

DESIGN NOTES

Code ASME Sec IV HLW

Design Pressure 125 psi

Test Pressure 125 psi

Heads 3/16" 414G

Shell 3/16" 516 Grade 70

Interior Ultonium Glass

Exterior Primed Painted

Radiograph None

Capacity 285 gallons / 318 nominal

Tare Weight 491 lbs.

Supports Skirt

MATERIAL SPECIFICATIONS

Heads Carbon Steel

Shell Carbon Steel

Couplings Carbon Steel

Flanges

Pipe

Manway

Lining Ultonium Glass

OPENINGS / HEIGHTS

MARK	DIM.	REFERENCE
A	76"	Overall Height
B	72"	Tank Height
C	19"	Circulation, Anode
D	36"	Diameter
E	38"	ASME Plate
F	61"	Anode
H	2.5"	Hot Out

NOTES**PROJECT**

Customer

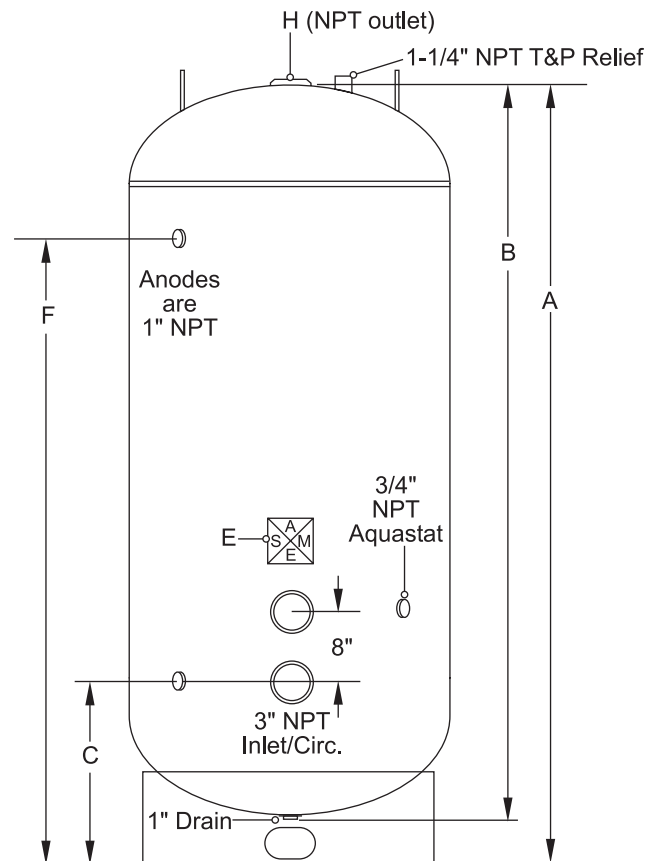
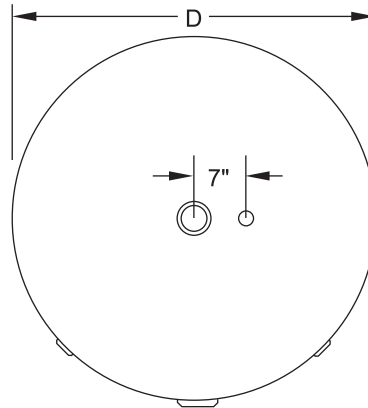
Scale Not to Scale

Date

Customer P.O. #

Drawing Number S-36-072

Vertical Storage Tank

Submittal Data**S-36-072**

LAARS®
Heating Systems Company
 A subsidiary of **BRADFORD WHITE** Corporation

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	3/16" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	435 gallons / 486 nominal
Tare Weight	783 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

