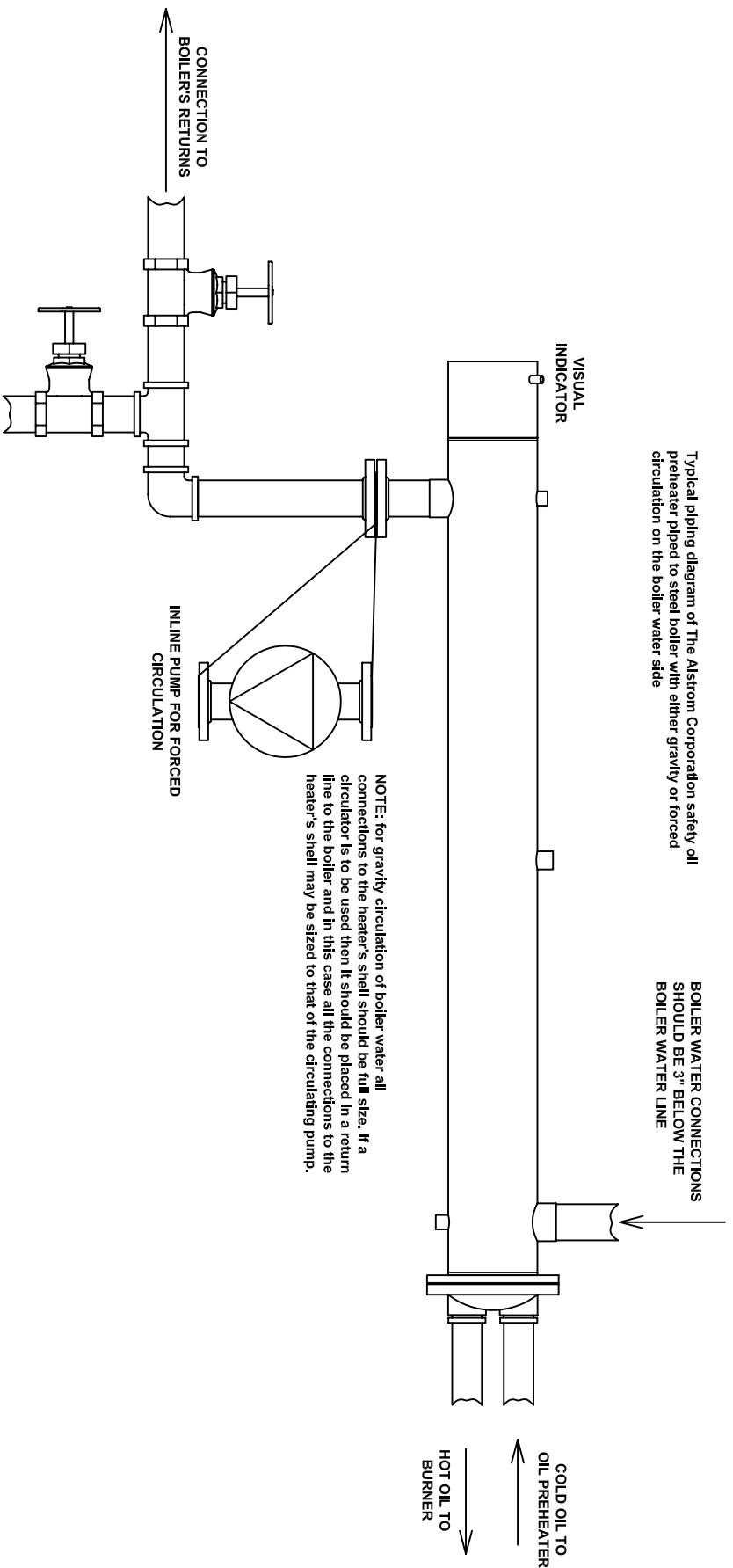


# TYPICAL PIPING DIAGRAM "SAFE GUARD" FUEL OIL PREHEATER SERIES DT

Typical piping diagram of The Alstrom Corporation safety oil preheater piped to steel boiler with either gravity or forced circulation on the boiler water side

BOILER WATER CONNECTIONS SHOULD BE 3" BELOW THE BOILER WATER LINE



NOTE: for gravity circulation of boiler water all connections to the heater's shell should be full size. If a circulator is to be used then it should be placed in a return line to the boiler and in this case all the connections to the heater's shell may be sized to that of the circulating pump.

## CIRCULATING PUMP SELECTION

MODEL	MIN. PUMP CAPACITY
6 DT - 70	2.0 GPM
6 DT - 90	2.5 GPM
6 DT - 120	3.0 GPM
6 DT - 150	4.0 GPM
6 DT - 180	4.6 GPM
6 DT - 250	6.5 GPM
6 DT - 320	8.1 GPM
6 DT - 320	10.2 GPM
6 DT - 480	12.2 GPM
6 DT - 600	15.2 GPM

DRAWN BY MP	
CHECK BY	
QUALITY CONTROL MP	

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## TYPICAL PIPING DIAGRAM GENERAL

SIZE A	SERIAL NO.	DWG. NO.	REV 2
SCALE			SHEET #1