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November 6, 2024

Mr. Larry Burcroff, Chairman
Inland Wetlands & Watercourses Commission
27 Main Street
P.O. Box 0548
Salisbury, CT 06068

Re: Salisbury Winter Sports Association (SWSA)
80 Indian Cave Road
Salisbury, CT

Dear Mr. Chairman:

We have reviewed the following information provided to our firm:

1. Engineering drawings entitled, "SALISBURY WINTER SPORTS ASSOCIATION, INDIAN CAVE ROAD, SALISBURY, CONNECTICUT, SNOW MAKING POND PLAN, " as submitted by Patrick R. Hackett, PE, Scale: As noted on plans, Dated July 18, 2024, to include the following sheets:

    a. 100 Scale Existing/Proposed Site, Sheet 1
    b. 20-Scale Pond Plan, Sheet 2
    c. 20-Scale Section, Sheet 3
    d. 20-Scale Section2 & Details, Sheet 4
    e. Erosion & Sediment Control Plan, Sheet 5
    f. 40 Scale Pond Spoils Fill Area. Sheet 6

2. Hydrogeologic Report, SWSA SNOW POND, INDIAN CAVE ROAD, SALISBURY, CONN., as Prepared by Patrick R. Hackett, P.E. dated September 23, 2024.

3. Hydrogeology Review, SWSA Snow Pond, Indian Cave Road, Salisbury, Connecticut, Dated October 11, 2024, as Prepared by Weston & Sampson Engineers, Inc.

Engineering Comments:

1. Provide clearing limits for entire site.

2. Does the total cut volume =3,490 CY, include the 884 CY volume of organics?

3. Provide the locations of, and/or indicate all existing/proposed access roads to be utilized to move the excavated materials.

4. Provide sizing computations for the proposed dewatering area based upon the maximum flow(s) from the proposed dewatering pumps to be utilized during the excavation process.

5. Include all access roads, temporary stockpile areas, and permanent pond fill areas within the proposed limit of disturbance.

6. Provide grading in the proposed permanent pond fill area. Please note: the proposed area has greater than fifty (50) feet of elevation change, therefore, would require reverse benches every twenty (20) vertical feet of proposed elevation change in an effort to control run-off and promote permanent stabilization.

7. The proposed permanent pond fill area shall be completed in 12-inch lifts (max.) and compacted to 95% compaction.

8. Provide permanent stabilization in the proposed permanent fill area to include loam, seed, surface roughening, and stabilization with erosion control blankets.

9. Provide a detailed construction sequence to include but not limited to clearing, grubbing, stumping, stripping of topsoil prior to fill placement, temporary loam stockpile, excavated materials to be placed, and final stabilization.

10. To aid the IWWC to fully understand the entire scope of this project, provide detailed construction methods and means for the entire project to include, but not limited to the following:

    a. Pond excavation.
    b. Dewatering of pond area.
    c. Dewatering of excavated materials, once removed.
    d. Separation of excavated materials.
    e. Transportation of materials on-site.
    f. Existing/Proposed access roads to be utilized for material transportation.
    g. Final placement to include compaction requirements.
    h. Construction equipment to be utilized for <u>all</u> construction activities throughout the project duration.

i. Maintenance of dewatering area to include removal of sediment and proposed final destination of all sediment.
j. Final stabilization.

Revised Conditions of Approval:

1. Submit revised Engineering Plans to the Town Engineer for review/approval.

2. Final approved plans shall have live signature and embossed seal of the Engineer and Surveyor of record. These shall be submitted to the Town of Salisbury Land Use Administrator prior to any construction.

3. **The Design Engineer shall provide an Erosion & Sedimentation Control Measures Bond estimate for review by the Consulting Town Engineer. The final bond amount shall be set by the Consulting Town Engineer.**

4. A Pre-Construction Meeting is recommended with the Town staff prior to the start of construction to inspect E & S control measures and to discuss construction sequencing/phasing/methods/means.

5. During the construction process, the Owner/Developer/Contractor shall add erosion and sedimentation control measures as deemed necessary by the Town of Salisbury staff and/or the Consulting Town Engineer.

6. Daily inspections and required maintenance of all erosion & sedimentation control measures shall be completed by the Site Contractor until a permanent vegetated cover is established. Repairs shall be made immediately after inspections.

7. Inspection requirements, by the Consulting Town Engineer, shall be determined by the Commission.

8. **An As-Built Site Improvement and Grading Plan**, prepared by a State of Connecticut Registered Land Surveyor, shall be submitted to the Land Use Administrator after all the site work is completed, and prior to requesting a Certificate of Occupancy.

9. A final site inspection shall be completed by the Land Use Administrator and/or the Town Engineer prior to the release of the Erosion & Sedimentation Control Bond and/or the issuance of a Certificate of Occupancy.

Sincerely,

Thomas D. Grimaldi
Principal Engineer

Robert R. Hiltbrand
Principal