ATLANTECH

SISTEMI DI FONDAZIONE
PER IMPIANTI DI ILLUMINAZIONE

ATLANTECH E-LUX HEAVY 1700
Verified for Enel poles 16D14, maximum base diameter 395 mm

The following maximum stresses at the base due to the loads applied on the lighting pole were considered for the verification of the Atlantech E-Lux Heavy 1700 foundation.

	Maximum stress
Bending moment	**91.49 kNm**

The Atlantech E-Lux Heavy 1700 foundation, loaded with the above stresses, is verified with soils having the following geotechnical characteristics.

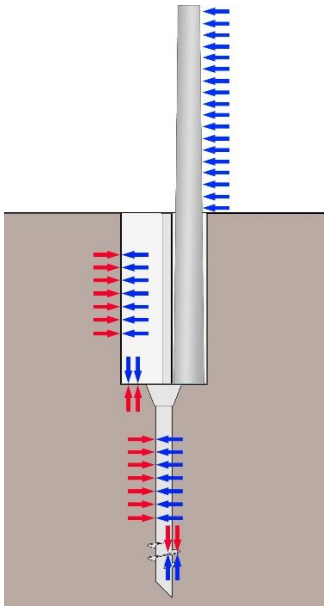
Cohesive soils

Cohesion not drained	*Cu = 0.5 kg/cm^2 = 5000 kg/m^2*
	Weight = γ = 1900 kg/m^3

Cohesionless soils

Cut resistance angle	*φ = 30°*
	Weight = γ = 1900 kg/m^3

Indicative scheme of behavior of the Atlantech Lux foundation



ATLANTECH SRL
VIALE DEL LAVORO 9, 37060 BONFERRARO DI SORGÀ VERONA (ITALIA)
T. +39 347 3201905 F. +39 045 6656875 C.F. E P.IVA: 04141110231
INFO@ATLANTECH.IT WWW.ATLANTECH.IT