FIELD OF DREAMS, IOWA

HYDRAWAY®
DRAINAGE SYSTEM

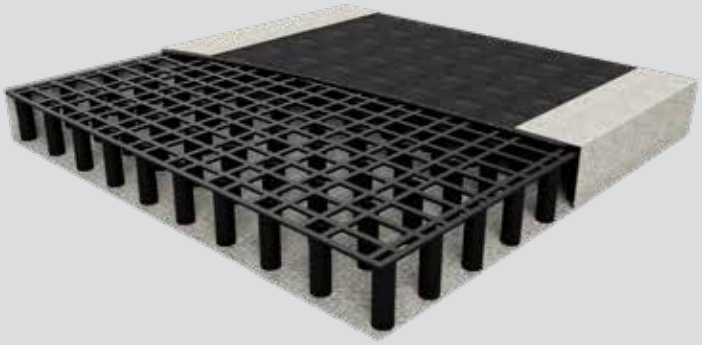
THE DRAINAGE SYSTEM OF CHOICE FOR THE MOST IMPORTANT GAMES
-
NATURAL TURF

INDUSTRY'S FASTEST DRAINAGE SYSTEM

Hydraway is an industry-leading, innovative technology designed for rapid dewatering of sports field applications.

There is an ever-increasing need to keep sports fields healthy, attractive, and ready for use. Excess moisture can lead to damaged playing surfaces, loss of playing time and revenue and, most seriously, increased risk of injury for players. Hydraway's geocomposite drainage system ensures that surface and subsurface water is quickly and efficiently collected and diverted away. Our system solves drainage issues under football, baseball, and soccer fields as well as golf courses and volleyball courts.

Hydraway has the industry's highest inflow rates and compressive strength, making our product the best drainage solution on the market today.



Shown above, rain once pooled on the Field of Dreams before Hydraway was installed. The new system diverted 2.5 inches of rain overnight before game day, allowing the field crew to mow the next morning.

WHY CHOOSE HYDRAWAY?

STRENGTH
Industry's highest compressive strength

IN-FLOW RATE
Industry's highest in-flow rate

LONG LIFE
Dependable, long-life performance

70% FASTER
Removes water 70% faster than traditional methods of drainage

0% FAIL
No known product failures

LABOR SAVINGS
Ease of installation means lower total installed cost

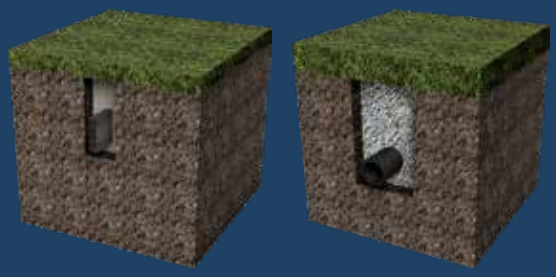
NO BUILD UP
Relieves hydrostatic pressure build up

RESISTANT
Chemically resistant to most naturally occurring soil conditions

TRADITIONAL STYLE VS. HYDRAWAY

Efficient drainage for natural turf with less labor and lower costs.

Traditional style French drains require wide, deep trenches, usually 8” wide by 12” deep. Hydraway, designed for natural turf, installs vertically in a narrow 3–4” trench with similar depth. That means less labor, less backfill, and lower overall costs. Efficient drainage without the hassle.



DESIGN & INSTALLATION

Proper drainage design is essential for maintaining safe, high-performing natural grass fields.

The following overview outlines key installation methods and design considerations for Hydraway systems. Detailed installation guidelines are available upon request.

VERTICAL INSTALLATION IN RECTANGULAR ATHLETIC FIELDS

For new or existing fields, or to correct areas with poor drainage, 6-inch Hydraway is typically installed vertically to efficiently channel subsurface water away from the playing surface.

HORIZONTAL INSTALLATION IN RECTANGULAR ATHLETIC FIELDS

High-performance, sand-based fields typically use a horizontal installation with 12-inch Hydraway. These systems are designed by an architect or engineer to meet specific drainage and performance needs. Hydraway has a defined orientation: the top is the grid of the core, and the bottom has the dimpled points. Contact Hydraway for design assistance.

