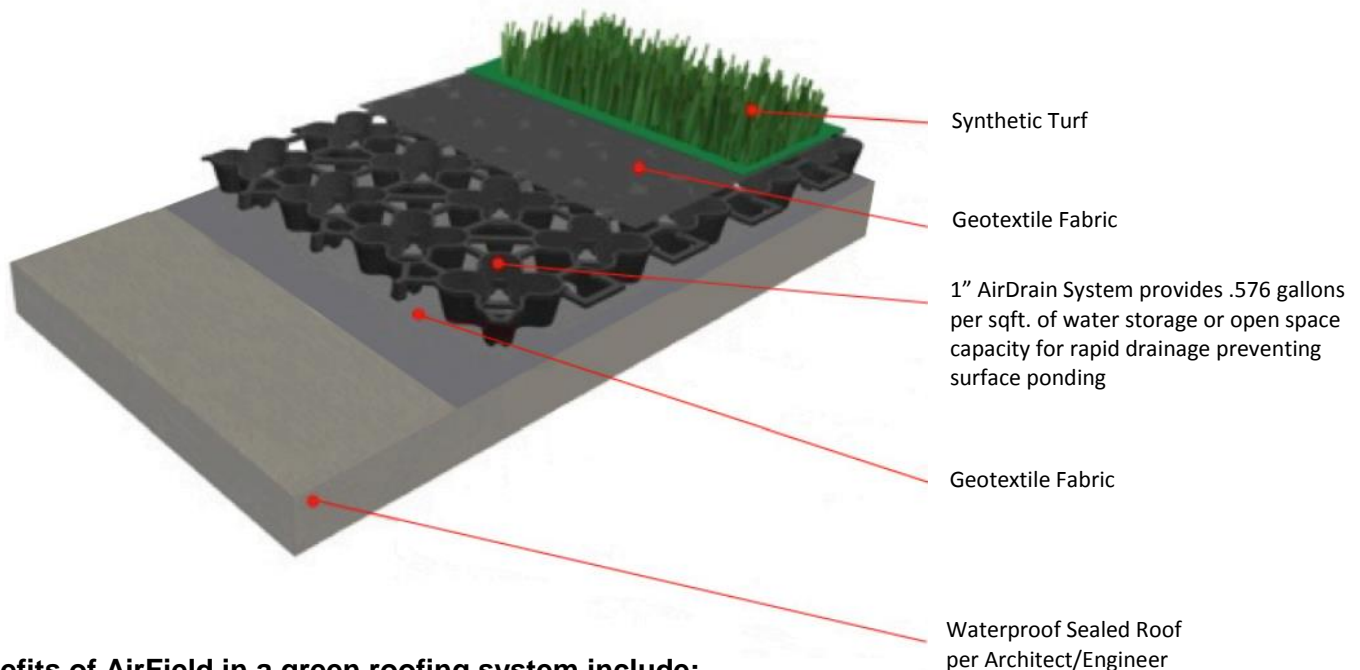


# AirDrain

– What drains better than Air?

## Green Roofing - Synthetic Turf with Uplift Prevention

AirDrain is incredibly strong at 233psi empty, which equals 33,552 pounds per square foot and creates a 92% air void and drains approximately 50 gallons per square foot, per minute. While being able to drain rainfall very quickly the AirDrain System can also hold or retain approximately .576 gallons of water per square foot; by controlling the exit pipes. This can allow for compliance with local city, county and/or state water retention regulations before the storm water exits into municipal storm water drainage systems.

