

Town of Windham

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MEMO

DATE: November 9, 2018

TO: Windham Planning Board
FROM: Amanda Lessard, Planner *AL*
Cc: Owens McCullough, P.E., Sebago Technics
Development Review Team

RE: 18-35 MDOC Correctional Center Maintenance & Control Plant, Major Site Plan –Final Plan
Planning Board Meeting: November 14, 2018

Overview –

This application is for a new 20,017 square foot maintenance and central plant building on the 108 acre parcel at 17 Mallison Falls Road. A Correctional Center and several outbuildings with entrances on Mallison Falls Road are currently located on the site. The Planning Board approved a site plan in 1989 for an expansion of the Correctional Facility and in October 2015 for a 24,000 square foot Women's Re-entry Center on River Road. The development is subject to a Maine Department of Environmental Protection Site Location of Development Approval Order #L-015483-26-A.N and will require an amendment to that permit.

This project was scheduled to appear as a Sketch Plan at the Board meeting on October 22, 2018, but was not considered due to time, so the item was postponed to this agenda. The applicant has submitted a final plan application and would like the Board to consider voting on the final plan application at this meeting.

Correctional facilities are a conditional use in the Industrial District so in accordance with Section 516.B the Planning Board shall serve as the review authority.

New comments from the staff memo dated October 19, 2018 appear as underlined text below.

Tax Map: 3; Lot: 5. Zone: Industrial (I), Stream Protection (SP), and General Development District (GD).

SITE PLAN REVIEW

Staff Comments:

1. Waivers. *None requested, however staff notes the following potential waiver request:*
 - a. §811.B.1.d.1.viii – Boundary Survey. Submission Requirement.
The bearings and length of all property lines of the property to be developed and the stamp of the surveyor that performed the survey (page 8-23). The site plan only shows the portion of the property the applicant is proposing to develop as part of this application, not the entire 108 acre property.
2. Complete Application: *The applicant should submit a written statement describing how the conditional use will meet the review criteria of Section 516; and submit a boundary survey of the full property or request the above waiver.*

MOTION: The application for project 18-35 MDOC Maintenance & Control Plant is found complete in regard to the submission requirements based on the application checklist, but the Planning Board retains the right to request more information where review criteria are not fully addressed.

3. Public Hearing: A public hearing has not been scheduled for this project. The Board should determine whether to hold a public hearing.
4. Site Walk: A site walk has not been scheduled for this project. The Board should determine whether to hold a site walk.

Findings of Fact and conclusions for the

Windham Planning Board,

The Site Plan application for 18-35 MDOC Maintenance & Control Plant on Tax Map: 3, Lot: 5, is to be **(approved with conditions/denied)** with the following findings of fact and conclusions.

FINDINGS OF FACT

Utilization of the Site

- The property is 108+ acres located between the Mountain Division Trail, Mallison Falls Road, River Road, and Colley Wright Brook. There is an existing correctional facility located at the west of the site at the top of the ridge accessed from Mallison Falls Road and a Women's Reentry Facility accessed via River Road.
- The proposed maintenance and control plant building will be located on the westerly side of the existing facility just outside the security fence and next to an existing parking lot.

Vehicular and Pedestrian Traffic

- The subject parcel has approximately 2,000+ feet of frontage on Mallison Falls Road and on River Road.

- No additional curb cuts are proposed to serve the Maintenance & Control Plant.
- A traffic impact study must be submitted with the final plan set if the project will generate fifty (50) or more trips during the a.m. or p.m. peak hour.
- The site plan should show any proposed parking spaces adjacent to the building. No minimum number of parking spaces are required. The applicant should demonstrate that the number of spaces provided onsite will meet the needs of the anticipated uses on the property.
- The final site plan submission states that the new maintenance and physical plant building will replace an existing building so no change in traffic generation or patterns are expected.

