

DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	130 gallons
Empty Weight	375 lbs.
Flooded Weight	1,425 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	76"	Overall Height
B	72"	Tank Height
C	65.63"	NPT
D	24"	Diameter
E	1"	NPT, Drain
F	21"	Skirt Diameter

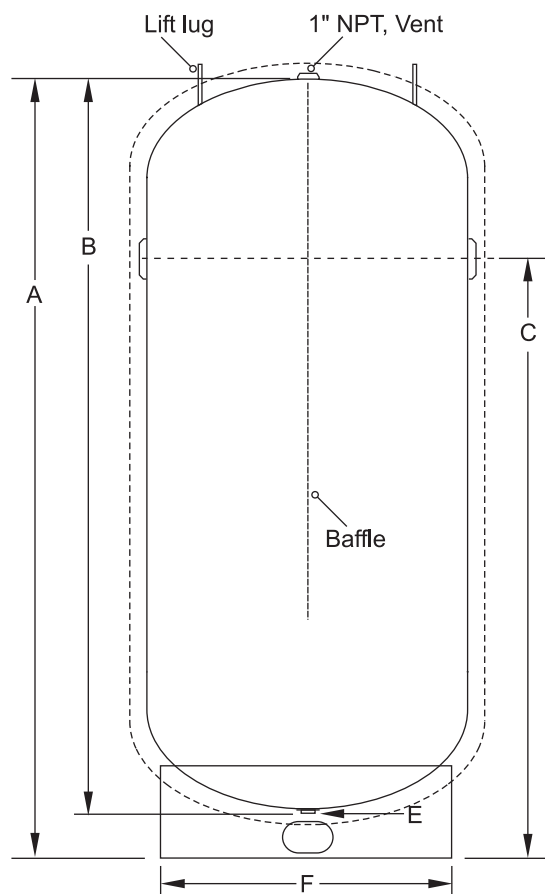
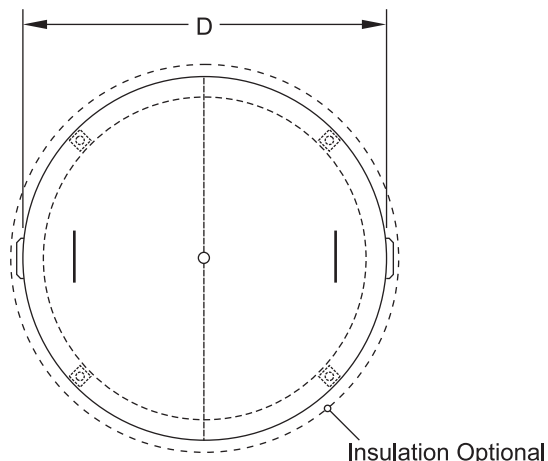
NOTES	
* in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-24-072

Chilled Water Buffer Tank

Submittal Data

CBT-24-072



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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F*
Radiograph	None
Capacity	210 gallons
Empty Weight	425 lbs.
Flooded Weight	2,090 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	79"	Overall Height
B	75"	Tank Height
C	67.38"	Flange Center
D	30"	Diameter
E	1"	NPT, Drain
F	26"	Skirt Diameter
G	3"	Flanges

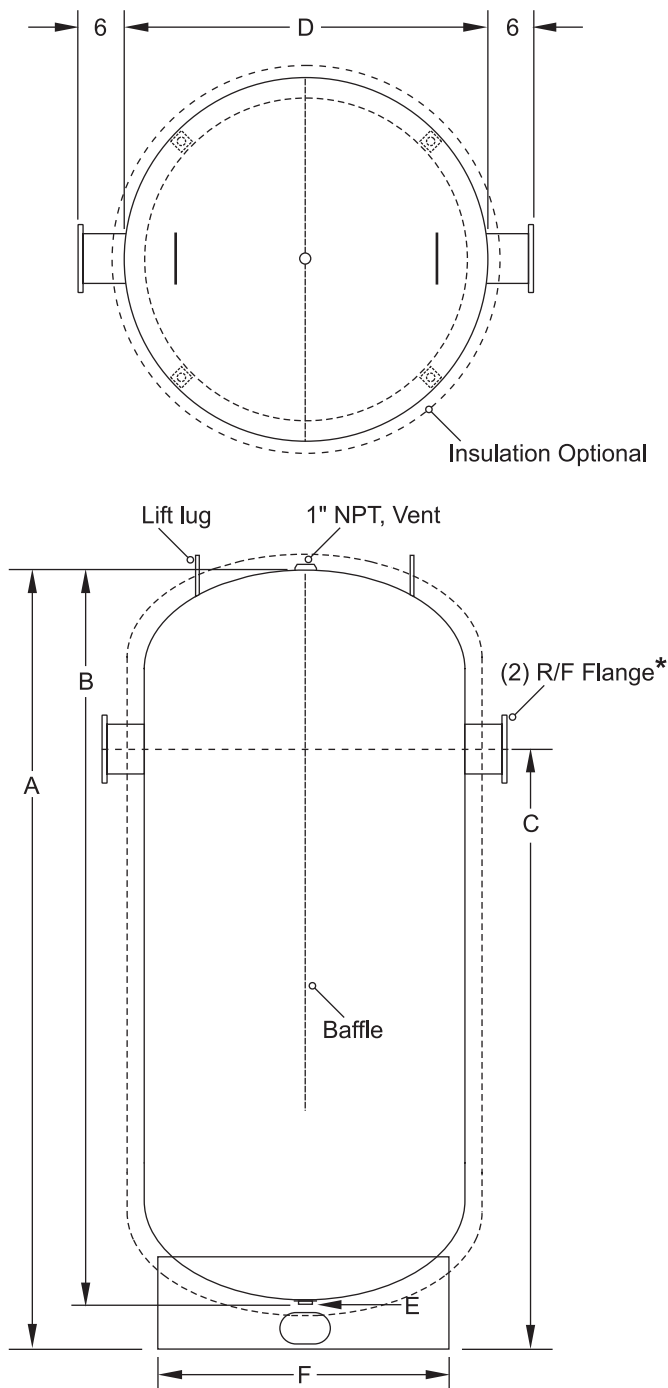
NOTES	
*in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-30-075

