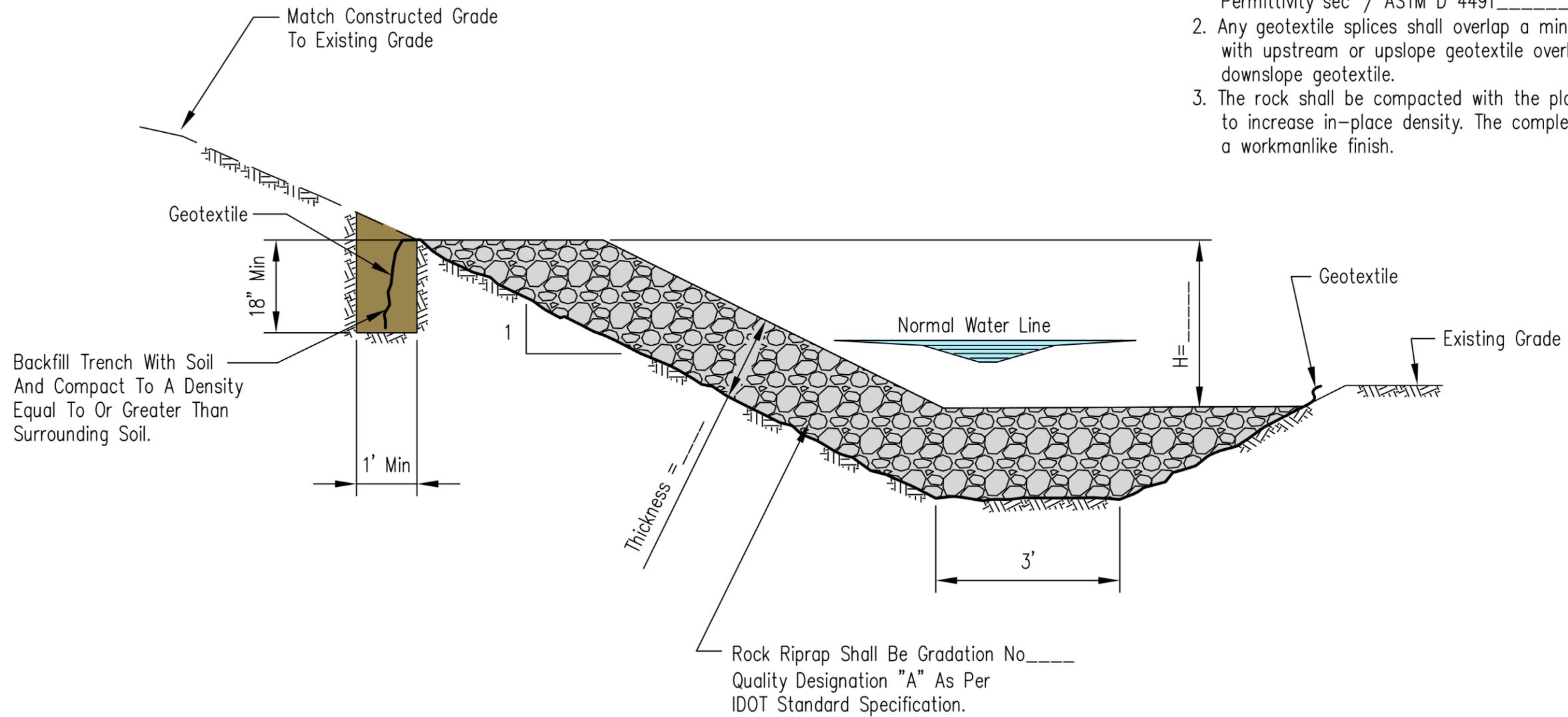


NOTES:

- Geotextile (non-woven, needle punched) min. criteria:

Grab Tensile strength (lb) ASTM D 4632	_____	202
Elongation at failure (%) ASTM D 4632	_____	≥50
Trapezoidal tear strength (lb) ASTM D 4533	_____	79
Puncture strength (lb) ASTM D 6241	_____	433
Ultraviolet light (% retained strength) ASTM 4355	_____	min 50
Apparent opening size (AOS) ASTM D 4751	_____	max 0.22 mm (US sieve size 70)
Permittivity sec^{-1} ASTM D 4491	_____	min 0.7
- Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.
- The rock shall be compacted with the placement equipment to increase in-place density. The complete job shall present a workmanlike finish.



SECTION

Adapted from Standard Drawing
IL-640 in the Illinois Urban Manual.

Date	10/1/13
Designed	
Drawn	M. QUINONES
Checked	
Approved	

ROCK RIPRAP STREAMBANK
PROTECTION DETAIL



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