

Section 02636 Precast Channel Drain and Artificial Turf Anchoring System

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 of one meter (1m) long channels of polymer concrete with interchangeable plastic edge inserts, drainage and anchoring covers, and accessories. Assembly number: SE424

PART 2: PRODUCTS

2.01 PRE-FABRICATED CHANNEL DRAIN

ACCEPTABLE MANUFACTURERS:

Surface drain and artificial turf anchoring system; as manufactured by:
SPORTSEGE® PRO 424 as manufactured by: SportsEdge P.O. Box 837 / 259 Murdock Rd. Troutman, NC 28166
Telephone: 800-334-6057 Fax: 704-528-0179 www.sportsedge.com

B. COMPONENTS

1. Channel: #191SE fabricated of polymer concrete, 150 mm (6 in) wide, 100 mm (4 in) ID and 220 mm (8.8 in) deep with radius non-sloping bottom having the following attributes:
 - a. Length: 1000 mm (39.2 in).
 - b. Depth: 9" Minimum
 - c. Anchoring ribs: full length.
 - d. Gate locking slots: blind, vibration dampening, thermoplastic.
 - e. Interlocking ends.
2. Grates / Extension Bracket: Fabricated of galvanized steel.
 - a. #424: Transverse drainage openings and longitudinal carpet retention slot, full length, 1M.
 - b. #431 Extension bracket, 1M.
3. Edges: FPVC, UV Stable, self-retaining, #970L if required.
4. Catch basins: #2900SE fabricated of polymer concrete
 - a. Width: 6", 4" ID
 - b. Depth: 22.1"
 - c. Length: 1/2 meter (19.7")
 - d. Gate locking slots: blind, vibration dampening, thermoplastic.
5. Accessories:
 - a. Gate locking devices.
 - b. Infill Turf Extension Bracket

PART 3: EXECUTION

3.03 INSTALLATION / QUALITY ASSURANCE

1. Install per the manufacturer's instructions and as indicated on the plans; or by a factory trained and authorized installer.

END OF SECTION