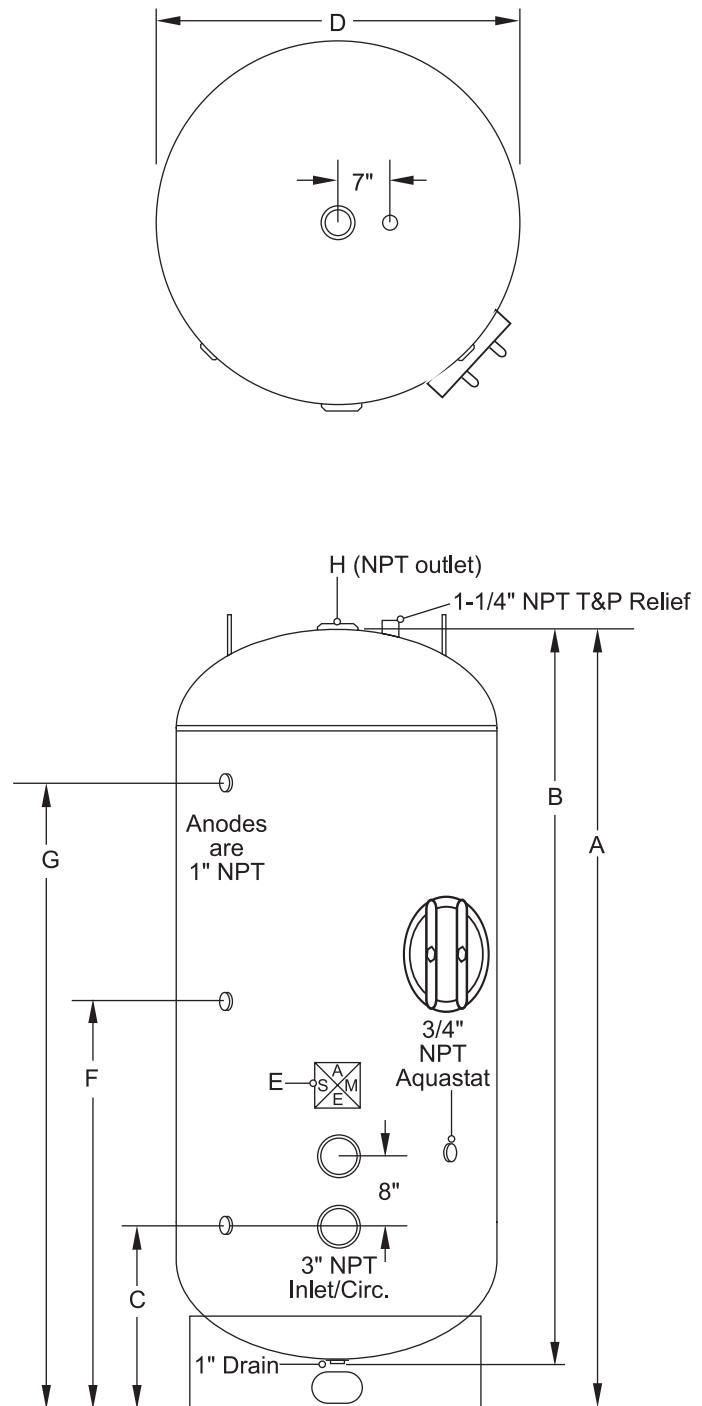
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	85"	Overall Height
B	81"	Tank Height
C	20.5"	Circulation, Anode
D	42"	Diameter
E	38.5"	ASME Plate
F		Anode
G	68.5"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-42-081

Vertical Storage Tank

Submittal Data**S-42-081**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	3/16" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	455 gallons / 504 nominal
Tare Weight	805 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

