

Section 02636 Precast Channel Drain

PART 1: GENERAL

1.01 RELATED WORK

Review Contract Documents for requirements that affect work of this section. Specification sections that directly relate to work of this section include, but are not limited to:

- Section 02220 - Site Demolition
- Section 02315 - Excavation & Backfill
- Section 02634 - Storm Drainage Pipe
- Section 02752 - Concrete Pavement
- Section 02790 - Athletic & Recreational Surfaces
- Section 02792 - Synthetic Grass & Turf
- Section 03150 - Concrete Accessories

SYSTEM DESCRIPTION

System to be SportsEdge PRO Channel Drain System of one meter (1m) long drain channels of polymer concrete, with three meter length pliable "L" trim strips for a protective finished edge at the surface, with no polymer concrete channel edges exposed in the finished installation. Drain system to have removable black thermoplastic polymer grates, locking devices, and accessories. Assembly number SE337.

Part 2: Products2.01 PRE-FABRICATED CHANNEL DRAIN
ACCEPTABLE MANUFACTURERS

A. Base: SportsEdge® PRO 337 as manufactured by: SportsEdge® P.O. Box 837, 259 Murdock Rd. Troutman, NC 28166 Telephone: 800-334-6057, Fax: 704-528-0179, info@sportsedge.com

B. COMPONENTS

1. Channel: #191SE fabricated of polymer concrete, 6 inches wide, 4 inch ID and 9 inch deep O.D. minimum with radius non-sloping bottom having the following attributes:
 - a. Length: 1 meter (39.2 in).
 - b. Depth: 9" minimum
 - c. Anchoring ribs: full length.
 - d. Grate locking slots: blind, vibration dampening, thermoplastic.
 - e. Interlocking ends.
2. Grates: Fabricated of thermoplastic polymer.
 - a. #337 Herringbone Pattern: Meeting Heel proof (0.25"<) and ADA (0.5"<) requirements.
 - b. 6.2 mm drainage openings.
 - c. Color: Black
 - d. Length: 1/2 meter (19.7")
 - e. UV stabilizers
3. "L" Edge: shall be pliable FPVC, self-retaining, UV stable.
 - a. 970L, 3 Meter Lengths
 - b. 90 Durometer
4. Catch basins: #900SE fabricated of polymer concrete
 - a. Width: 6", 4" ID
 - b. Depth: 22.1"
 - c. Length: 1/2 meter (19.7")
 - d. Grate locking slots: blind, vibration dampening, thermoplastic.
5. Accessories:
 - a. Locking devices.

PART 3: EXECUTION

3.03 INSTALLATION

- A. Drainage system shall be installed as recommended by manufacturer's written directions, and as indicated on the drawings. Use of a construction adhesive is recommended to adhere the FPVC L trim edging before the 337 grate installation.

END OF SECTION