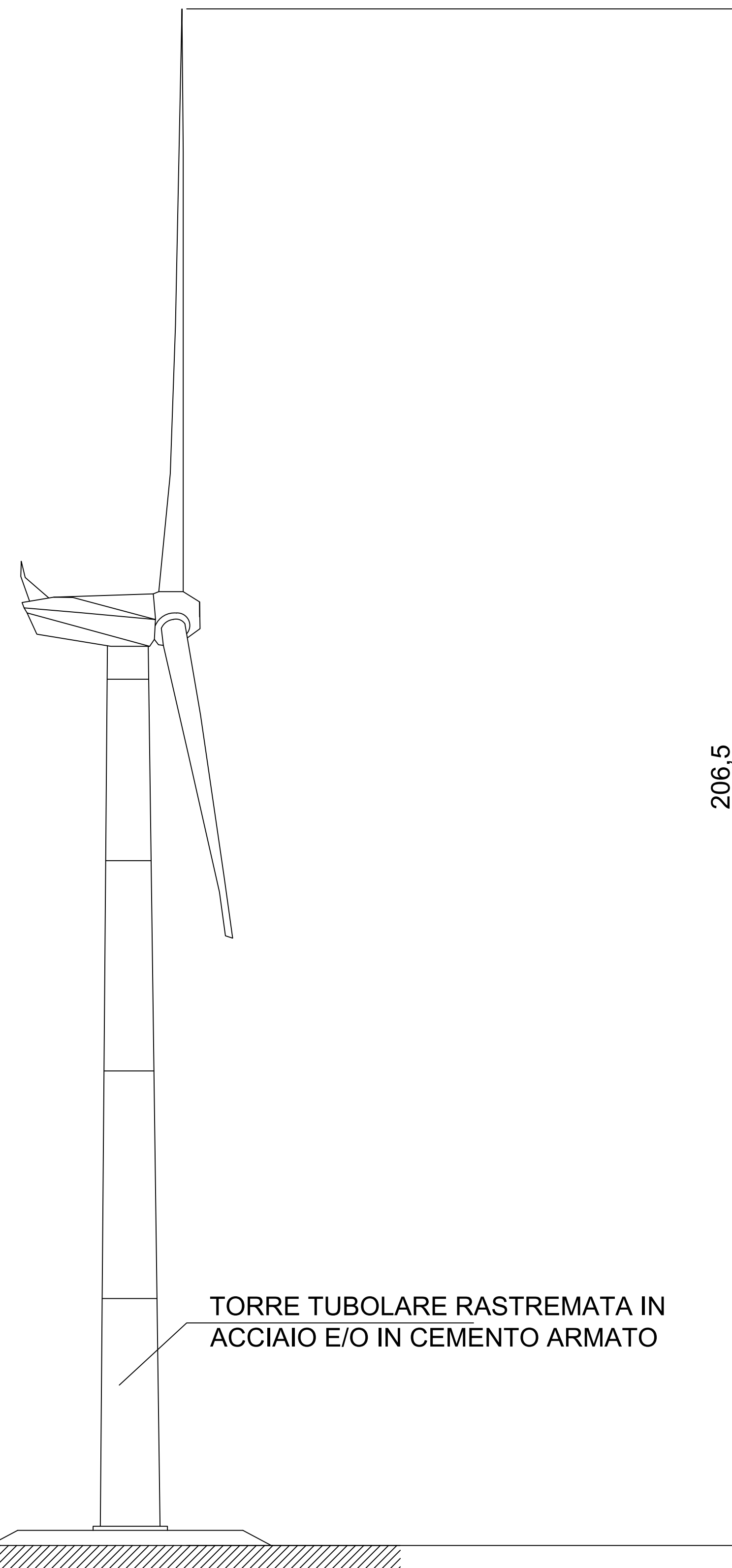