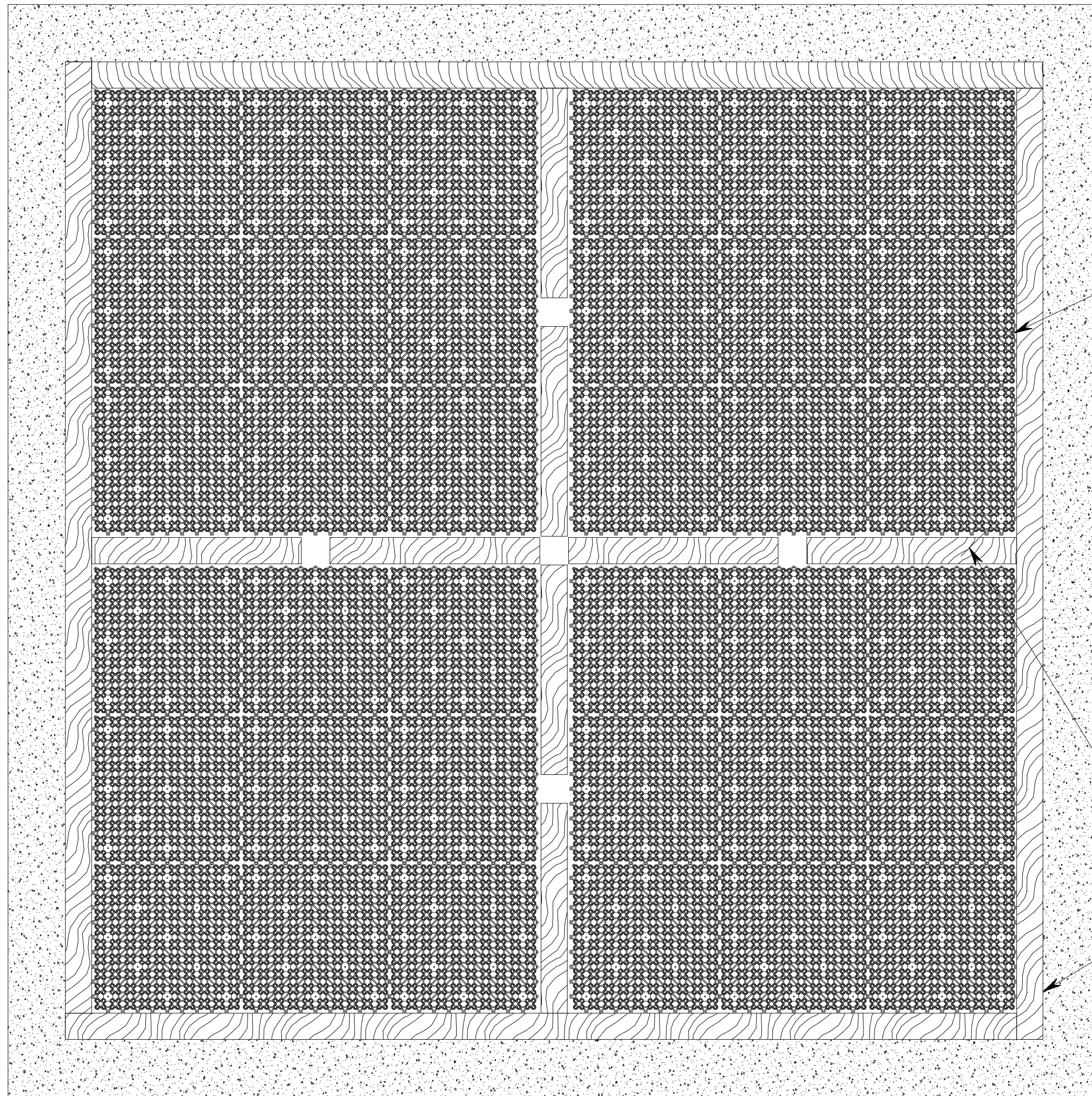


### Benefits of AirField in a green roofing system include:

- AirDrain is easy to trim, making runner and perimeter boards fit perfectly into the AirDrain rooftop drainage system.
- 1" high composite runner boards fit perfectly flush with AirDrain panels. This makes strategically positioning the runner boards on the roof in perpendicular or various configurations easy to achieve.
- Synthetic turf can be glued and secured with screws and washers to the composite runner boards across the rooftop virtually eliminating any danger of uplift from wind!
- AirDrain's 1" inch air void installed on a rooftop with A/C and Heat below brings an excellent insulation factor to the rooftop mimicking a thermal pained window. The sun does not directly hit the rooftop which may significantly add life expectancy to the roof itself.
- Our customers have told to us that the snow melts off their rooftops faster than the surrounding landscape because of the inch of air below.
- Water harvesting reclamation and reuse is easy
- Pallets at 32" x 32" will fit into a standard sized elevator for easy transport to the roof.
- AirDrain can be reused when the Synthetic Turf must be replaced

\*This drawing, specifications and the information contained herein is for general presentation purposes only. All final drawings and layouts should be determined by a licensed engineer(s). HIC & Gmax testing are measured in a lab setting and are not site specific.





