

### Specification for Triangular Silt Dike components

<b>Center Height</b>	<b>10"</b>
<b>Base Width</b>	<b>20"</b>
<b>Section Length</b>	<b>7'</b>

#### Geotextile Fabric

<b>Fabric Properties</b>	<b>Test Method</b>	<b>Value (md/cd)</b>
<b>Grab Tensile Strength</b>	ASTM D-4623	<b>180/105 lbs</b>
<b>Grab Elongation</b>	ASTM D-4623	<b>20/15 %</b>
<b>Trapezoidal Tear</b>	ASTM D-4533	<b>85/75 lbs</b>
<b>Puncture</b>	ASTM D-4833	<b>70 lbs</b>
<b>Mullen Burst</b>	ASTM D-3786	<b>325 psi</b>
<b>Permittivity</b>	ASTM D-4491	<b>0.25 sec<sup>-1</sup></b>
<b>A.O.S.</b>	ASTM D-4751	<b>40 US Seive</b>
<b>UV Resistance (500hr)</b>	ASTM D-4355	<b>80+ %</b>

#### Urethane Foam (CFC Free)

<b>Property</b>	<b>Test Method</b>	<b>Value</b>
<b>Color</b>		<b>Varies</b>
<b>Density</b>	ASTM D-3574-95	<b>1.00 ± 0.1 lbs/ft<sup>3</sup> or greater</b>
<b>Indent. Force Deflection @ 25% deflection</b>	ASTM D-3574-95 (4" specimen)	<b>30 ± 3 lbs/50in<sup>2</sup></b>
<b>Tensile Strength</b>	ASTM D-3574-95	<b>10 psi min.</b>
<b>Elongation</b>	ASTM D-3574-95	<b>125 % min.</b>
<b>Tear Resistance</b>	ASTM D-3574-95	<b>1.25 lb/in</b>
<b>Comp. Set @ 50% comp</b>	ASTM D-3574-95	<b>10 % max</b>

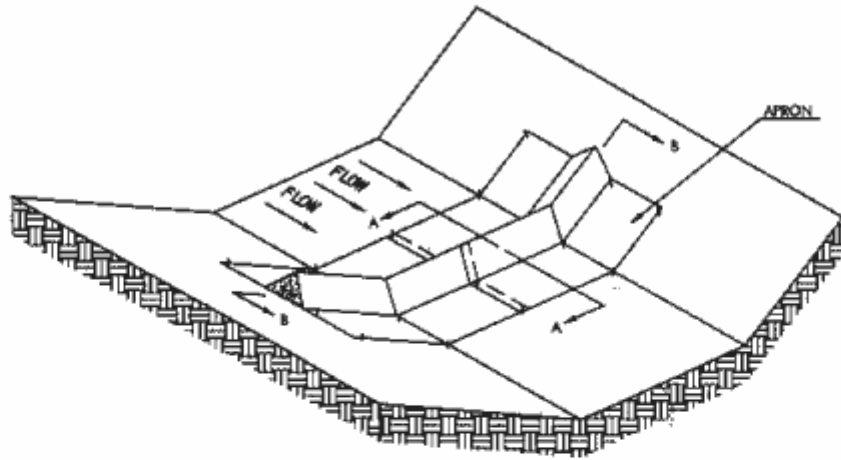
### Triangular Silt Dike Co. Inc.

608 Greenwood, Midwest City, OK 73110-1632

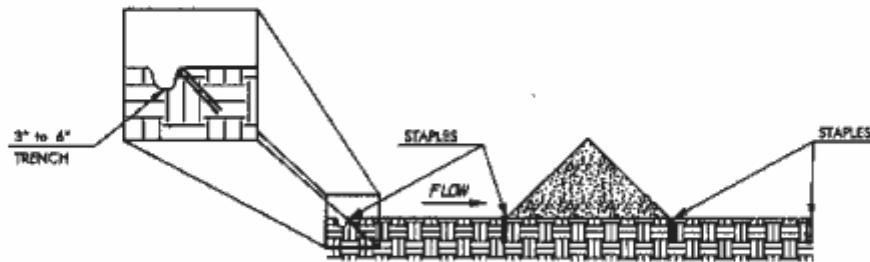
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www.tri-siltdike.com

# TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OR DRAINAGE DITCH

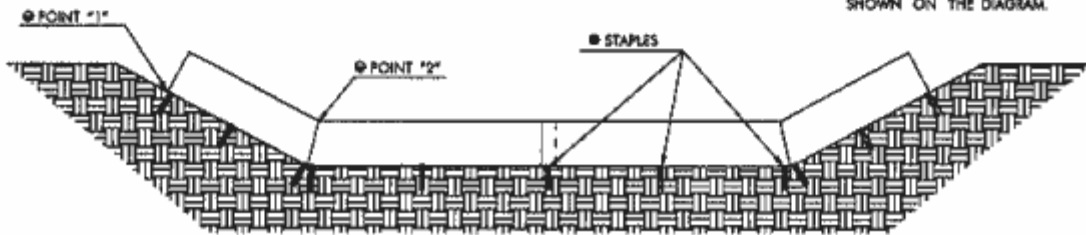


SILT DIKE UNIT  
CUT SECTION



DETAIL A-A

● STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.



● POINT #1 MUST BE HIGHER THAN POINT #2 TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

DIKE SECTION  
DETAIL B-B