Chilled Water Buffer Tank

Submittal Data

CBT-30-075



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F*
Radiograph	None
Capacity	300 gallons
Empty Weight	633 lbs.
Flooded Weight	2,857 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	76"	Overall Height
B	72"	Tank Height
C	61.75"	Flange Center
D	36"	Diameter
E	1"	NPT, Drain
F	31"	Skirt Diameter
G	4"	Flanges

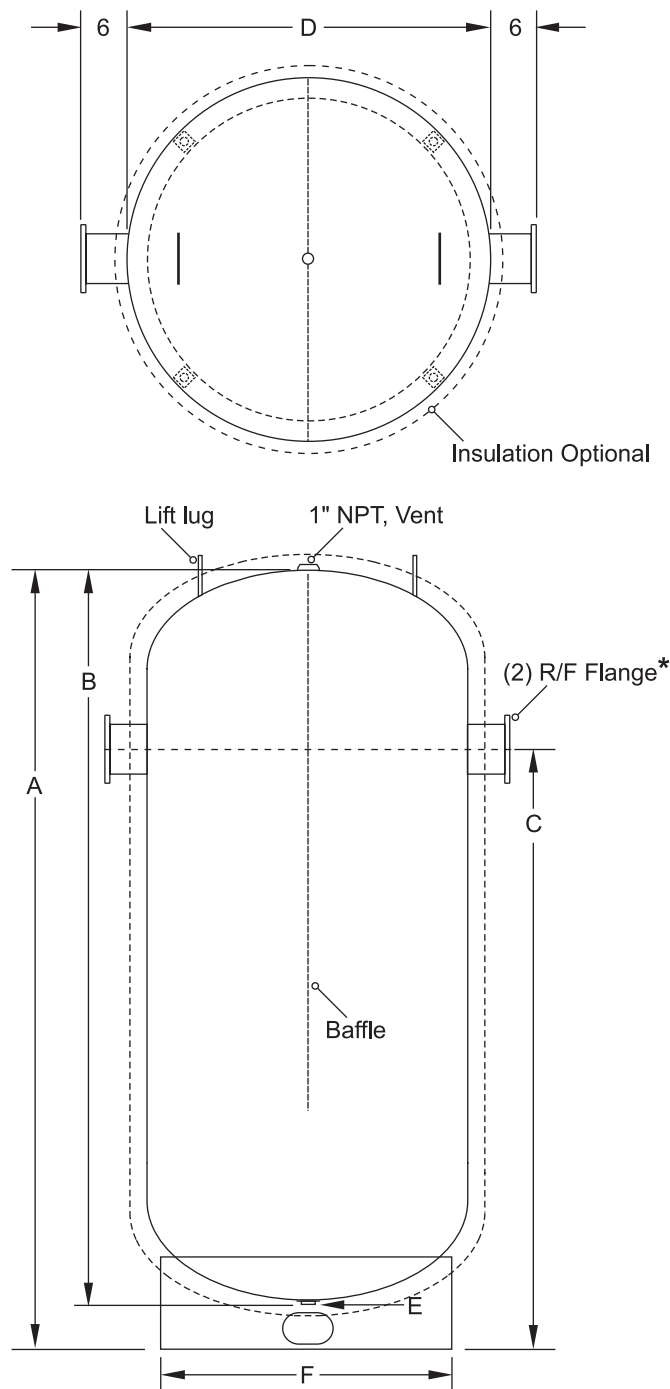
NOTES	
* in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-36-072