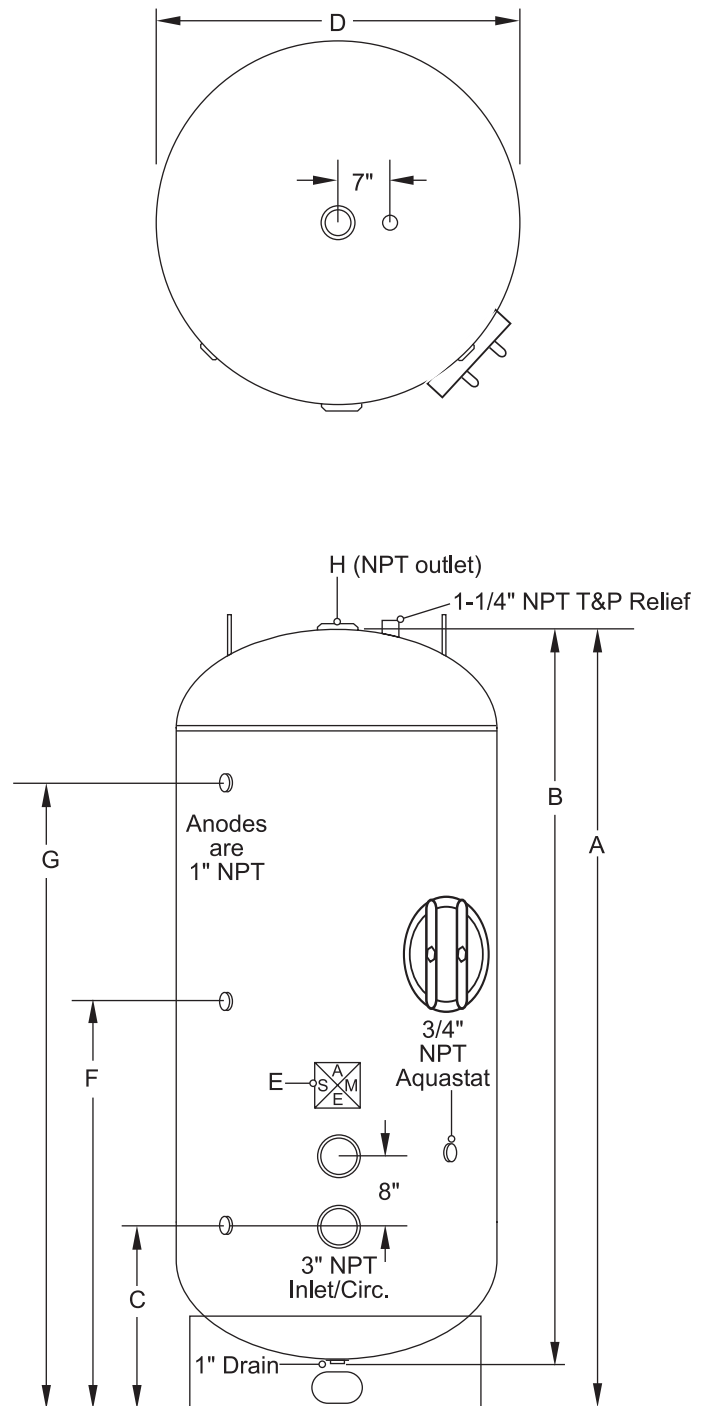
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	88"	Overall Height
B	84"	Tank Height
C	20.5"	Circulation, Anode
D	42"	Diameter
E	38.5"	ASME Plate
F		Anode
G	71.5"	Anode
H	3"	Hot Out

NOTES**PROJECT**

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

Vertical Storage Tank

Submittal Data**S-42-084**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	3/16" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	505 gallons / 558 nominal
Tare Weight	779 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

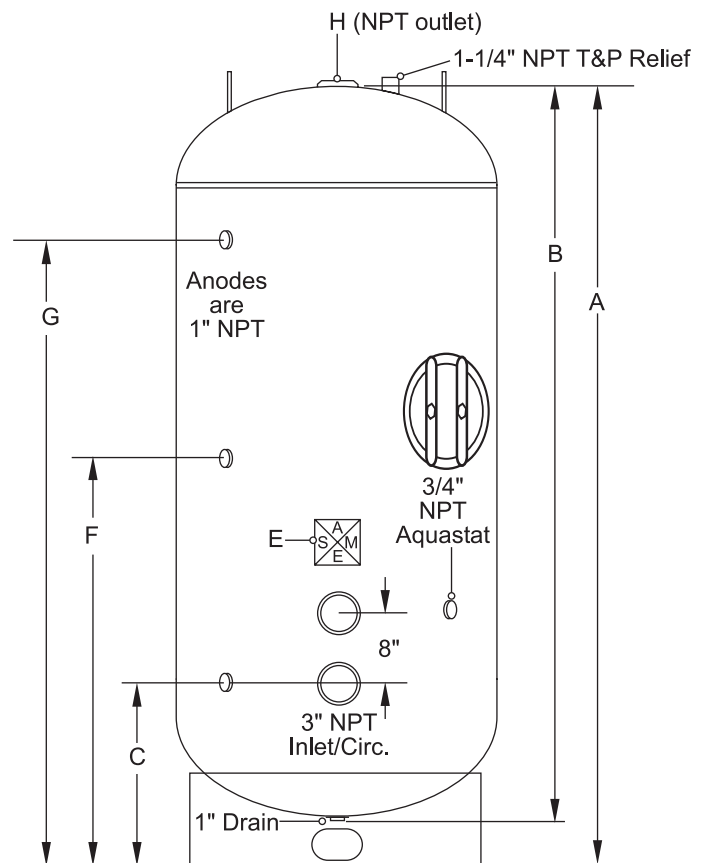
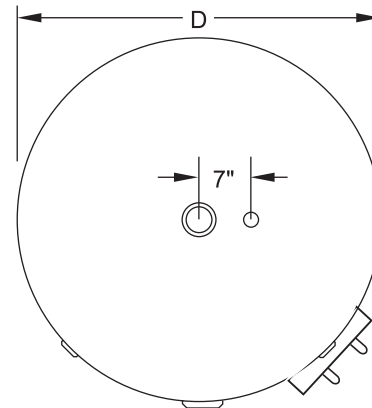
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	97"	Overall Height
B	93"	Tank Height
C	20.5"	Circulation, Anode
D	42"	Diameter
E	38.5"	ASME Plate
F	50.5"	Anode
G	80.5"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-42-093

