section 12.03(6).

Sincerely, TFMoran Inc.

Mild Molon

Nicholas Golon, PE Senior Project Manager



January 23, 2019

Heather Shank, PLA, AICP – City Planner City of Concord Planning Department 41 Green Street Concord, NH 03301

Re: Waiver Request Section 15.03(1) Existing Property Lines Section 15.03(3) Existing Topography Section 15.03(5) Existing Natural Features The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301 Tax Map 312, Lot Z6

Dear Heather,

On behalf of our Client, Stephens Brothers Properties, LLC, we respectfully request a partial waiver from Sections 15.03(1), 15.03(3), and 15.03(5) Existing Conditions – Property Lines, Topography, and Natural Features of the Site Plan Regulations – to allow these items to only be provided within and adjacent to the area of proposed work.

Given the relatively small area of proposed development (3.5-acres) in relation to the entirety of the parcel (33.7-acres), strict conformity to the regulations would result in a particular and unnecessary hardship to the applicant to require a complete survey of the entire parcel. Detailed topographic conditions are shown within the area of proposed work and wetlands have been delineated within and adjacent to areas of proposed work to establish the required wetland buffers. The site is a lot of record, and prior to submittal the design team reviewed with City Staff (Planning and Survey) which pertinent property lines should be verified in proximity to the area of development. In that we have provided the requested boundary information, it is our understanding we have Staff support for the partial boundary survey submitted.

We believe this request is appropriate and consistent with the expectations of the Planning Board and that this Site Plan upholds the spirit of the Site Plan Regulations and public convenience and welfare will not be adversely affected. As such, we respectfully request a waiver from Sections 15.03(1), 15.03(3), and 15.03(5).

Sincerely, **TFMoran Inc.**

Mild Molon

Nicholas Golon, PE Senior Project Manager



March 12, 2019

Heather Shank, PLA, AICP – City Planner City of Concord Planning Department 41 Green Street Concord, NH 03301

Re: Waiver - Section 21.03 Connection to City Streets The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301 Tax Map 312, Lot Z6

Dear Heather,

On behalf of our Client, Stephens Brothers Properties, LLC, we respectfully request a waiver from Section 21.03 Connection to Public Sidewalks – to not provided a sidewalk along the 20' wide gravel access drive to connect to the City sidewalk on Bog road for the above noted facility.

Construction of a sidewalk along the proposed 20' gravel driveway would generate in excess of 4,000 sf. of additional wetland impacts due to wetlands located on both sides of the existing 12-15-foot variable width driveway. The applicant has secured a variance to reduce the driveway width from 24-feet to 20-feet to limit impacts to wetlands on either side of the road and for comparable reasons, requests a waiver to not provide a sidewalk.

Although there is a City sidewalk available at the site driveway entrance on Bog Road, this would not be considered a Site Arrival Point as defined by the ADA as this location does not coincide with or is it located in, the same vicinity as general site circulation paths given its location 1,200 lf. from the parking lot and 1,500 lf. from the building. As such, an ADA compliant sidewalk would not be a requirement. Please note an accessible route does connect the proposed parking lot to an accessible entrance at the building.

We feel this request is appropriate and consistent with the expectations of the Planning Board and that this Site Plan upholds the spirit of the Site Plan Regulations and public convenience and welfare will not be adversely affected. As such, we respectfully request a waiver from Section 21.03.

Sincerely, **TFMoran Inc.**

Mild Molon

Nicholas Golon, PE Senior Project Manager



March 12, 2019

Heather Shank, PLA, AICP – City Planner City of Concord Planning Department 41 Green Street Concord, NH 03301

Re: Waiver - Section 22.07(2) Stormwater Recharge The Barn at Bull Meadow 63 Bog Road, Concord, NH 03301 Tax Map 312, Lot Z6

Dear Heather,

On behalf of our Client, Stephens Brothers Properties, LLC, we respectfully request a waiver from Section 22.07(2) Stormwater Recharge – to maintain 3-feet of separation where 4-feet is required between the bottom of an infiltrative system and the groundwater, where a filtraive system designed in accordance with NHDES Alteration of Terrain regulations is proposed.

The stormwater management system proposed (bio-retention areas) is a filtrative vs. infiltrative practices as defined by NHDES Env-Wq. 1500 Alteration of Terrain, which by their standard requires 3-feet of separation between the bottom of the practice and groundwater. In that the system has been designed to an appropriate specification in accordance with State standards we believe an appropriate standard of care has been provided.

We feel this request is appropriate and consistent with the expectations of the Planning Board and that this Site Plan upholds the spirit of the Site Plan Regulations and public convenience and welfare will not be adversely affected. As such, we respectfully request a waiver from Section 2.07(2).

Sincerely, **TFMoran Inc.**

Michol Molon

Nicholas Golon, PE Senior Project Manager

63 Bog Rd. Existing Property Pictures













RECEIVED



The Barn at Bull Meadow – Site Photographs

Photo 1



Existing gated entrance from Bog Road, looking south from Bog Road



Existing gravel access drive from Bog Road, looking north towards Bog Road

JAN 2 2 2019

Planning Division Concord, NH

The Barn at Bull Meadow 63 Bog Road Concord, NH 03301

Photo 2



Photo 3



Existing grassed area and structure located in southern portion of property, looking southeast from gravel drive





Existing structure located in southern portion of property



Photo 5



Existing grassed area in western portion of lot, looking west from gravel drive



Existing foundation located along gravel drive

The Barn at Bull Meadow 63 Bog Road Concord, NH 03301

Photo 6



Photo 7



Existing grassed area in southern portion of lot, looking north

Photo 8



Existing grassed area in western portion of lot, looking west from gravel drive



Photo 9



Existing woods road in southeastern portion of property



Photo 10



Aerial Imagery of the proposed venue (Map 312 Lot Z6) and proposed area of work (seen in red).