Chilled Water Buffer Tank

Submittal Data

CBT-36-072



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	400 gallons
Empty Weight	715 lbs.
Flooded Weight	4,030 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	98"	Overall Height
B	94"	Tank Height
C	83.75"	Flange Center
D	36"	Diameter
E	1"	NPT, Drain
F	31"	Skirt Diameter
G	4"	Flanges

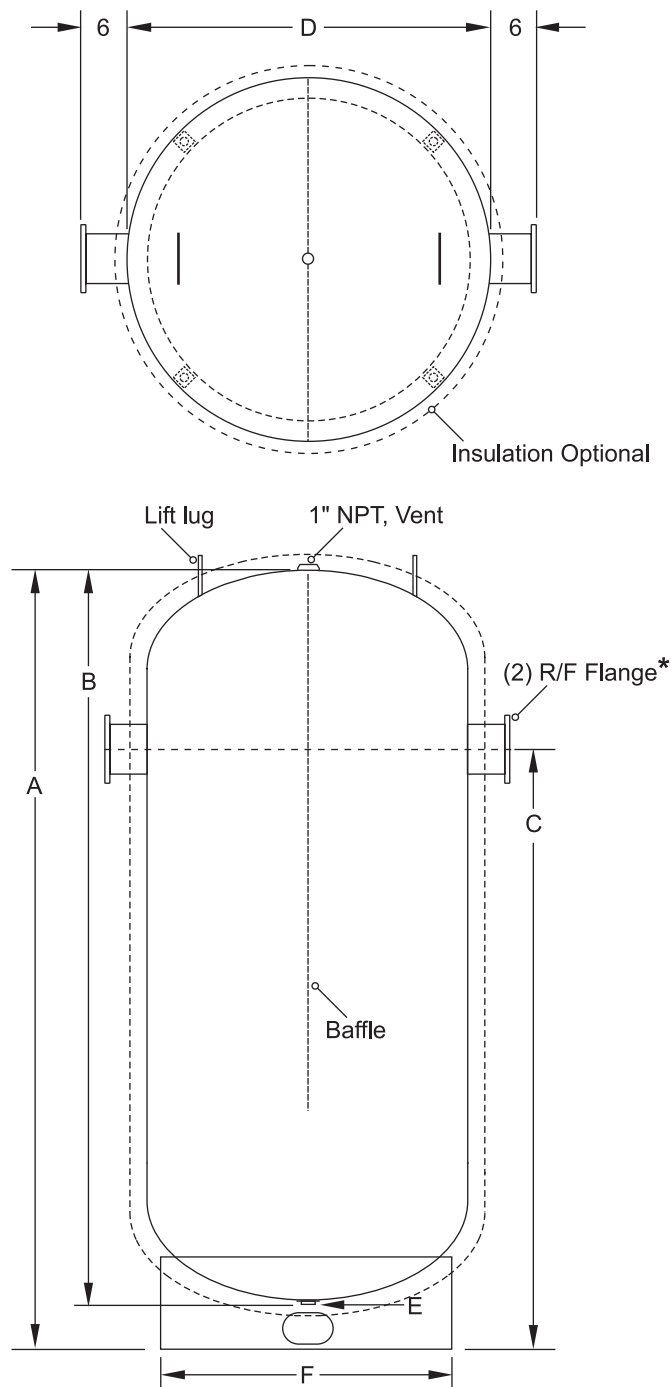
NOTES	
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PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-36-094

Chilled Water Buffer Tank

Submittal Data

CBT-36-094



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	460 gallons
Empty Weight	1250 lbs.
Flooded Weight	4,493 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	88"	Overall Height
B	84"	Tank Height
C	70.25"	Flange Center
D	36"	Diameter
E	1"	NPT, Drain
F	36"	Skirt Diameter
G	4"	Flanges

