Demonstration of the UDI Injection Process

June 2013

Penn State University


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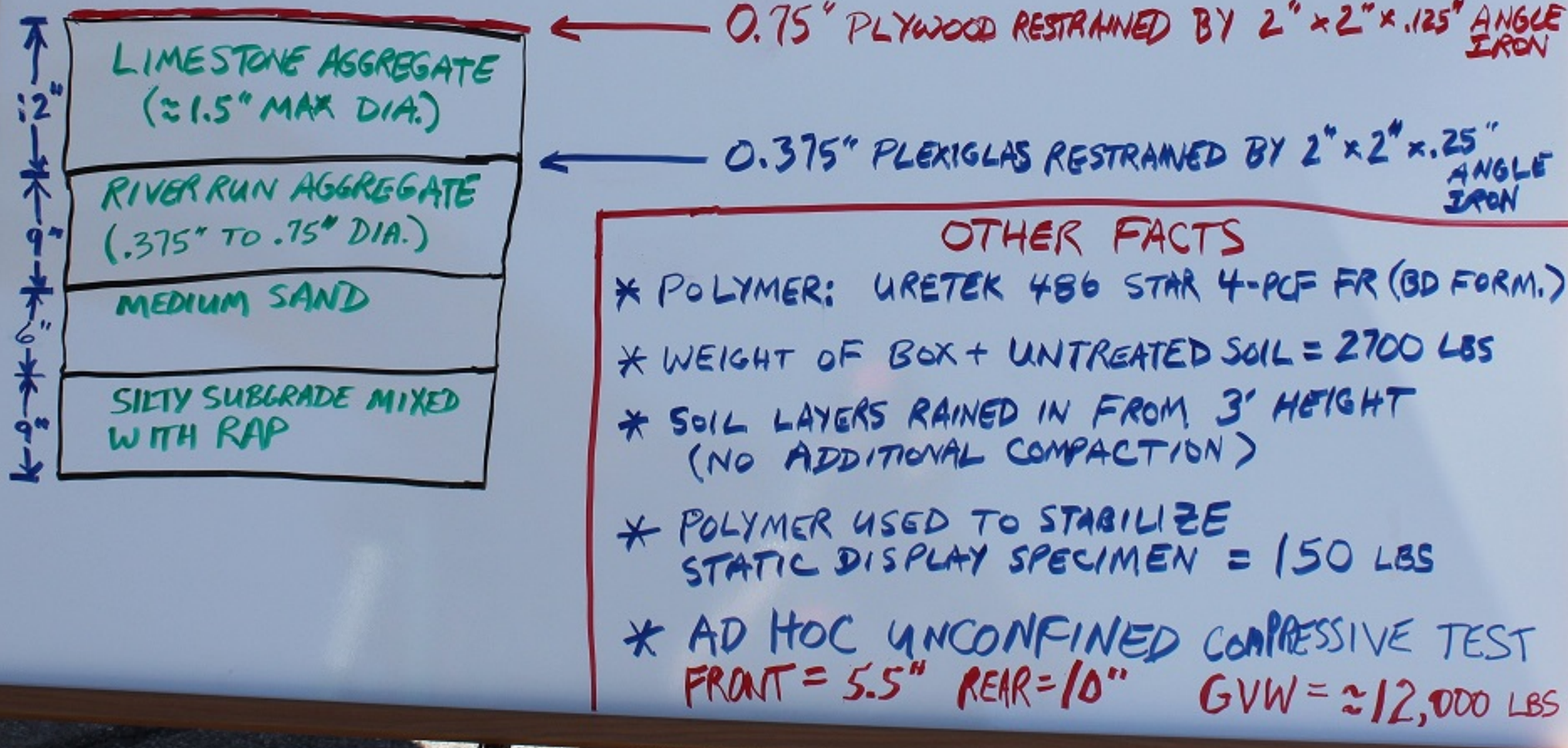
WELCOME TO THE URETEK USA DEMONSTRATION

PURPOSE: ILLUSTRATE THE PROCESS OF INSITU STABILIZATION OF SOILS THROUGH INJECTION OF STRUCTURAL POLYMER

SPECIMEN SPECIFICATIONS:



OTHER FACTS

* POLYMER: URETEK 486 STAR 4-PCF FR (BD FORM.)
* WEIGHT OF BOX + UNTREATED SOIL = 2700 LBS
* SOIL LAYERS RAINED IN FROM 3' HEIGHT (NO ADDITIONAL COMPACTION)
* POLYMER USED TO STABILIZE STATIC DISPLAY SPECIMEN = 150 LBS
* AD HOC UNCONFINED COMPRESSIVE TEST
  FRONT = 5.5" REAR = 10" GVW = ≈12,000 LBS