

Coated Drainage Structures

Nyloplast structures represent the latest in storm water management technology. The innovative combination of performance proven ductile iron grates with a rugged, heavy-duty PVC structure makes Nyloplast structures unique in the surface drainage field.

Engineers and landscape architects specify Nyloplast for the structure's performance and now Nyloplast offers an external treatment to improve the visual appearance for high-profile applications that incorporate exposed pipe designs.

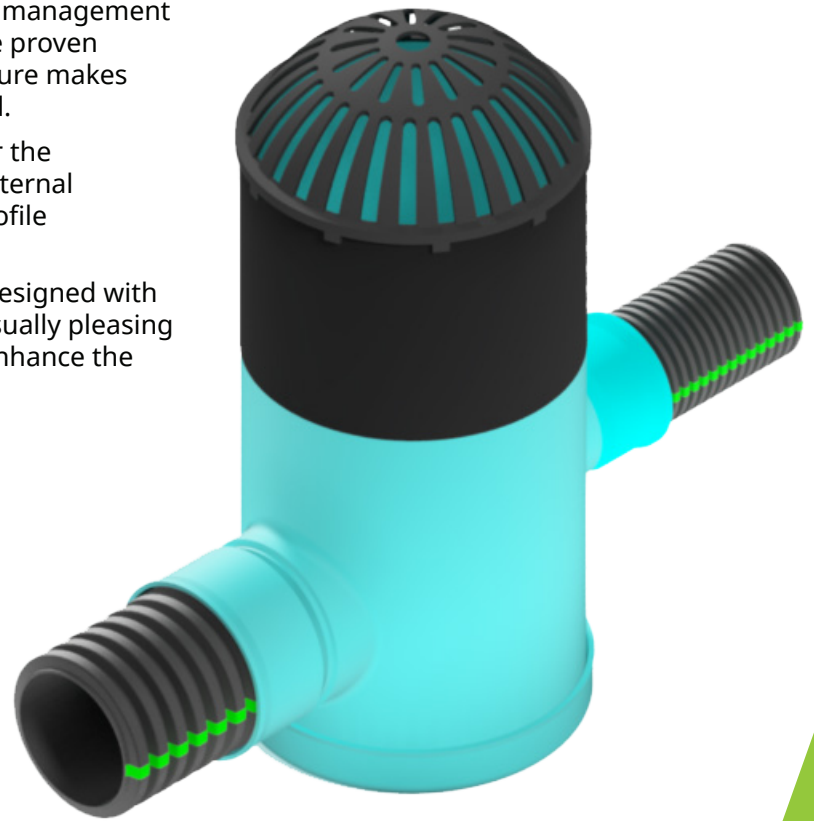
Rain gardens and bioretention systems are frequently designed with exposed risers. Nyloplast drains can be coated with a visually pleasing textured adhesive to create a natural appearance and enhance the attractiveness of the drainage system.

Features

- Durable, textured application
- Corrosion resistant PVC construction
- Watertight connections
- Ductile iron solid casting
- Numerous connection options
- Added UV protection

Benefits

- Aesthetically-pleasing appearance
- Creates natural looking system
- Ideal for high-profile applications
- Allows overflow drainage without creating undesirable, unnatural looking risers



Nyloplast Coated Drainage Structures Specifications

General

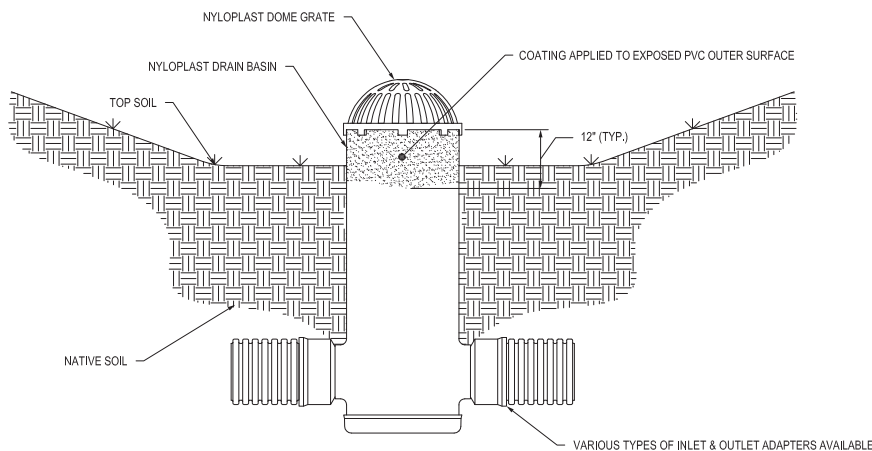
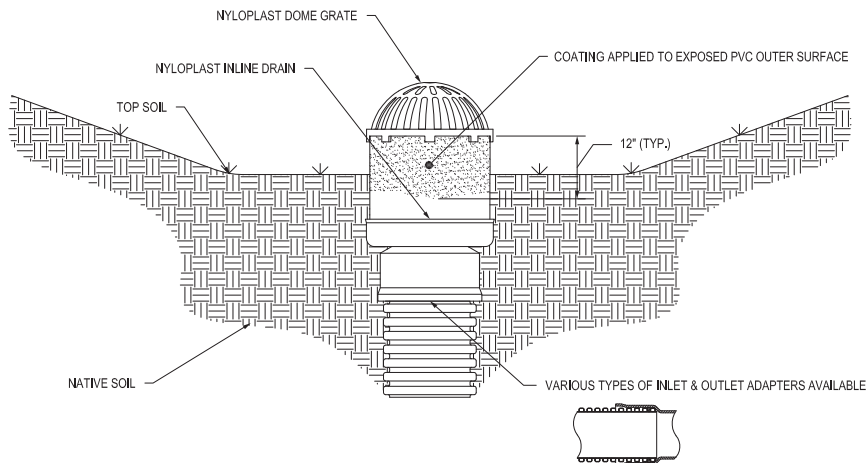
PVC surface drainage inlets shall be of the drain basin type as indicated on the contract drawing and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer. The surface drainage inlets shall be as manufactured by Nyloplast, a division of Advanced Drainage Systems, Inc.

Materials

The drainage structures required for this contract shall be manufactured from PVC pipe stock, utilizing a thermo-molding process to reform the pipe stock to the furnished configuration. The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals shall conform to ASTM F477. The raw material used to manufacture the pipe stock that is used to manufacture the body and pipe stubs of the surface drainage inlets shall conform to ASTM D1784 cell class 12454.

Rubberized coating shall be applied by manufacturer. Coating shall extend 12" (300 mm) from top of drain. Coating shall consist of textured rubberized substance. Color shall be flat black.

The castings furnished for all surface drainage inlets shall be ductile iron grates for sizes 8" (200 mm), 10" (250 mm), 12" (300 mm), 15" (375 mm), 18" (450 mm), 24" (600 mm), and 30" (750 mm) shall be made specifically for each structure. Metal used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05 for ductile iron. Grates shall be provided painted black.



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