Vertical Storage Tank

Submittal Data**S-42-093**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	3/16" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	720 gallons / 774 nominal
Tare Weight	1031 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

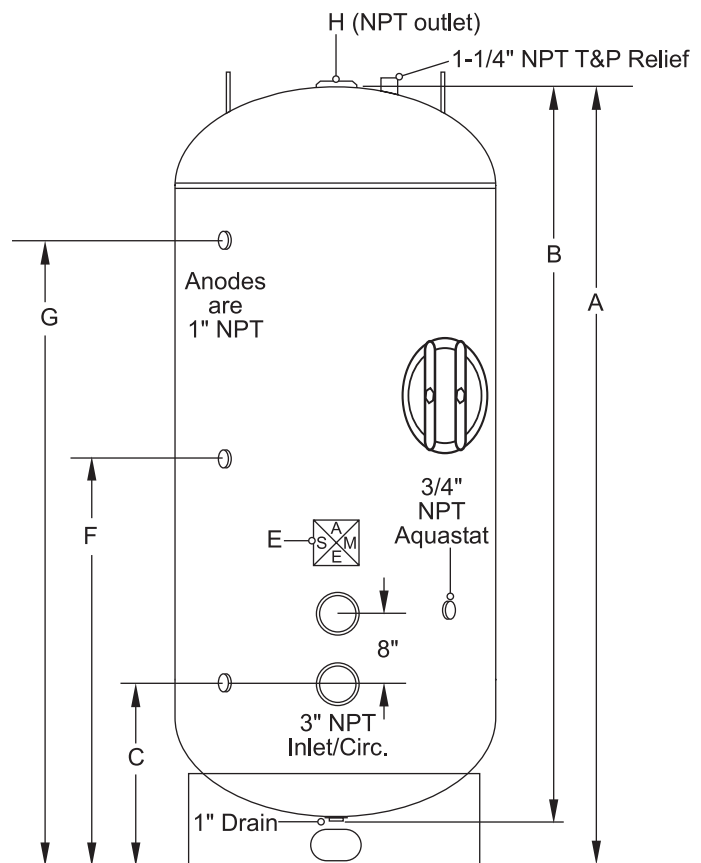
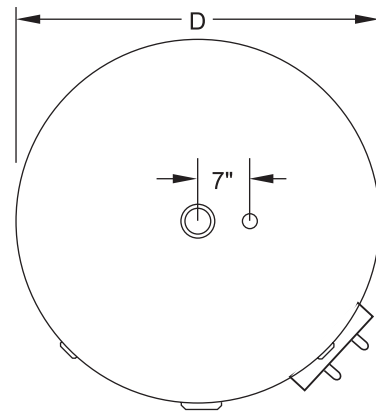
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	133"	Overall Height
B	129"	Tank Height
C	20.5"	Circulation, Anode
D	42"	Diameter
E	38.5"	ASME Plate
F	68.5"	Anode
G	116.5"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-42-129

