

Jay R. Smith Mfg. Co. Drainage Systems

RanteArrow Trench Drain Chair, Figure #9849

Exclusive Features for the Professional Installer

SYSTEM INTEGRITY: Maintains the integrity of presloped drainage system installations by eliminating the use of concrete blocks, shims or braces.

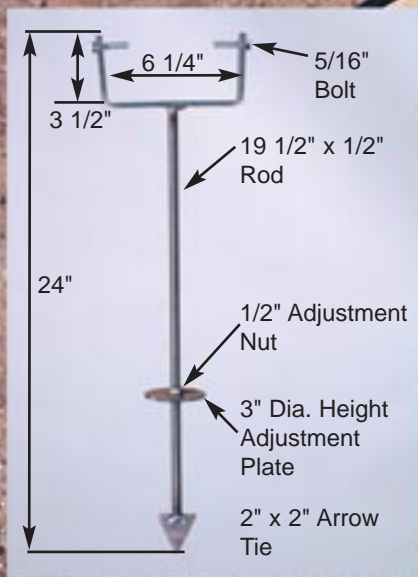
STRENGTH: The RanteArrow firmly anchors the drainage system in many different sub-grade terrains including hard pan and pea gravel.

DEPENDABLE: The RanteArrow prevents flotation and eliminates costly tie-downs and anchoring weights.

ADJUSTABILITY: Allows for easy and precise adjustment of each channel within the system during installation prior to concrete pour.

COST EFFECTIVE: The superior features of the RanteArrow allow for secure installation and alignment while using only one trench drain chair per one meter channel.

LABOR SAVING: By following the installation instructions, an entire drainage system may be installed by a single professional installer.



Features for the Professional Engineer, Architect and Owner

The Rante-~~Arrow~~ Chair:

Provides for a superior continuous pour with firm encasement of the drain in concrete with no voids, no seams, no floating or shearing.

No Void: The Rante-~~Arrow~~ allows the concrete to fill in under and around the channel without creating a void area in the concrete.

No Seam: The Rante-~~Arrow~~ supports the side of the channel and leaves no seam in the finished concrete surface after the pour.

No Floating: The Rante-~~Arrow~~ anchors the drainage system firmly in most sub-base conditions, eliminating flotation and the potential to snake.

No Shear: The Rante-~~Arrow~~ is strong enough to prevent the drainage system from tipping over when the pour method is monolithic. Allowing for a monolithic pour, greatly reduces the opportunity for seepage.

The Rante-~~Arrow~~ Chair: Adjusts for precise and accurate drainage grade as specified.

Jay R. Smith Mfg. Co. Drainage Systems Designed for Use with the Rante-~~Arrow~~ Chair



Fig. 9849

The 9849 Rante-~~Arrow~~ is designed for use with the 9814, 9816, 9818, 9930 and 9931 Drainage Systems. The Rante-~~Arrow~~ firmly anchors the drainage system in most sub-base conditions, eliminating flotation, tie-downs, and anchor weights.

Enviro-Flo® Trench Drain Series



Fig. #9930



Fig. #9931



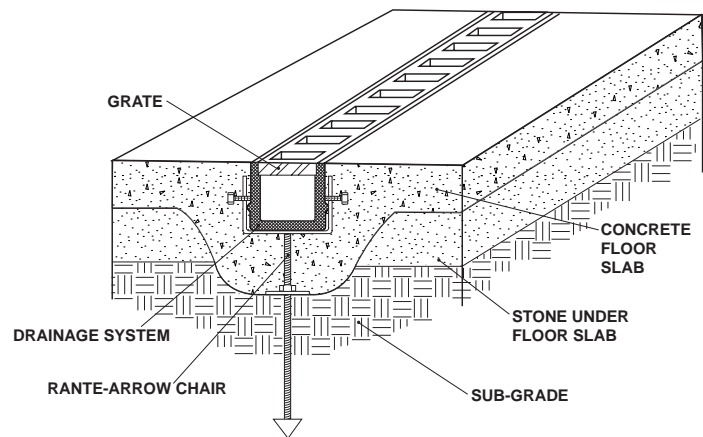
Fig. #9816, 9818, and 9814

Smith/ACO Trench Drain Series

Recommended Specification/ Installation Diagram:

All recommended drainage systems shall be installed utilizing Fig. 9849 Rante-~~Arrow~~ Chairs as manufactured by Jay R. Smith Mfg. Co. to ensure proper encasement during concrete pour.

Drainage Systems and trench drain chairs shall be installed in accordance with manufacturer's recommended procedures.



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