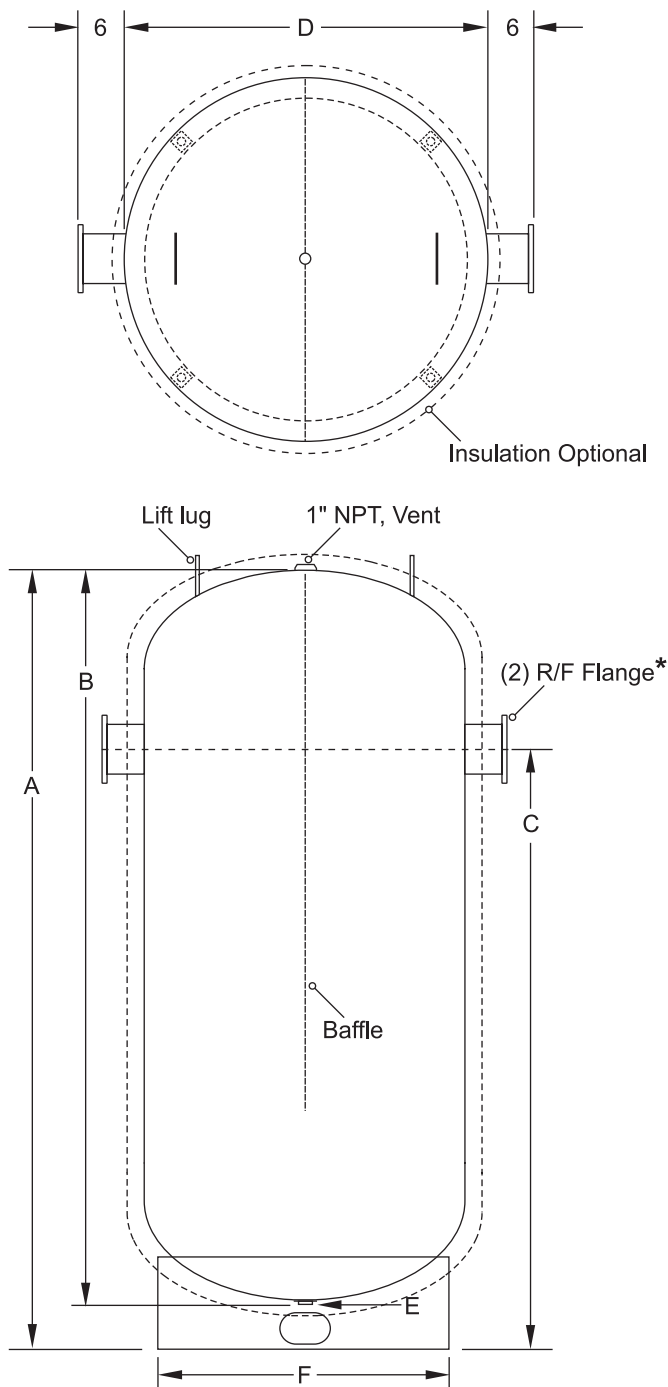
NOTES	
*in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-42-084

Chilled Water Buffer Tank

Submittal Data

CBT-42-084



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	528 gallons
Empty Weight	1,150 lbs.
Flooded Weight	5,645 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	81"	Overall Height
B	77"	Tank Height
C	62.25"	Flange Center
D	48"	Diameter
E	1"	NPT, Drain
F	41"	Skirt Diameter
G	6"	Flanges

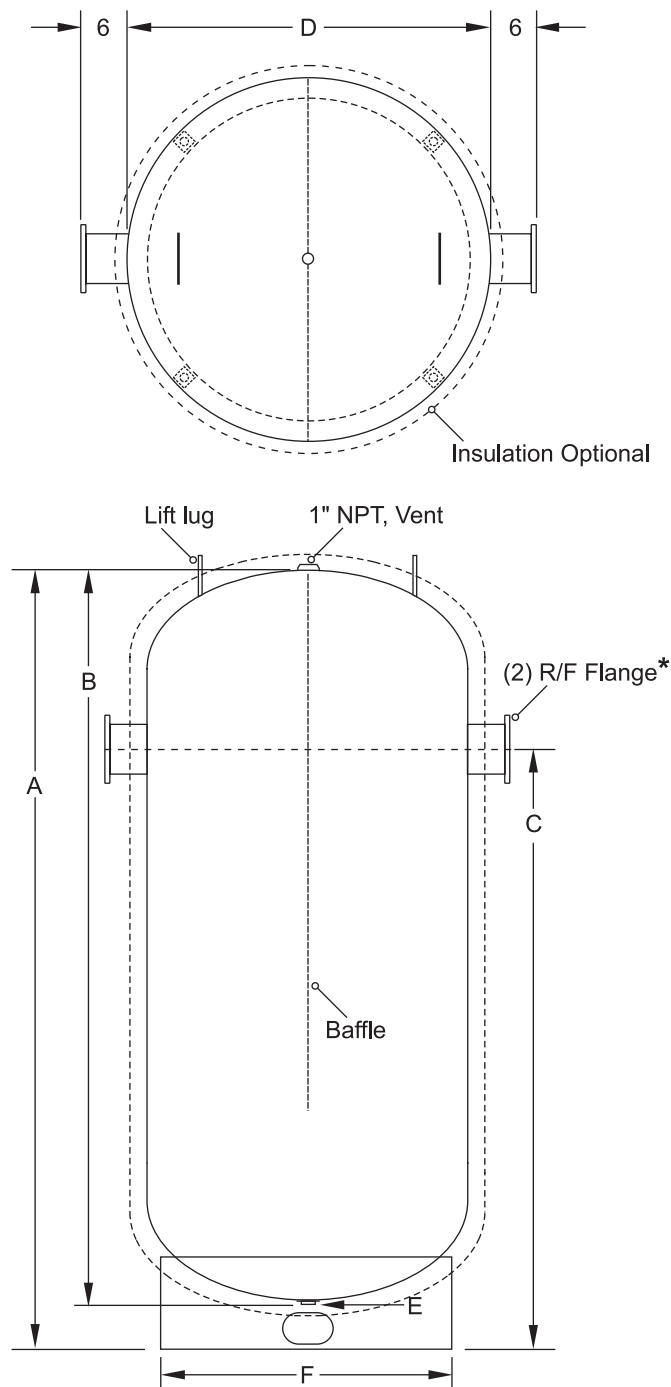
NOTES	
* in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-48-077

