

FIELD OF DREAMS, IOWA



**HYDRAWAY**<sup>®</sup>  
DRAINAGE SYSTEM

**THE DRAINAGE SYSTEM OF CHOICE  
FOR THE MOST IMPORTANT GAMES**

# HYDRAWAY ATHLETIC DRAINAGE

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.**



## FEATURES & BENEFITS OF HYDRAWAY



### IN-FLOW RATE

Industry's highest in-flow rate



### STRENGTH

Industry's highest compressive strength



### 0% FAIL

No known product failures



### 70% FASTER

Removes water 70% faster than traditional methods of drainage



### LONG LIFE

Dependable, long-life performance

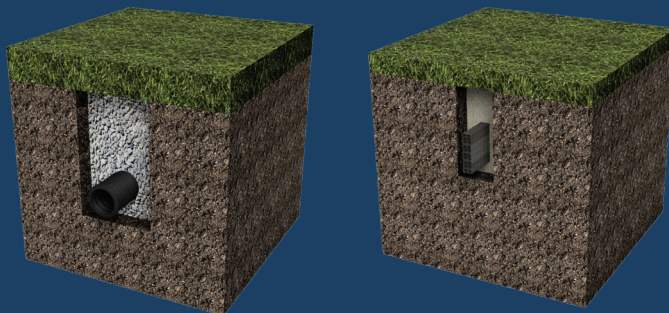


### LABOR SAVINGS

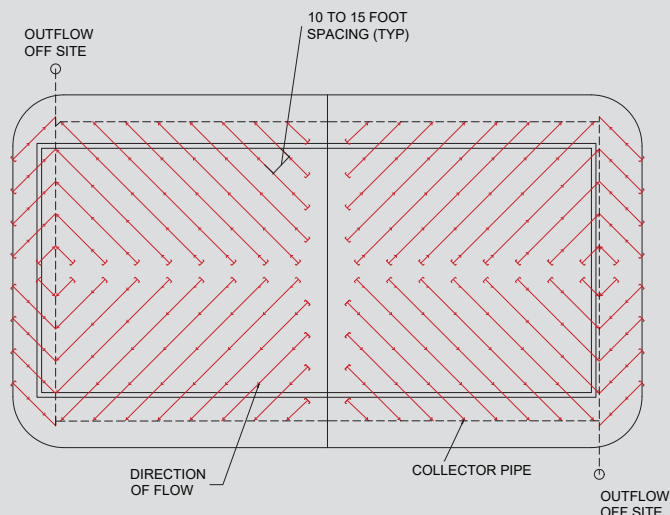
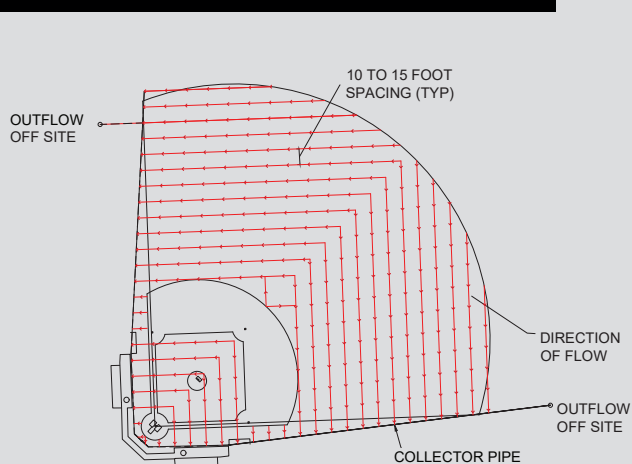
Easy to install means lower total installed cost

# TRADITIONAL FRENCH DRAIN VS. HYDRAWAY

Hydraway is commonly installed vertically in natural turf settings and horizontally under synthetic turf. Traditional French drain systems require, on average, a trench 8 inches wide by 12 inches deep. Installing Hydraway vertically requires a trench 3-4 inches wide by 12-15 inches deep. This innovative system reduces the labor hours required for installation and the amount of backfill material needed — both resulting in cost savings.



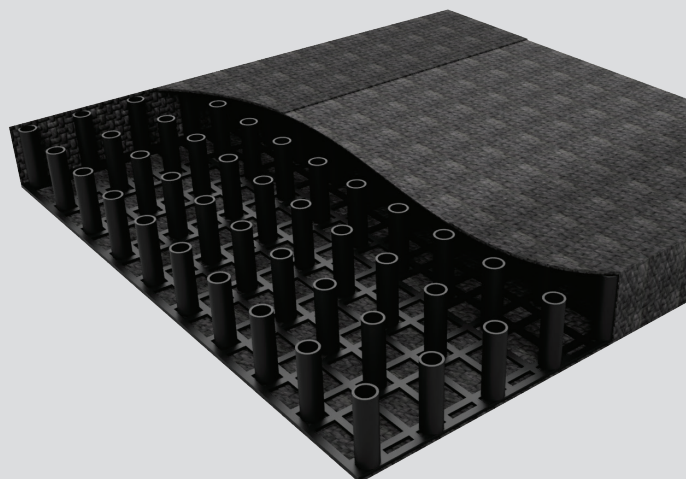
## TYPICAL INSTALLATION



Property	Test Method	Unit of Measurement
<b>GEOTEXTILE<sup>1</sup> - NEEDLE-PUNCTURED, NONWOVEN</b>		
Elongation	ASTM D-4632-91	50%
Grag Tensile	ASTM D-4632-92	120 lbs
Flow Rate	ASTM D-4491	135 gal/mn/ft <sup>2</sup> <sub>3</sub>
<b>CORE - HDPE</b>		
Compressive Strength	ASTM D-695/1621 <sup>4</sup>	11,400 PSF
Flow Rate at 1,500 PSF	ASTM D-47162 <sup>2</sup>	21 GPM/ft-width
Peel Strength <sup>3</sup>	ASTM D-1876	50 lbs/ft-width

Hydraway comes in widths of 6 and 12 inches with a standard length of 150 feet — but can be customized in a variety of lengths and widths.

1. 4 oz fabric
2. Gradient of 0.1
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.



Hydraway Drainage System is unparalleled in the drainage market. With its 70% inflow rate, Mid-America Sports Construction recommends this product to any of our customers. Hydraway's **diversity** allows for us to use it on synthetic turf and natural grass fields. For us, it's a no-brainer to recommend and use Hydraway Drainage System.

**KIRK GREGO**  
**MID-AMERICA SPORTS CONSTRUCTION**

As larger construction projects begin to include more sand cap fairways, we are utilizing Hydraway more and more within the golf industry. The **cost-effective** installation allows us to more efficiently budget tighter spacing required with fairway sand cap installation. The durability of the product also gives us a higher level of comfort with an extended-life drainage system. We recommend the use of Hydraway with all your sports field and golf drainage projects.

**TOMMY SHOOK**  
**EAGLE GOLF & ATHLETICS**

For several years, we have specified Hydraway products as part of the subsurface drainage design under natural and synthetic athletic fields, utilizing both horizontal and vertical applications. We could not be more pleased with the **high quality** and performance of the products.

**ED NORTON**  
**HOLCOMBE NORTON**  
**PARTNERS**