Sewage Disposal and Groundwater Impacts

- The Correction Center complex is served by public water and sewer. The new building will be served by public sewer. The applicant should clarify if the new building will generate any additional wastewater beyond the existing use.
- The final site plan submission states that the new maintenance and physical plant building will replace an existing building so no change in overall water usage or wastewater generation is expected.
- In an email dated November 8, 2018, Town Engineer Jon Earle P.E., notes that Sheet 7 of 13 shows a 1,000 gallon temporary holding tank being installed in front of the building and asks if it must be permitted by the Town CEO and at what stage of the project will the building be tied into the public sewer system.
- In a response to review comments, Owens McCullough P.E. of Sebago Technics agreed that an HHE-200 will need to be submitted but that the holding tank will be a temporary condition for construction offices in the building until the sewer system planning is complete for the entire re-development.
- The project will include a 1,000 gallon above ground fuel storage tank for the purposes of fueling operations vehicles. The fuel tank will be double walled with monitoring and will also be set inside a precast concrete chamber with a shed roof. The fueling area is shown on the site plan.
- Details of the fuel tank storage are shown on Sheet 14 of 13 of the final plan set. The final plan submission narrative states that prior to the site being operational, a revised SPCC plan will be prepared in general conformance with State standards and 40 CFR 112.

Stormwater Management

- The project must receive approvals from Maine DEP for an amendment to a Site Location of Development Act permit and must comply with the standards of DEP Chapter 500 Stormwater Management.
- This project is in the NPDES (National Pollutant Discharge Elimination System) area as designated by the Environmental Protection Agency for the Town of Windham. As a result, there will be additional construction inspection requirements and ongoing requirements for reporting of stormwater infrastructure maintenance if the area of development is greater than one (1) acre. See Condition of Approval #2.

- A stormwater management plan dated revised October 2018 prepared by Sebago Technics, has been submitted as part of the final plan submission. The redevelopment will result in approximately 79,887 square feet (1.83 acres) of total land disturbance, including 45,283 square feet (1.04 acres) of impervious area and 34,594 square feet (0.79 acres) of landscaped area. Stormwater will be detained and treated by one underdrained soil filter and one drip edge filter.
- An Amended Site Location of Development Act Permit #L-15483-26-H-B was issued by the Maine Department of Environmental Protection on October 29, 2018 and included in the final plan submission.
- In an email dated November 8, 2018, Town Engineer Jon Earle, P.E., states that the project meets the Town's Chapter 500 requirements for the Basic, General, and Flooding standards.

Erosion Control

- A soil erosion and sediment control plan has been submitted as Sheets 9 of 13 dated October 11, 2018 of the sketch plan set.

Utilities

- Two new underground electrical services are shown on the sketch plan Utility Plans Sheets 7 and 8. Underground electric will serve the building.
- The new building must have a sprinkler system, and an addressable fire alarm system that meets NFPA standards.
- The plan shows a new 12" water main will be extended from Mallison Falls Road with a 6" fire service and 2" domestic service to the building.
- The applicant must submit an Ability to Serve letter from the Portland Water District that confirms the proposed water and sewer services conform with its design and construction standards, that the development will not result in an undue burden on the systems, and the water lines will be installed in a manner adequate to provide needed domestic and fire protection flows.
- The final site plan submission states that the new maintenance and physical plant building will replace an existing building so no change in overall water usage or wastewater generation is expected. It is anticipated to use approximately 43.6 gpm (Peak Flow) and approximately 220 gallons per day and include a peak flow calculation based on the fixture count.
- The final plan submission includes an email dated October 18, 2018 from Robert Bartels, PE, of the Portland Water District that includes an infrastructure map noting the location, type, and size of the public water mains near the site and that it is possible to make a new connection after review of design plans.
- In an email dated November 8, 2018, Town Engineer Jon Earle, P.E., questioned if the backflow device shown on the Utility Plan Sheet 8 of 13 had been approved by PWD.
- In a response to review comments, Owens McCullough P.E. of Sebago Technics stated that the 12' x 20' building shown on sheet 8 of 13 will include a meter pit, testable backflow preventer valve and check valve for ease of access by PWD as they required.