Chilled Water Buffer Tank

Submittal Data

CBT-48-077



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	600 gallons
Empty Weight	1,765 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	94"	Overall Height
B	90"	Tank Height
C	73.25"	Flange Center
D	48"	Diameter
E	1"	NPT, Drain
F	41"	Skirt Diameter
G	6"	Flanges

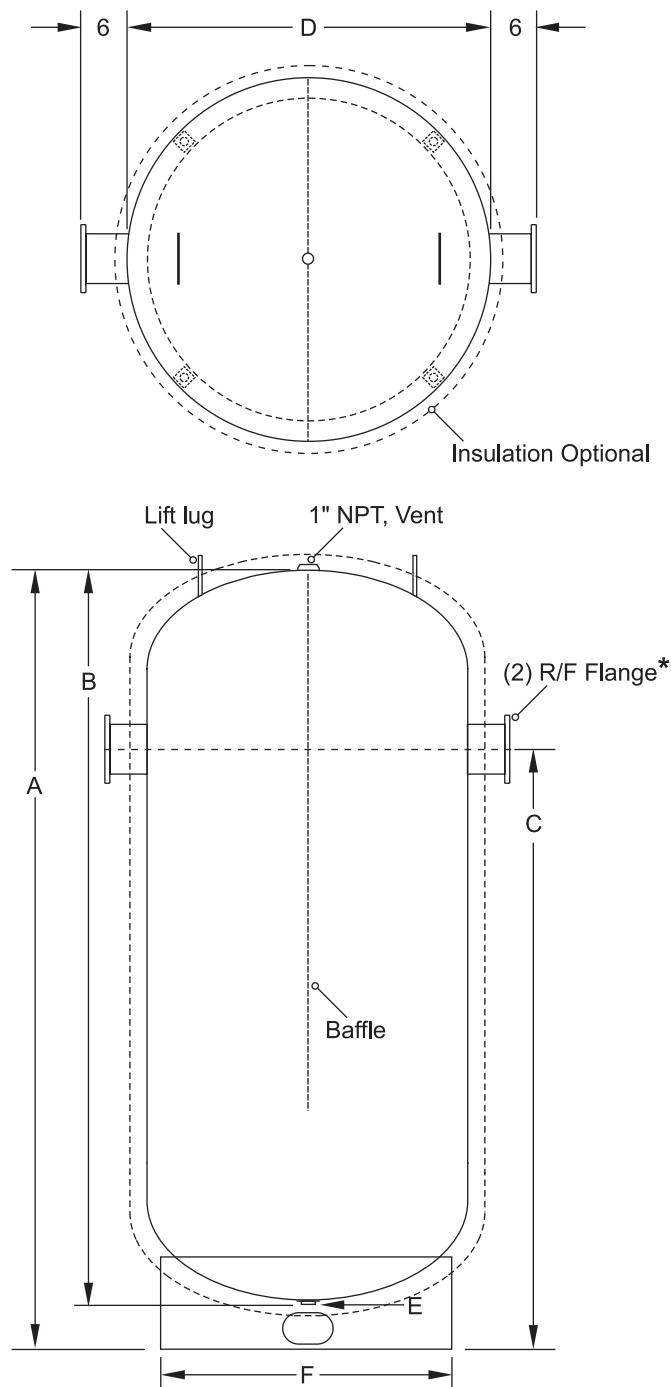
NOTES	
* in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-48-090

Chilled Water Buffer Tank

Submittal Data

CBT-48-090



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	700 gallons
Empty Weight	1,885 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	103"	Overall Height
B	99"	Tank Height
C	82.25"	Flange Center
D	48"	Diameter
E	1"	NPT, Drain
F	41"	Skirt Diameter
G	6"	Flanges