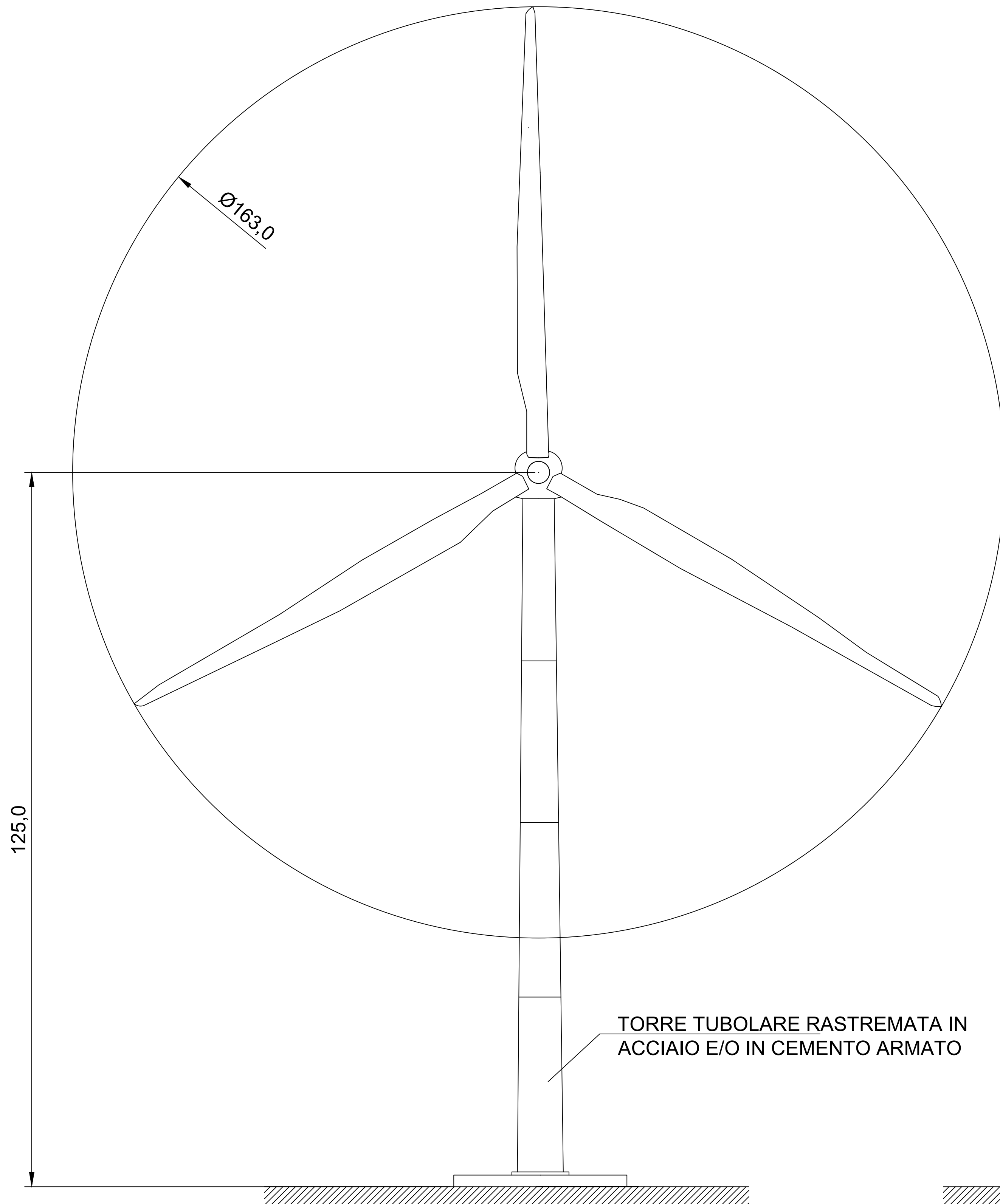