Roof Wall

AirDrain Geocell

1 X 6 Composite Nailer Board with Grooves -  
Can be added across the roof in a pattern  
as needed to prevent uplift.

**AirDrain™ Unit Panel Specifications:**

Size: 32" x 32" x 1"  
 Weight: 3.1 lb  
 Strength: 233 psi (unfilled)  
 Resin: 100% Recycled (PIR)  
 Copolymer with Impact Modifier  
 "No Break" Polymer Material  
 Color: Black  
 (3% carbon black added for UV Protection)

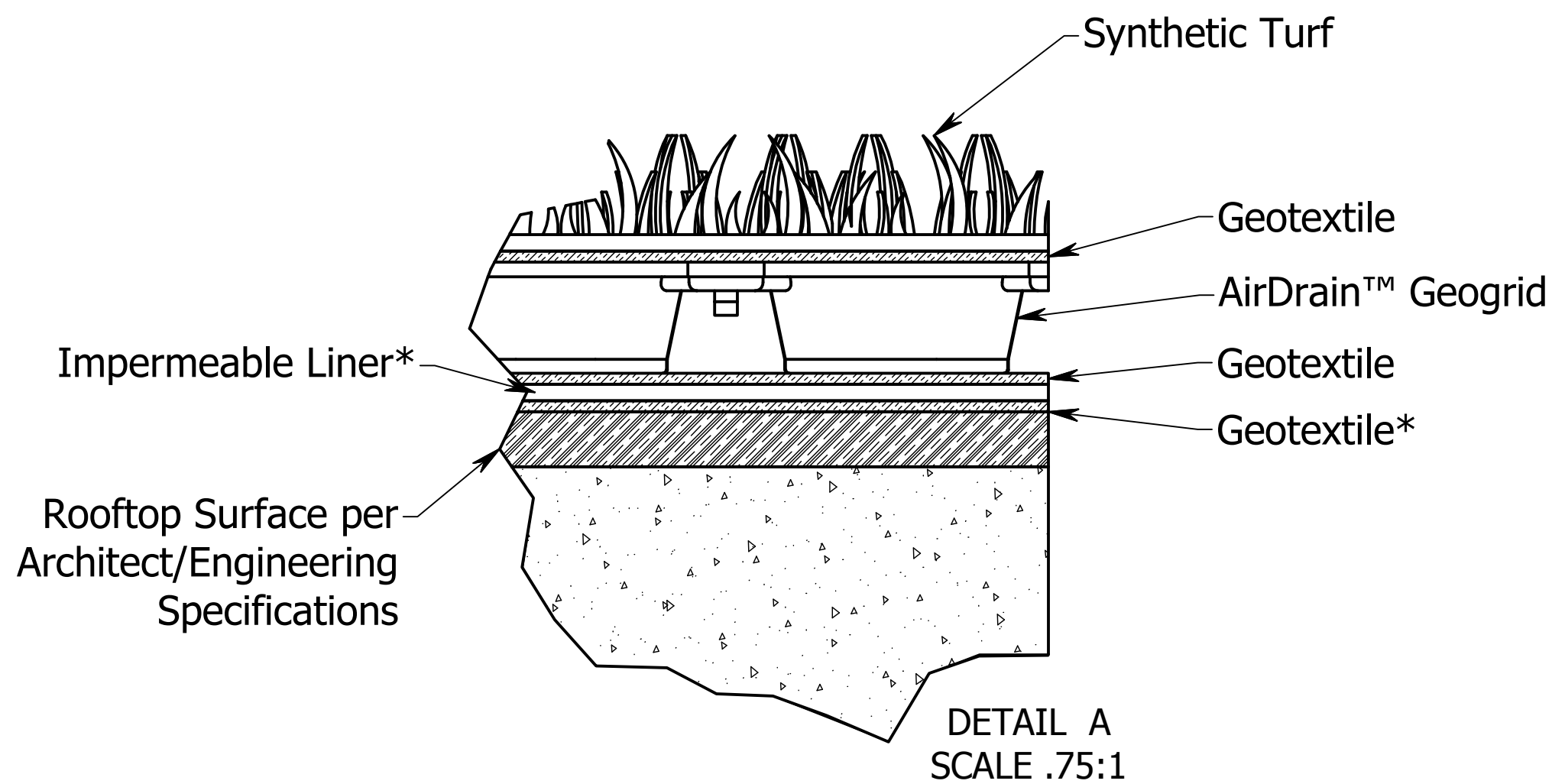
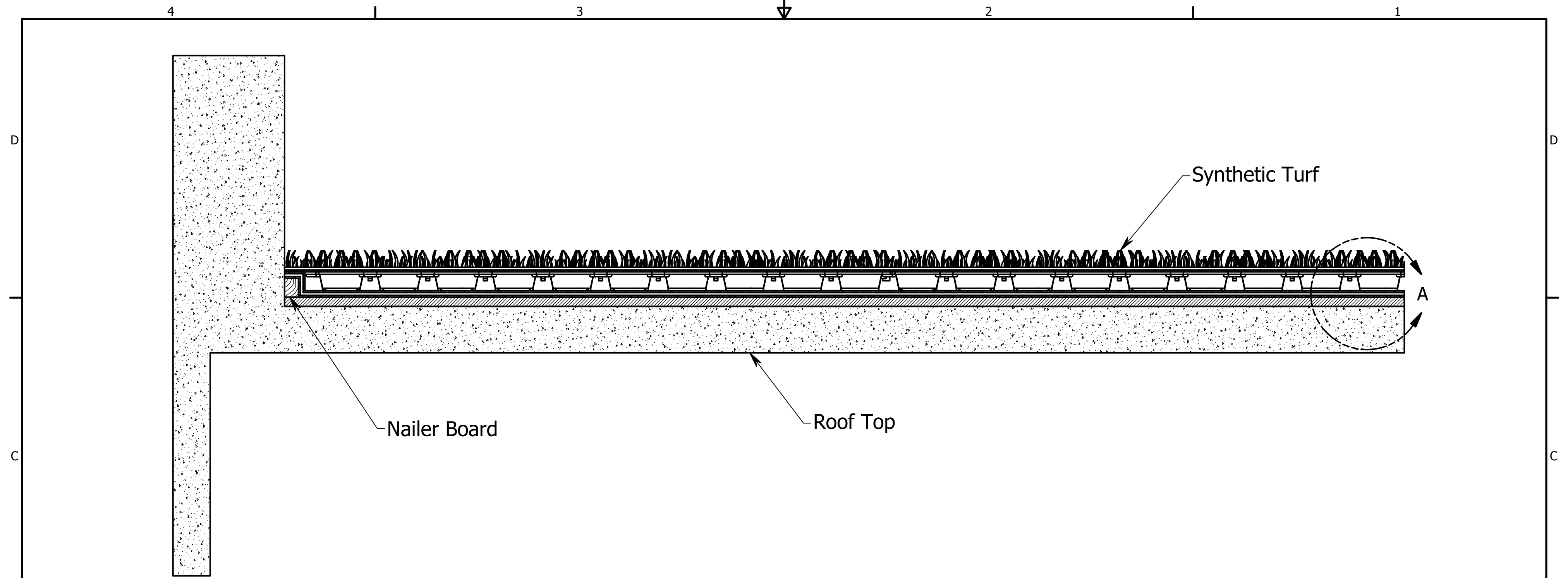


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DRAWN	G. Abdo	6/29/2014
CHECKED		
QA		
MFG		
APPROVED		
SCALE		

<b>Airfield Systems</b>		
TITLE <b>AirDrain for Synthetic Turf Rooftop with Uplift Prevention</b>		
SIZE	DWG NO	REV
C	Rooftop_Grass_REV001	
SHEET 1 OF 1		





\*Impermeable Liner and or other waterproofing must be specified by a qualified engineer.

This drawing, specifications and the information contained herein is for general presentation purposes only. All final drawings and layouts should be determined by a licensed engineer(s).

AirField Systems, LLC  
8025 N May Ave, Suite 201  
Oklahoma City, OK 73120  
www.airfieldsystems.com  
(405) 359-3375



DRAWN Gary	9/22/2012
CHECKED	
QA	
MFG	
APPROVED	

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Airfield Systems			
TITLE AirDrain™ Sythetic Turf Rooftop Drainage			
SIZE C	DWG NO Rooftop_Assembly_SYN_RT_001	REV 2	
SCALE	SHEET 1 OF 1		