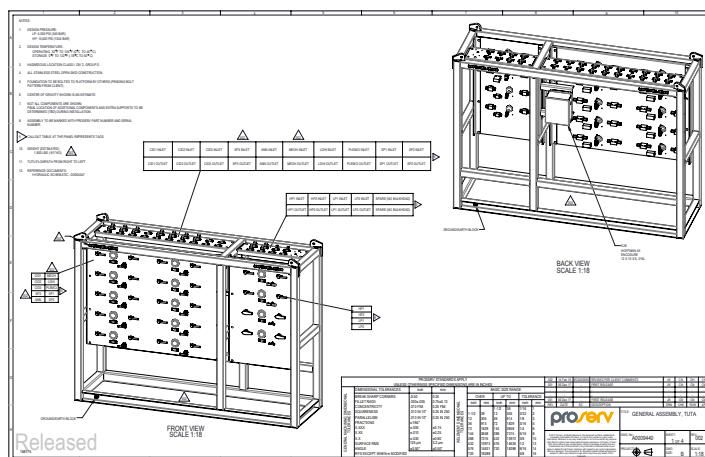


Topside Umbilical Termination Assembly

- Standalone module, compact
- Multiple configurations, can interface with all 3rd party inputs (chemical, hydraulic, electrical, optical)
- Customised design, based on client requirements
- Designed using 3D design software allowing for Dynamic testing including complete structural analysis
- Electrical junction boxes designed to IP requirements



Technical details - typical configuration

Functionality	System provided to meet client requirements for number of lines and tubing sizes
Pressure range	LP: 3,000 psi or 5,000 psi HP: 10,000 psi or 15,000 psi Chemical: as per client requirements
Temperature range	-40°C to +80°C
Environmental	NACE compliant designs available for H2S and CO2 areas
Zone rating	Safe zone, Zone 3, Zone 2, Zone 1 units available
Electrical	Suitably certified electrical termination junction box and FO patch panel (if required)
Tubing and fittings	Twin compression, medium pressure, cone and thread

