

FD#2

LBM Engineering, LLC

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CIVIL ENGINEERING - LAND DEVELOPMENT - SITE PLANS - STORMWATER MANAGEMENT

RECEIVED

JUL 06 2026

MEMO June 11, 2026

Land Use Department

To: Peter Gardner, Dieter & Gardner

From: John Martucci

**RE: 669 Shewville Road, Ledyard, Connecticut
Existing 15-Inch CMP**

Dear Mr. Gardner:

At your request, on Monday, June 8th, I went to the subject address to inspect an existing driveway culvert. I found the inlet and outlet as located by Dieter & Gardner surveyors. The culvert is a 15-inch diameter, galvanized, corrugated metal pipe (CMP). culvert is 20 feet long and installed at a 3.3% slope.

It is my professional opinion, as a licensed civil engineer in the State of Connecticut, that the existing pipe is suitable to support the proposed driveway.

I recommend as part of the driveway construction, any unsuitable soil 10 feet either side of the culvert (topsoil, vegetation, etc.) would be removed and replaced with compacted gravel and that there would be a minimum of 12 inches of gravel over the top of the pipe.

Call anytime with comments or questions.

John R Martucci
John R. Martucci, P.E.