Financial and Technical Capacity

- The sketch plan submission states that in 2016 the State of Maine authorized funding (S.P. 547- L.D. 1447) an act to authorize the Maine governmental facilities authority to issue securities to pay for capital improvements at the Maine Correctional Facility in Windham.
- The final plan submission includes an email from Gary LaPlante, Director of Operations at the Maine Department of Corrections, stating that the legislation did not dictate how the funds would be utilized and are sufficiently available for this aspect of the project.
- The final plan submission includes an estimate the total project cost.
- The applicant has provided information on the licensed professionals working on this project as evidence of technical capacity.

Impacts to Adjacent/Neighboring Properties

- The final plan submission states that due to the nature of and sequencing of the proposed project, landscaping will be addressed during the larger prison modifications to follow this application.
- A dumpster enclosure is shown on the final site plan Sheet 5 of 13. Section 812.T requires that dumpsters shall be screened by fencing or landscaping. No dumpster enclosure detail is included in the plan set.
- Site lighting must be shown on Final Plan, and details of fixtures must be included in the submission.
- The final plan submission states that the project will include exterior building mounted lights with sharp cut-offs. Existing light poles will also be removed and relocated in according to the Utility Plan Sheet 7 of 13. The building lights are shown on the Lighting Plan Sheet EL101 and fixture details are listed on the Light Fixture Schedule Sheet EL601.

Conformity with Local Plans and Ordinances

1. Land Use

- This project meets the 100 foot setback requirements of the I zoning district.
- This project meets the minimum lot size requirements and minimum lot frontage requirements of the I zoning district.
- All non-residential uses in the I zoning district must provide two (2) square feet of open space for everyone one (1) square foot of floor area. The applicant should quantify the floor area and open space on the property.
- Mallison Falls Road is the boundary of the Industrial District and Medium-Density Residential District. Zoning District boundaries should be shown on the plan. The I zoning district standards requires a 50 foot buffer from all property lines that abut a residential zoning district where no development is allowed and the buffer must provide screening as described in the definition of “buffer strip”. There is an existing parking lot in the 50 foot

buffer along Mallison Falls Road. The proposed Maintenance & Control Facility does not propose to increase the nonconformity.

2. Comprehensive Plan

- This project meets the goals and objectives of the 2017 Comprehensive Plan.

3. Others:

- Chapter 144 Post-Construction Stormwater Ordinance: The site is in the NPDES MS4 urbanized area.
- Conditional Use, Section 516. The project must comply with the review criteria.

CONCLUSIONS

1. The plan for development **reflects** the natural capacities of the site to support development.
2. Buildings, lots, and support facilities **will** be clustered in those portions of the site that have the most suitable conditions for development.
3. Environmentally sensitive areas, including but not limited to, wetlands; steep slopes; flood plains; significant wildlife habitats, fisheries, and scenic areas; habitat for rare and endangered plants and animals; unique natural communities and natural areas; and, sand and gravel aquifers **will** be maintained and protected to the maximum extent.
4. The proposed site plan **has** sufficient water available for the reasonably foreseeable needs of the site plan.
5. The proposed site plan **will not** cause unreasonable soil erosion or a reduction in the land's capacity to hold water so that a dangerous or unhealthy condition results.
6. The proposed use and layout **will** be of such a nature that it will make vehicular or pedestrian traffic no more hazardous than is normal for the area involved.
7. The proposed site plan **will** provide for adequate sewage waste disposal.
8. The proposed site plan **conforms** to a duly adopted site plan regulation or ordinance, comprehensive plan, development plan, or land use plan.
9. The developer **has** adequate financial capacity to meet the standards of this section.
10. The proposed site plan **will not** alone or in conjunction with existing activities, adversely affect the quality or quantity of ground water.
11. The proposed site plan **will** provide for adequate storm water management.
12. The proposed location and height of buildings or structure walls and fences, parking, loading and landscaping shall be such that it **will not** interfere or discourage the appropriate development in the use of land adjacent to the proposed site or unreasonable affect its value.
13. On-site landscaping **does** provide adequate protection to neighboring properties from detrimental features of the development that could be avoided by adequate landscaping.