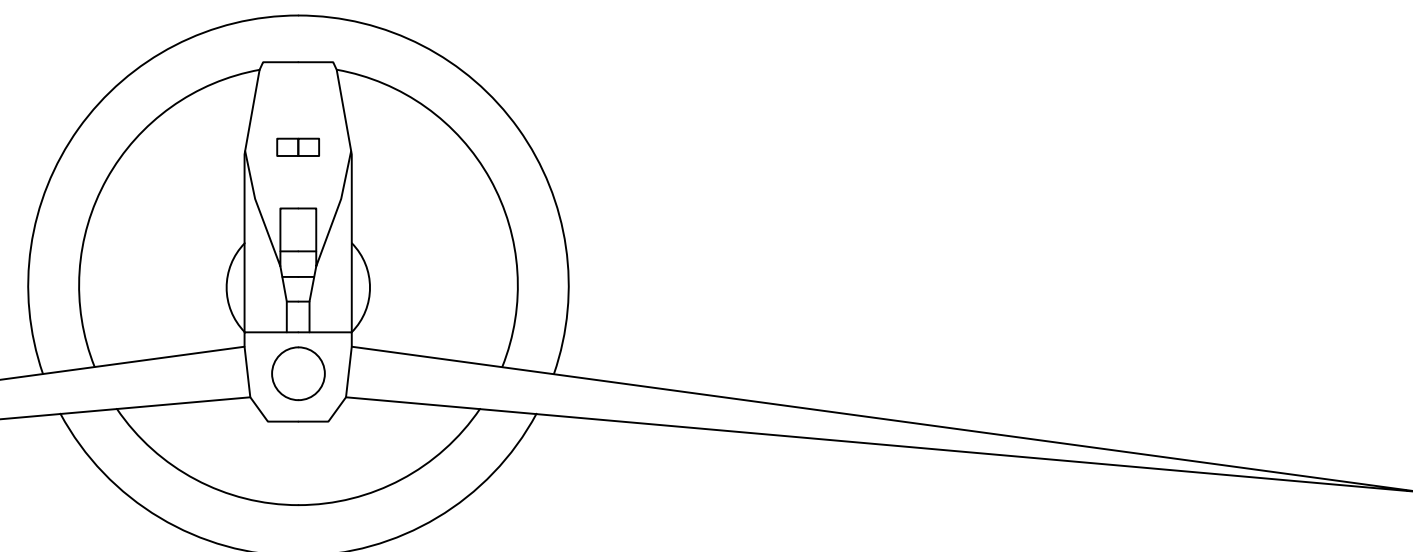
AEROGENERATORE V163

VISTA FRONTALE

VISTA LATERALE



VISTA DALL'ALTO



Mechanical Design	
Rotor	V-163
Diameter	163m
Swept Area	20867 m ²
Speed, Dynamic Operation Range	4.3 -12.1 rpm
Rotational Direction	Clockwise (frontview)
Orientation	Upwind
Tilt	6°
Hub Coning	6°
No. of Blades	3
Aerodynamic Brakes	Full feathering

Blades	
Blades	V163
Type Description	Structural airfoil shell
Blade Length	80.10 m
Material	Fibreglass reinforced epoxy, carbon fibres and Solid Metal Tip (SMT)
Blade Connection	Steel roots inserted
Airfoils	High-lift profile
Maximum Chord	4.3 m
Maximum Chord 4.1 m 4.2 m Chord at 90% blade radius	1.68 m



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Il Tecnico
Ing. Leonardo Sblendido



REV.	DATA	DESCRIZIONE	PREPARATO	CONTROLLATO	APPROVATO
00	26/07/2024	PRIMA EMISSIONE	E. Sicilia	D. Scivo	L. Sblendido

"IMPIANTO EOLICO ACRÌ"
COMUNI DI ACRÌ, SAN DEMETRIO CORONE, TERRANOVA DA SIBARI, CORIGLIANO - ROSSANO E CASALI DEL MANCO (CS)



PROGETTO:			
DEFINITIVO			
NOME FILE: C24FSTR001WD01400_Tipologico Aerogeneratore.pdf			
FORMATO:	SCALA:	SCALA PLOT:	FOGLIO:
A1	1:1000	1:1	1 di 1



TITOLO:			
TIPOLOGICO AEROGENERATORE			
CODICE ELABORATO			
IMPIANTO	TEC	TIPO	PROGRESSIVO
C24	FSTR	001	WD01400