

Hamworthy

Water Systems Ltd
Fleets Bridge, Poole, Dorset
BH17 0JT, England

TYPICAL SUPER TRIDENT
1 PUMP - 1 BLOWER
ST2A-C - ST6A-C
SEWAGE TREATMENT PLANT
INSTALLATION

T0406027A

SHEET 3 OF 9

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Key to Typical Installation Diagram (Figures 1A-1C)

1. Isolating valves *
2. Chlorination pump
3. De-chlorination pump
4. Dosing skid (chlorine (4A) & de-chlorination (4B) chemical containers and bunds)
5. Emergency overflow connection (treated waste)
6. Level control switch for contact tank
7. Emergency air inlet connection (if single blower fitted)
8. Rotary air blower
9. Control panel for sewage treatment tank
10. Seawater supply for initial filling and cleaning
(use clean seawater or fresh water - not harbour water)
11. Discharge pump
12. Overboard discharge (installer to comply with appropriate regulations)
13. Returned activated sludge airflow meter
14. Returned activated sludge sample point
15. Aeration tank sample point
16. Contact tank inspection hatch
17. Black water (raw sewage and urinals) inlet
18. Hospital / Galley waste inlet
19. Vent to funnel or mast
20. Branch above maximum waterline (prevents system back-up)
21. Storm valve *
22. Discharge flow control valve
23. Final effluent sample point, and pressure gauge
24. Dilution water inlet (only required for vacuum collected waste)
25. Chlorination feed
26. De-chlorination feed
27. Contact tank sample point
28. Drain

* Items marked thus are not Hamworthy Water Systems Ltd supply

ECN No.	ORIGINAL	N/A	N/A	N/A	N/A				
ISSUE	1	2	3	4	5				
DRAWN	WJD / MLS	MLS	MLS	WJD	WJD				
CHECK'D	TMD/IJB	IJB	IJB	MLS	ART				
APPR'D	SGCJ	SGCJ	SGCJ	ILB	ILB				
DATE	23/7/08	28/7/08	27/8/08	28.10.08	07.04.10				