Vertical Storage Tank

Submittal Data**S-42-129**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	1/4" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	500 gallons / 572 nominal
Tare Weight	1038 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

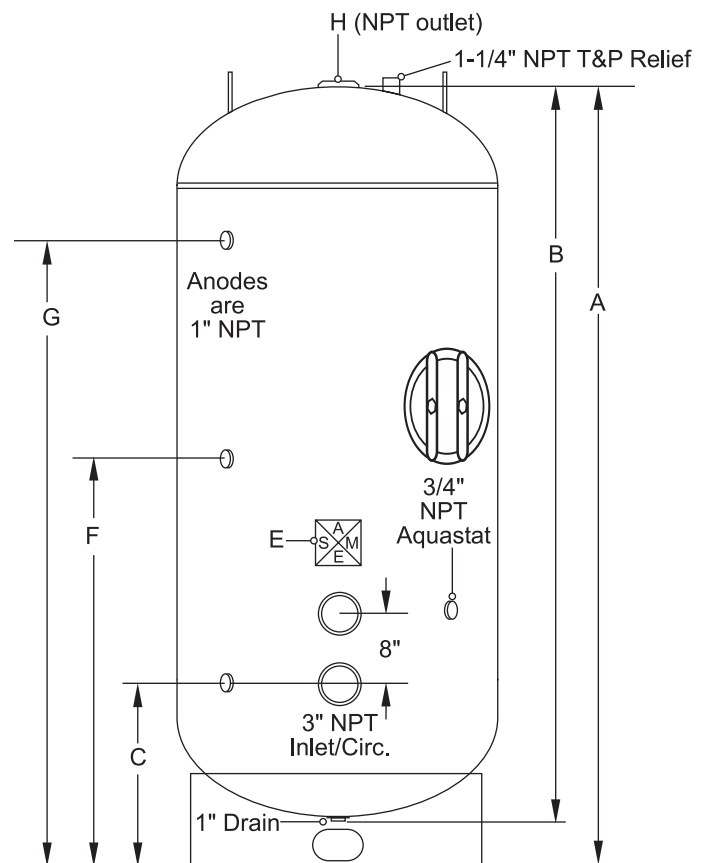
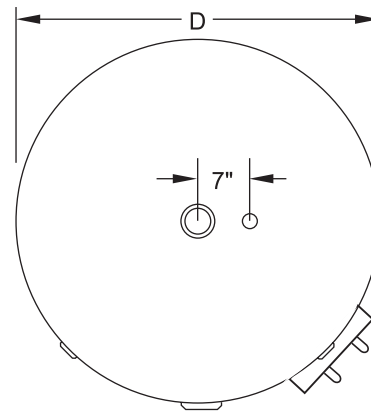
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	77"	Overall Height
B	73"	Tank Height
C	22"	Circulation, Anode
D	48"	Diameter
E	38.5"	ASME Plate
F		Anode
G	59"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-48-073

Vertical Storage Tank

Submittal Data**S-48-073**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	1/4" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	580 gallons / 658 nominal
Tare Weight	1161 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