BASEBALL & SOFTBALL FIELDS

Refer to Figure 1 for a typical drainage layout. This design follows the same principles as vertical installations. Hydraway is generally not installed on infield skins, and vertical trench spacing ranges from 10 to 15 feet depending on site conditions.

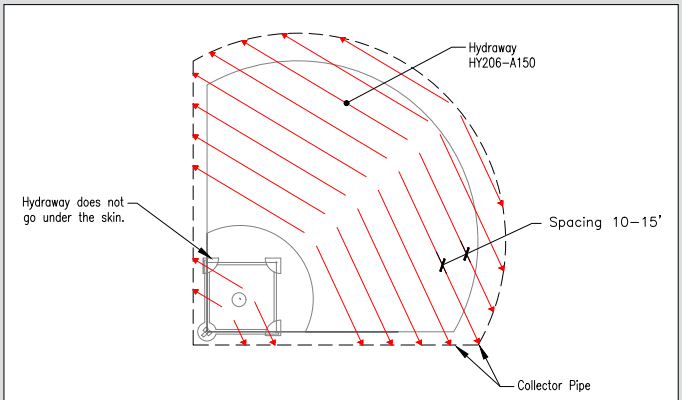
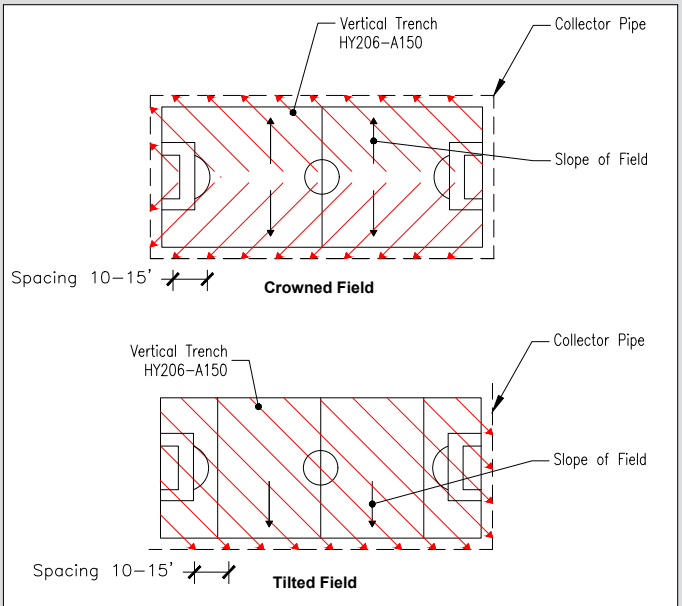


FIGURE 1. Typical baseball field layout of Hydraway.



DRAINAGE PATTERN: Spacing and herringbone pattern of Hydraway and diagonal based on the tilt of the field.

TECHNICAL SPECS

6-Inch Hydraway (HY206-A150)

Property	Test Method	Unit of Measurement
GEOTEXTILE[1] - NEEDLE-PUNCTURED, NONWOVEN		
Elongation	ASTM D-4632-91	50%
Grab Tensile	ASTM D-4632-92	120 lbs
Flow Rate	ASTM D-4491	135 gal/mn/ft$^2_3$
CORE - HDPE		
Compressive Strength	ASTM D-695/1621[4]	11,400 PSF
Flow Rate at 1,500 PSF	ASTM D-47162[2]	11 GPM/ft-width
Peel Strength[3]	ASTM D-1876	50 lbs/ft-width

1. 4 oz fabric
2. Gradient of 0.01
3. Values shown are in weaker principal direction. Minimum average roll values are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that nay samples taken from quality assurance testing will exceed the value reported.
4. Modification was made to an existing ASTM test since a recognized test method had not been established for this type of product at time of testing.
5. Table 6-inch Hydraway, Updated 11/24/2025

Hydraway comes in widths of 6 and 12 inches with a standard length of 150 feet.

WANT TO LEARN MORE?

Ready to dive deeper into Hydraway's performance advantages?

We offer complimentary Lunch & Learn sessions for teams who want a closer look at our drainage and waterproofing solutions.

To schedule, call 800-223-7015 or email info@intechanchoring.com.

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