

Town of Killingworth
Inland Wetlands and Watercourses Commission
Killingworth, Connecticut 06419

ON SITE WALK-THRU MINUTES

4:30 p.m.

March 20, 2024

Application W-23-23 March 14, 2024

**Joseph and Kelly Piagentini Beaver Dam Road permit application
Construction of Driveway and 12' span x 6' rise bottomless steel plate arch culvert in
stream way**

A field walk-thru was conducted on March 20, 2024 at the above reference site, the following were in attendance:

Terrence Doyle- Inland Wetlands Commissioner
Chris Plum Inland Wetlands Commissioner
Ernie Pizzuto- Inland Wetlands Commissioner
Glenn Johnson-Inland Wetlands Chairman
John Byrn Adjacent Property owner
Joseph Piagentini Property owner
Kelly Piagentini Property owner
Mike Ott, PE, LS Engineer for the applicant

The application as set forth at the March 14, 2024 wetlands commission meeting calls for the construction of a driveway access road and bottomless stream crossing culvert to a proposed residential development to occur at yet to be location located at the northeast portion of this site.

The present site is mostly a hilly wooded area that levels out at the location of the existing stream. The site has many surface boulders located throughout (See Picture No. 1). The stream has its source from Beaver Dam Pond located to the north.

The proposed driveway will begin at the approximate location of 23 Beaver Dam Road and extend thru a steep wooded area to the east to a point where it will cross the existing stream and then extend eastward.

Mike Ott indicated to the commission that stream crossing location would take place at its narrowest location to minimize disturbance to the wetlands and stream flow (See Picture No. 2). It is also to be noted that the selection of culvert was a bottomless steel arch type which is always the preferred type in lieu of a multi arrangement of concrete pipes which do not allow the free passage of waterborne species.

The commission should react to this application in a favorable manner because it focused on these key elements which are always of concern with our commission:

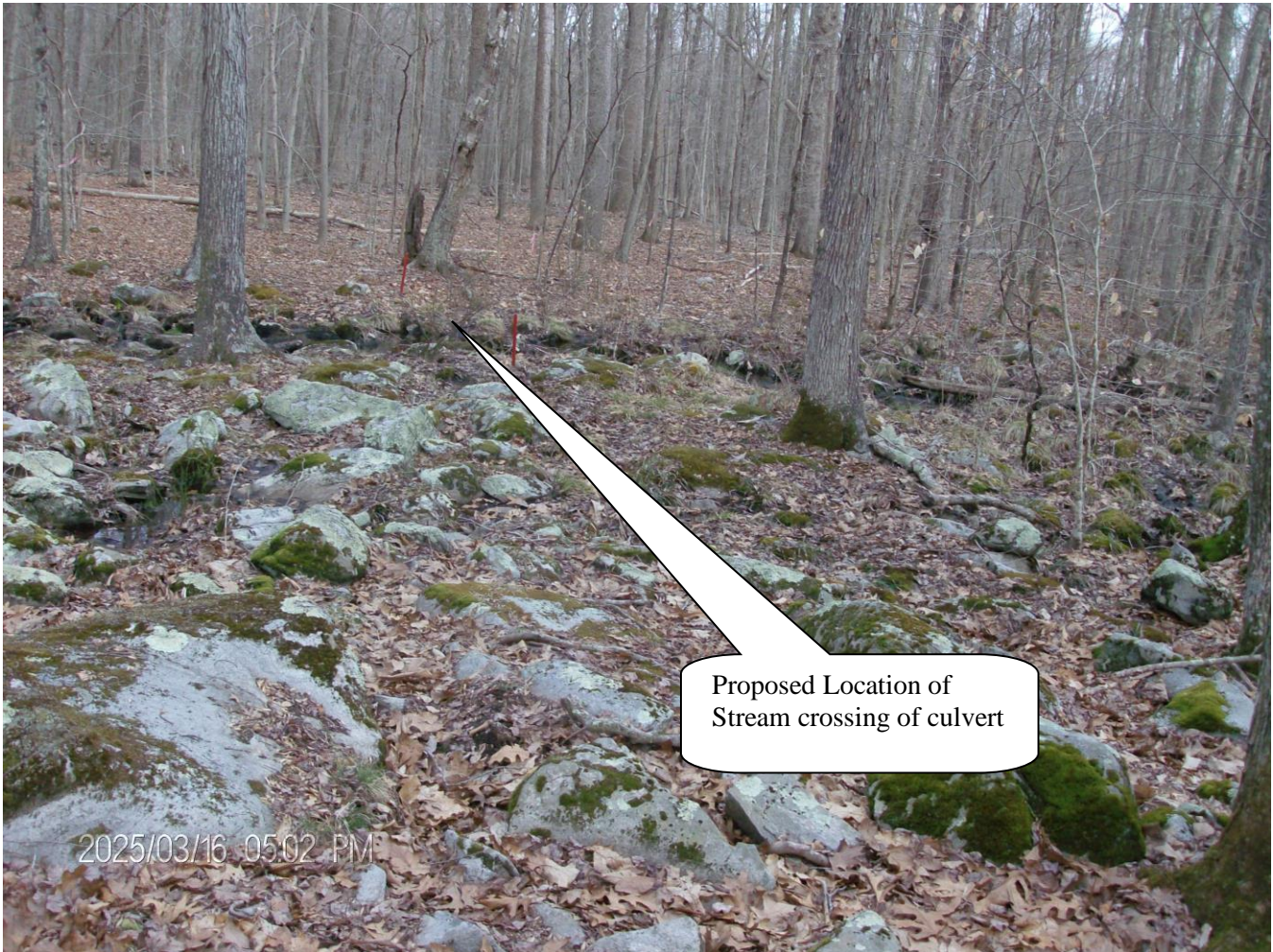
1. Wetlands disturbance, when necessary, would be minimized. This was evident in the selection of the stream crossing location.
2. A bottomless culvert was selected.
3. A strong set of erosion controls has been set forth in the application for the proposed construction.
4. A turbidity curtain was specified for the protection of the existing stream flow during construction.
5. A phased construction of the culvert footings has been indicated in the construction documents to minimize disturbance to the streambed.



Respectfully submitted, Glenn Johnson, Chairman

cc: All commissioners, Attendee, Robin Zagorodny, Inland Wetlands Enforcement Officer

PICTURE NO. 1 LOOKING AT OVERALL LOCATION OF PROPOSED STREAM CROSSING OF DRIVEWAY LOOKING EAST



PICTURE NO. 2 LOOKING AT CLOSEUP OF PROPOSED CULVERT CROSSING



Culvert Crossing
Location