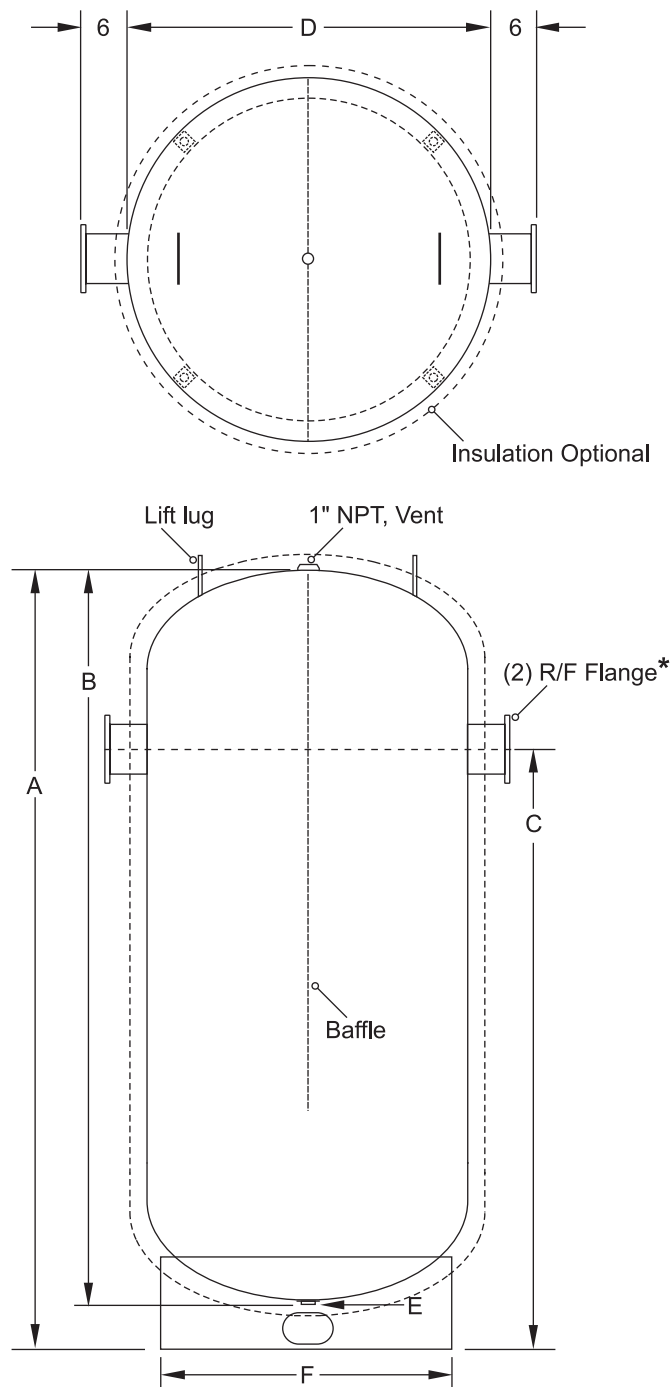
NOTES	
* in accordance with section VIII, Division 1 of the A.S.M.E. Boiler and Pressure Vessel Code.	

PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-48-099

Chilled Water Buffer Tank

Submittal Data

CBT-48-099



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F *
Radiograph	None
Capacity	1000 gallons
Empty Weight	1957 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	145"	Overall Height
B	141"	Tank Height
C	124.25"	Flange Center
D	48"	Diameter
E	1"	NPT, Drain
F	41"	Skirt Diameter
G	6"	Flanges

