



NOTES:
 *Not for construction,
 *Mass approximate and
 subject to change based on
 ASME calculation
 *Nozzle sizes and
 connections subject to
 change
 *3 304 SS tray Design
 *Spargers and Spray
 connections 304 SS

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REV. NO: DESCRIPTION: DATE: BY:

ENGINEER:

PROJECT:

CLIENT/CUSTOMER:

PAGE DESCRIPTION:
 300 GALLON DA OVERVIEW

MODEL #:

DTDA-300-50-CS

WORK ORDER #:

SCALE: 1:20 DWG SIZE: B SHEET: 1 OF 1

DRAWN BY: KEENAN KELLY DATE: 14/08/19

APPROVED BY: DATE:

DESIGN DATA

DESIGN CODE	ASME SECTION VIII DIV 1 2017	INTERNAL DESIGN	50 PSIG @ 300 °F	WPS	TBA
PIPE CODE	N/A	EXTERNAL DESIGN	15 PSIG @ 300 °F	PWHT	NONE
CODE STAMP	CRN VESSEL	MDMT	-20 °F @ 50 PSIG	WEIGHT DRY	1500 LBS
CRN NUMBER	TBA	HYDROTEST PRESSURE	65 PSIG @ 60 °F	WEIGHT OPERATING	4000 LBS
WIND CODE	N/A	CORROSION ALLOWANCE	STORAGE AREA: 1/16" DOME: 1/8" 304SS PARTS: 0"	VOLUME TO OVERFLOW	300 USGAL
SEISMIC CODE	N/A	RT	NONE: UW-11(C) TYPE 1	INTERNAL FINISH	N/A
IMPACT TEST	EXEMPT PER UCS-66/UHA - 51	MT/PT	N/A	EXTERNAL FINISH	PRIMER

Nozzle Connection Table

N1	Condensate Return 1" SORF	N11	Pressure Transmitter 1/2" NPT
N2	Make up water Inlet 1" SORF	N12	Safety Valve 1-1/2" SORF
N3	Steam Inlet 3" SORF	N13	Vacuum Breaker 3/4" NPT
N4	Boiler Feed Water 2" SORF	N14	Spare Conn 2" SORF
N5	Boiler Feed Water 2" SORF	N15	Over flow 1-1/2" NPT
N6	Vent 1" NPT	N16	Chemical Dosing 1/2" NPT
N7	Drain 1" NPT	N17 a-b	Spill Back 1/2" NPT
N8 a-d	Level Gauge 1/2" NPT	N19	Boiler Trap Return 3" SORF
N9	Temp Element 1/2" NPT	M2	Manway 12" X 16"
N10	Pressure Gauge 1/2" NPT	DM	DOME 16" SORF

Custom Steam Solutions Inc
 Your Steam System Integrators

ESTIMATED DRY WEIGHT:
 - LBS

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