



DATA	
TANK TYPE	Full Containment System
WORKING CAPACITY	104840 m ³
DESIGN LIQUID LEVEL	34540.0 mm
DESIGN LIQUID DENSITY	468.8 kg/m ³
DESIGN PRESSURE	290 mbarg Max. -10 mbarg Min.
DESIGN TEMPERATURE	-162 °C LNO 35 °C Ambient
DESIGN LIQUID INHALE RATE	14000 m ³ /hr
DESIGN LIQUID OUTGATE RATE	1890 m ³ /hr
DESIGN WIND SPEED	47 m/sec.
EARTHQUAKE (PGA)	
SPECIFICATION - Operating	BS 7777 Part 1 & Part 2, 1993
	Hydrotest BS 7777 Part 1 & Part 2, 1993
BOIL-OFF RATE	0.050%/day
TYPE OF HYDROTESTING	

USEFUL VOLUME	104809 m ³
NET VOLUME	119196 m ³
GROSS VOLUME	120921 m ³

INNER SHELL DETAIL	
Material: ASTM A553 Type 1 (9% Ni) - Mod (TS=100 Ksi)	
Inner shell thickness:	
Stiffeners:	
Top Stiffener:	
Material: ASTM A553 Type 1 (9% Ni) - Mod (TS=100 Ksi)	
Intermediate Stiffener(s) - #2	
Material: ASTM A553 Type 1 (9% Ni) - Mod (TS=100 Ksi)	

RIFERIMENTO

SOFRESID ENGINEERING, 2006, AMMODERNAMENTO E ADEGUAMENTO IMPIANTO GNL DI PANIGAGLIA, DOCUMENTAZIONE DI PROGETTO, EMISSIONE FINALE, LAYOUT SERBATOIO, Rev. C, 30 AGOSTO 2006

FIGURA 4.4
SEZIONE NUOVI SERBATOIO