



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 70-08-M

Manufacturer: Lane Enterprises, Inc., 3905 Hartzdale Drive, Suite 514, Camp Hill, PA 17011

Trade Name(s): Lane HDPE Pipe

Product: Corrugated polyethylene pipes and fittings for underground yard drainage
MEA Index #560-10 – Plastic Pipe

Pertinent Code Section(s): RS 16 (P102.2(b), P102.4(b), (4))

Prescribed Test(s): AASHTO M294 (ASTM D3212 for Watertight Joint Performance)

Laboratory: TRI/Environmental, Inc., Austin, Texas

Test Report(s): Pipe qualification testing by TRI/Environmental for 12", 15", 18", 24", 30", 36", Type S/SP, Class 2 pipe. Met all requirements established by AASHTO M294. Injection bell, gasket (10 psi) and joint performance for 6", 8", 10", 12", 15", 18", 24", 30" and 36" pipe. Pressure tests per ASTM D3212 conducted to verify performance of the joint. Test results show compliance in all sizes. In-line bell and spigot qualification tests for 42" and 48" pipe using flexible elastomeric seals (Hamilton Kent ASTM F-477 gasket). Test results indicate the pipe joints held the required pressure and passed the requirements of ASTM D-3212).

Description: 12" through 48" Lane HDPE pipe for use in storm drainage and storm water management systems. LaneHDPE drainage pipe shall have annular exterior corrugations and a smooth inner liner. Lane HDPE pipes may be fully perforated, partially perforated or contains no perforations in accordance with AASHTO M294 standards. Additionally, bell and spigot joints may be specified as soil-tight, silt-tight or water-tight in accordance with the defining characteristics contained in AASHTO M294.

Terms and Conditions: The above-described pipes are accepted on the following conditions provided that:

1. All uses, locations and installations are in compliance with New York City Building Code, specifically Subchapter 16 and Reference Standard RS 16, and in accordance with P102.4 of RS 16.
2. Such pipes may be used for underground installation of yard drains and storm water piping within the property line, but outside of the foundation walls of the building.
3. Installation of the pipes shall be in accordance with ASTM D2321 – “Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications”, and Lane installation recommendations.
4. All shipments and deliveries of such materials shall be accompanied with a tag, suitably placed, certifying that the materials shipped or delivered are equivalent to those tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner, shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance April 8, 2008

Examined By Sum Derkidan