

## Storm Drain Etching Requirements

Storm Structures (Manholes , Inlet Drains, Trench Drains) shall be etched with the appropriate Storm ID number provided by Rutgers.

The method of etching shall be the following:

1. A die grinder or dremel such as part number Dremel# 8220 and a carbide bit such as Dremel Tungsten Carbide cutter #9901 or approved equal shall be used to grind the Storm ID number onto the storm structure castings.
2. A freehand method of etching can be used, but the lettering shall be 1" high and of block style lettering.
3. Lettering shall be neat, square, and legible.
4. The depth of the cut shall be approximately 3/32" deep and smooth with no sharp edges or stress risers in the casting.
5. All safety precautions shall be observed while grinding such as but not limited to: PPE (Eye protection, hand protection, etc.). If work is to be performed in a roadway, all precautions and standards for roadwork safety must be adhered to. Additionally, if the work is to be done in an area with pedestrians or other persons in close proximity, precautions must be taken so no one near the work area will be stuck with metal grindings.

DRAWN BY: MS  
CHECKED BY: TS  
SCALE: N.T.S.  
DATE: 05/01/2020

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**RUTGERS**  
THE STATE UNIVERSITY  
OF NEW JERSEY  
UNIVERSITY FACILITIES  
PISCATAWAY, NEW JERSEY

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