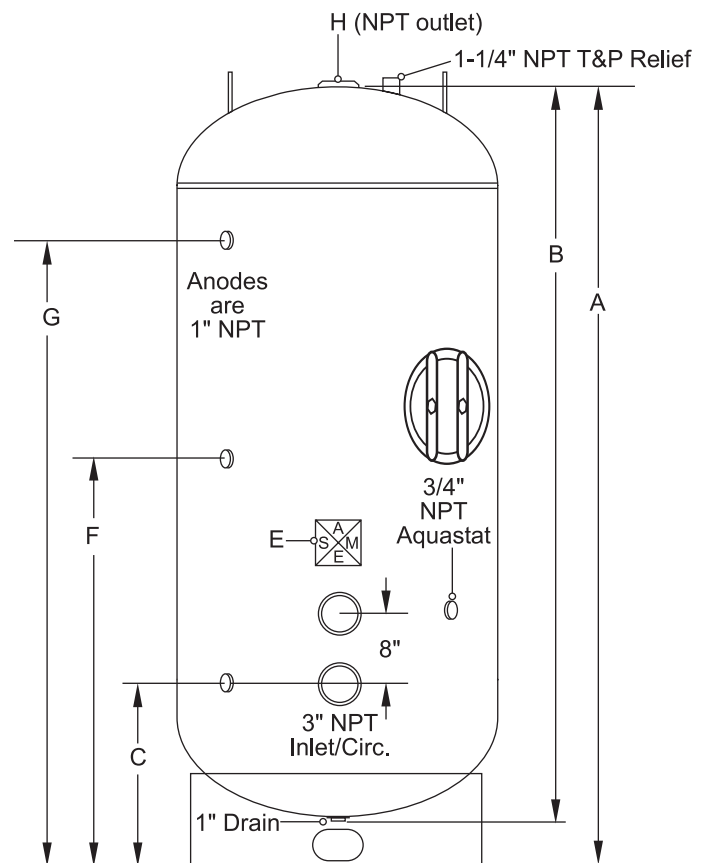
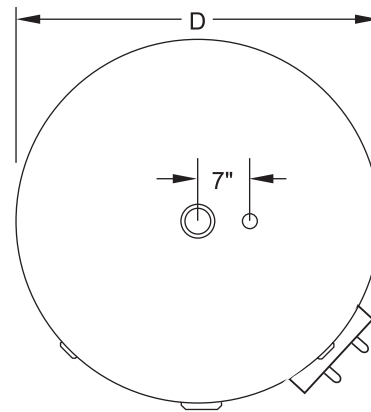
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	88"	Overall Height
B	84"	Tank Height
C	22"	Circulation, Anode
D	48"	Diameter
E	40.5"	ASME Plate
F		Anode
G	70"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-48-084

Vertical Storage Tank

Submittal Data**S-48-084**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	1/4" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	675 gallons / 752 nominal
Tare Weight	1173 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

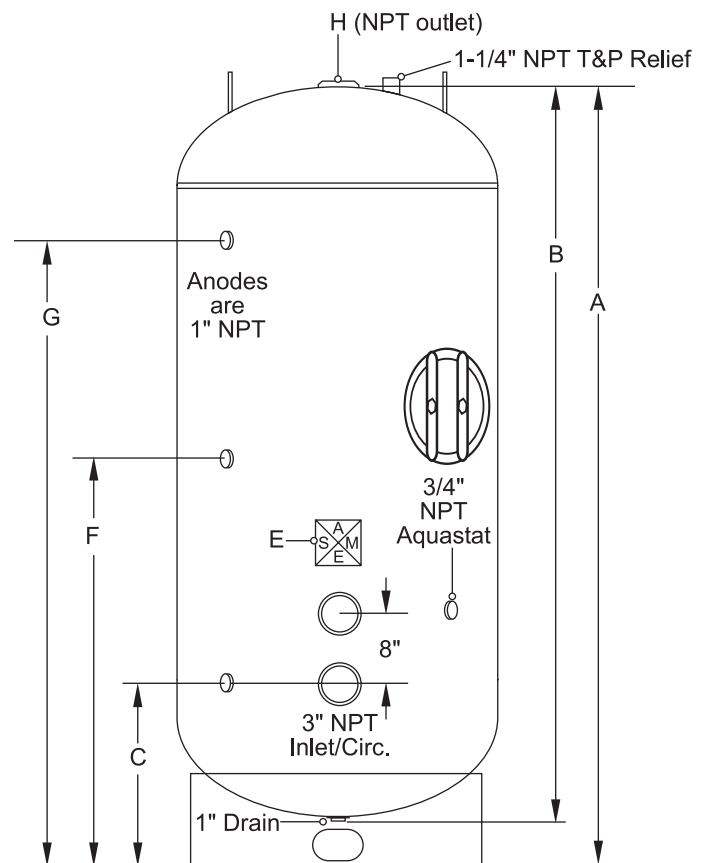
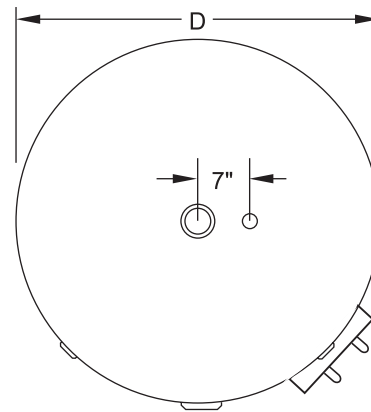
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	100"	Overall Height
B	96"	Tank Height
C	22"	Circulation, Anode
D	48"	Diameter
E	40.5"	ASME Plate
F	52"	Anode
G	82"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-48-096