CONDITIONS OF APPROVAL

1. Approval is dependent upon, and limited to, the proposals and plans contained in the application dated October 11, 2018, as amended November 7, 2018, and supporting documents and oral representations submitted and affirmed by the applicant, and conditions, if

- any, imposed by the Planning Board, and any variation from such plans, proposals and supporting documents and representations are subject to review and approval by the Planning Board or the Town Planner in accordance with Section 814.G. of the Land Use Ordinance.
2. Approval is subject to the requirements of the Post-Construction Stormwater Ordinance, Chapter 144. Any person owning, operating, leasing or having control over stormwater management facilities required by the post-construction stormwater management plan must annually engage the services of a qualified third-party inspector who must certify compliance with the post-construction stormwater management plan on or by May 1st of each year.

CONDITIONAL USE REVIEW

FINDINGS OF FACT

Property Value

- The existing use of the property is a Correctional Facility. An additional building on the site will not impact the value of surrounding properties.

Wildlife Habitat

- See Site Plan Review

Botanical Species

- See Site Plan Review

Potable Water

- See Site Plan Review

Sewage Disposal

- See Site Plan Review

Traffic

- See Site Plan Review

Public Safety

- See Site Plan Review

Vibration

- The applicant should provide documentation if blasting is proposed to construct the proposed facility or if the use will produce recurrently generated vibrations.

Noise

- See Site Plan Review

Off-Street Parking and Loading

- See Site Plan Review

Odors

- See Site Plan Review

Air Pollution

- See Site Plan Review

Water Pollution

- See Site Plan Review

Erosion and Sediment Control

- See Site Plan Review

Hazardous Material

- See Site Plan Review

Zoning District and Performance Standards

- See Site Plan Review

Solid Waste Management

- See Site Plan Review

CONCLUSIONS

1. The proposed use **will not** depreciate the economic value of surrounding properties.
2. The proposed use **will not** damage significant wildlife habitat or spawning grounds identified by the Maine Department of Inland Fisheries and Wildlife or by the Town of Windham's Comprehensive Plan.
3. The proposed use **will not** damage rare or endangered botanical species as identified by the Maine Department of Conservation or by the Town of Windham's Comprehensive Plan.
4. The proposed use **has** access to potable water and **will not** burden either a groundwater aquifer or public water system.
5. The proposed use **has** adequate capacity to dispose of sewage waste.
6. The proposed use **has** adequate sight distance as established by current Maine DOT Highway Entrance and Driveway Rules.
7. The proposed use **will not** overburden police, fire and rescue services, as determined by response time, accessibility to the site of the proposed use, and numbers and types of emergency personnel and equipment presently serving the community.
8. The proposed use **will not** produce inherently and recurrently generated vibrations that exceed a peak particle velocity greater than 2.0 at the closest "protected structure," as defined by the Maine Department of Environmental Protection.
9. The proposed use **does** meet the noise standards in Section 812.S. of the Site Plan Review Ordinance.

10. The proposed use **does** meet the parking and loading standards of Section 812.C. Site Plan Review.
11. The proposed use **will not** emit noxious or odorous matter in such quantities as to be offensive at the lot boundaries.
12. The proposed use **will not** cause the emission of dust or other form of air pollution which can cause any damage to health, to animals or vegetation, or other forms of property.
13. The proposed use **will not** discharge any materials in such nature or temperature as to contaminate any water supply or otherwise cause the emission of dangerous or objectionable elements.
14. The proposed use **will not** cause water pollution, sedimentation, erosion, nor contaminate any water supply, nor reduce the capacity of the land to hold water, so that a dangerous or unhealthy condition may result.
15. The proposed use **will not** for any period of time discharge across the boundaries of the lot wherein it is located toxic and noxious matter in concentrations so that a dangerous or unhealthy condition may result.
16. The proposed use **does** meet the applicable zoning district standards in Section 400 and the applicable performance standards of Section 500.
17. The proposed use **will** provide for adequate disposal of solid wastes.