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Narrative Statement ~ Plasma Tech

Site Plan Modification Application

294 Nutmeg Road North
South Windsor, Connecticut
DPI Project No. 3610.A
November 14, 2022

On behalf of the property owner and applicant, PTI Investment Company, LLC, an application has been filed with the Planning and Zoning Commission for a Site Plan Modification. Plasma Tech specializes in a plasma coating process to strengthen and to create a more durable finishes on aerospace, high wear parts.

The property, approximately 4 acres, is in the Industrial zone. The site is bordered on all sides by other Industrial zoned properties. The site plan is proposing installation of a concrete pad for the storage of industrial gases. The proposed pad will be enclosed in a fenced and secured area. The three tanks on the pad are for liquid hydrogen, argon and oxygen as well as a vaporizer unit for each respective product.

The tanks have the following capacities and dimensions:

1. The 10,000 gallon Hydrogen Tank is 32' long by 10' in diameter and has a height of 10'-9" (added height is for mounting cradle). Please note that this tank is to be mounted in the horizontal position to minimize the height of it.
2. The 1,500 gallon Argon Tank is 6'-3" in diameter and 17'-7" tall.
3. The 2,600 gallon Oxygen Tank is 7'-3" in diameter and 20'-8" tall.