

SHEET / CHIMNEY DRAINS

1. SCOPE

This work shall consist of installing geotextile material sheet drains at locations shown on the Drawings, AML Standard Details, and as directed by the ENGINEER. Sheet drains shall be large sheets of material. Chimney drains will range from 4 to 8 inch wide.

2. MATERIALS

The sheet drains shall be a heavy-duty, high-density polyethylene geonet core with ridges heat fused to a non-woven geotextile.

	Property	Test	Min. Values	Unit
Core	Compressive Strength	ASTM D-1621	15,000	lbs/ft ²
	Thickness	ASTM D-1777	0.22	inches
	In-Plane Flow	ASTM D-4716	8.5	gal/min/ft
Fabric	Flow	ASTM D-4491	135	gal/min/ft
	Puncture	ASTM D-4833	65	lbs
	Apparent Opening Size		70	US Sieve
	Grab Tensile Strength	ASTM D-4632	100	lbs

3. CONSTRUCTION

Apply per the manufacturer recommendations in patters shown on the AML Standard Details, Drawings, Special Conditions, and as directed by the ENGINEER.