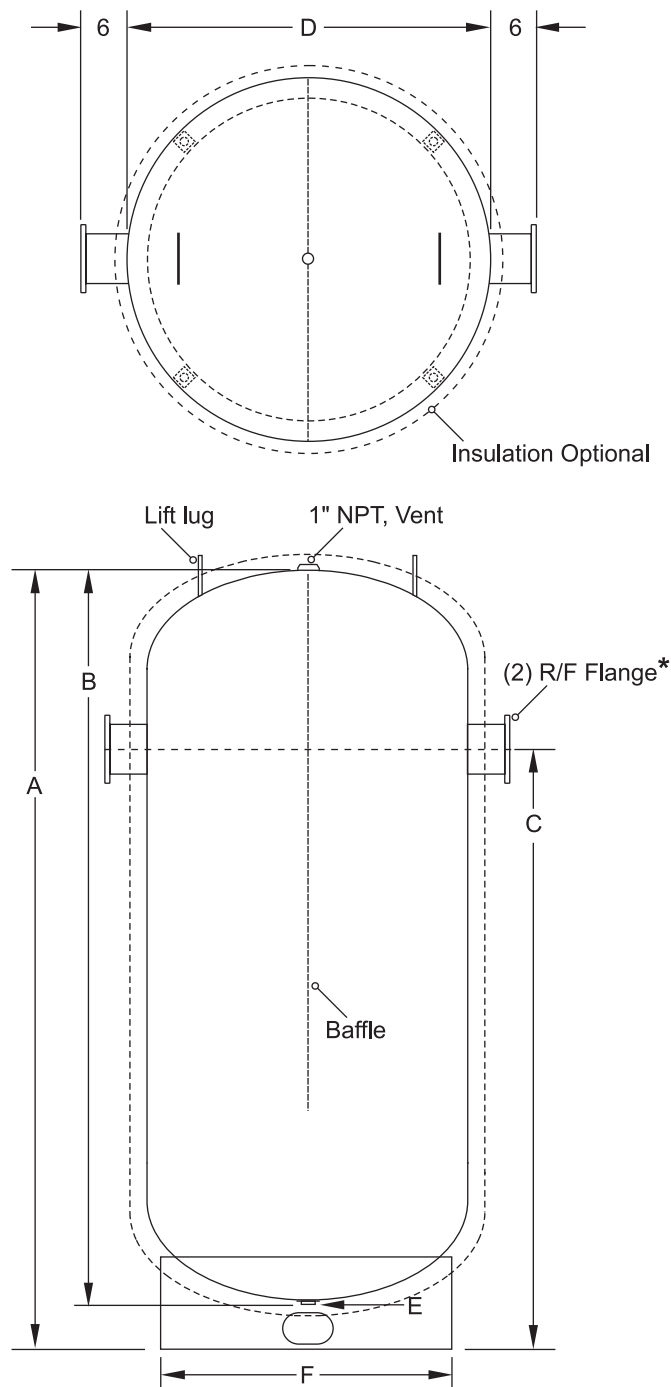
NOTES	
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PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-48-141

Chilled Water Buffer Tank

Submittal Data

CBT-48-141



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F*
Radiograph	None
Capacity	850 gallons
Empty Weight	1,630 lbs.
Flooded Weight	8,970 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	102"	Overall Height
B	96"	Tank Height
C	79.63"	Flange Center
D	54"	Diameter
E	1"	NPT, Drain
F	46"	Skirt Diameter
G	6"	Flanges

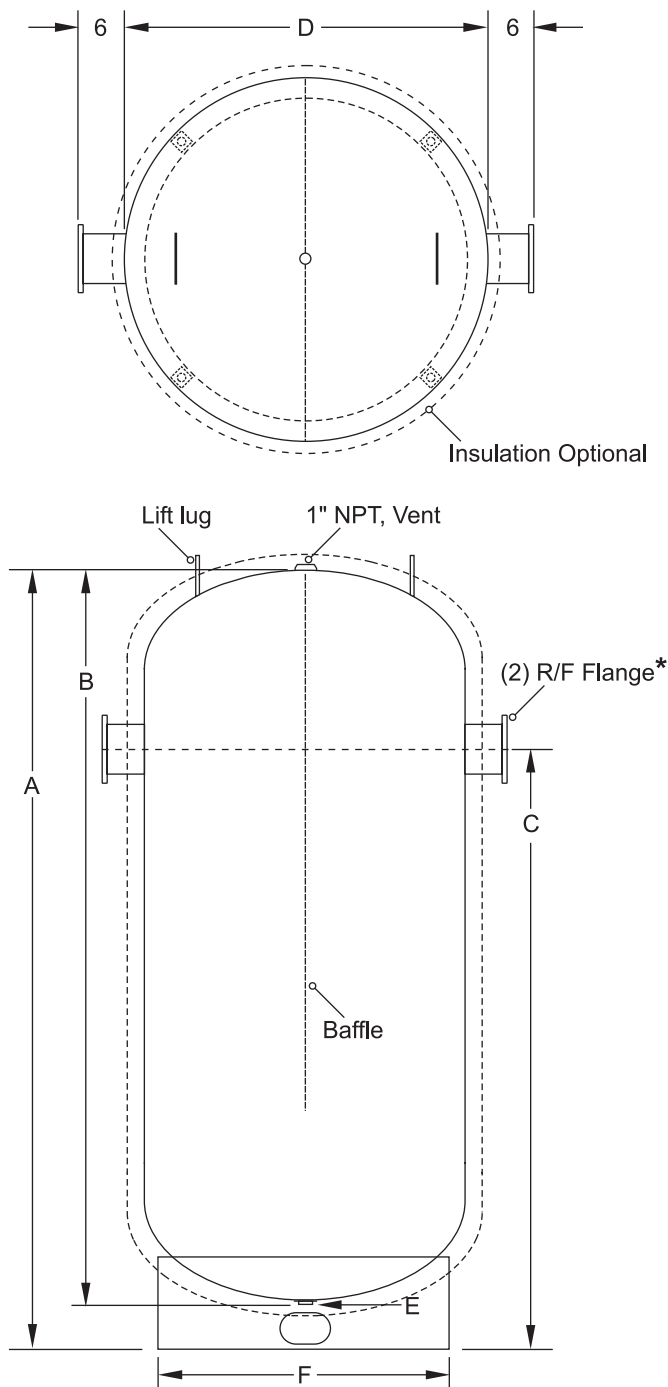
NOTES	
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PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-54-096

Chilled Water Buffer Tank

Submittal Data

CBT-54-096



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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DESIGN NOTES	
Code	ASME VIII-1
Design Pressure	125 psi
Test Pressure	163 psi
Shell	Carbon Steel
Interior	Carbon Steel
Exterior	Red Oxide Primer
M.A.W.P.	125 psig @ -20°F to 650°F*
Radiograph	None
Capacity	1040 gallons
Empty Weight	2,280 lbs.
Flooded Weight	10,965 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS	
Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel

OPENINGS / HEIGHTS		
MARK	DIM.	REFERENCE
A	102"	Overall Height
B	96"	Tank Height
C	76.75"	Flange Center
D	60"	Diameter
E	1"	NPT, Drain
F	51"	Skirt Diameter
G	8"	Flanges

NOTES

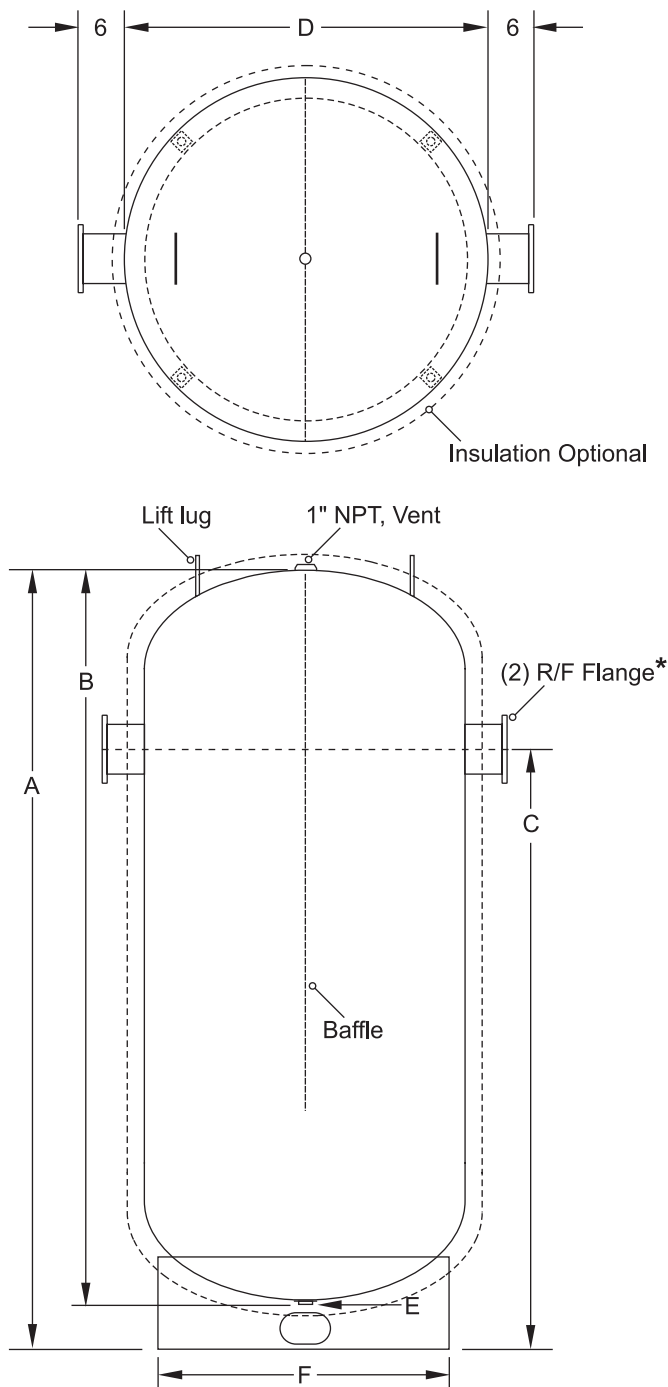
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PROJECT	
Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	CBT-60-096

Chilled Water Buffer Tank

Submittal Data

CBT-60-096



* Bolt holes of nozzle pipe flange connections straddle the centerlines of the tank

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