Vertical Storage Tank

Submittal Data**S-48-096**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	1/4" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	860 gallons / 940 nominal
Tare Weight	1428 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

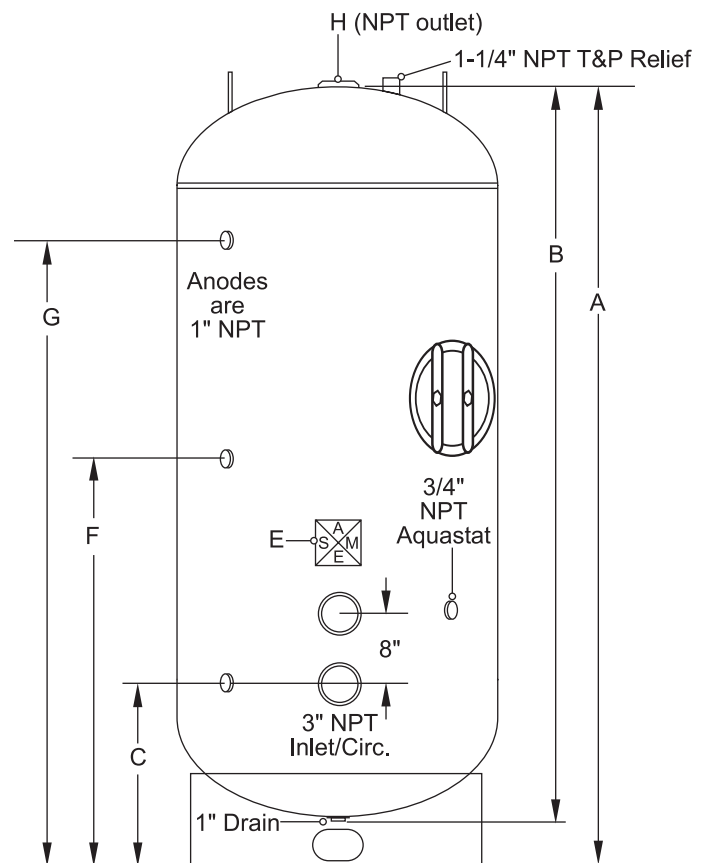
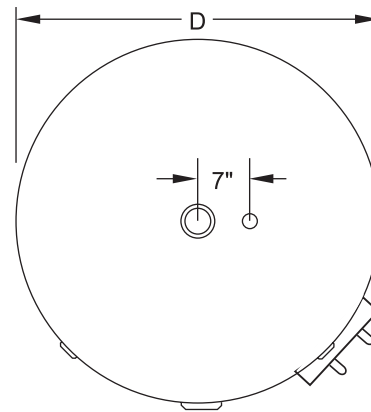
OPENINGS / HEIGHTS

MARK	SIZE	REFERENCE
A	124"	Overall Height
B	120"	Tank Height
C	22"	Circulation, Anode
D	48"	Diameter
E	40.5"	ASME Plate
F	64"	Anode
G	106"	Anode
H	3"	Hot Out

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-48-120

Vertical Storage Tank

Submittal Data**S-48-120**

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DESIGN NOTES

Code	ASME Sec IV HLW
Design Pressure	125 psi
Test Pressure	125 psi
Heads	1/4" 414G
Shell	1/4" 516 Grade 70
Interior	Ultonium Glass
Exterior	Primed Painted
Radiograph	None
Capacity	1225 gallons / 1306 nominal
Tare Weight	12,056 lbs.
Supports	Skirt

MATERIAL SPECIFICATIONS

Heads	Carbon Steel
Shell	Carbon Steel
Couplings	Carbon Steel
Flanges	
Pipe	
Manway	Carbon Steel
Lining	Ultonium Glass

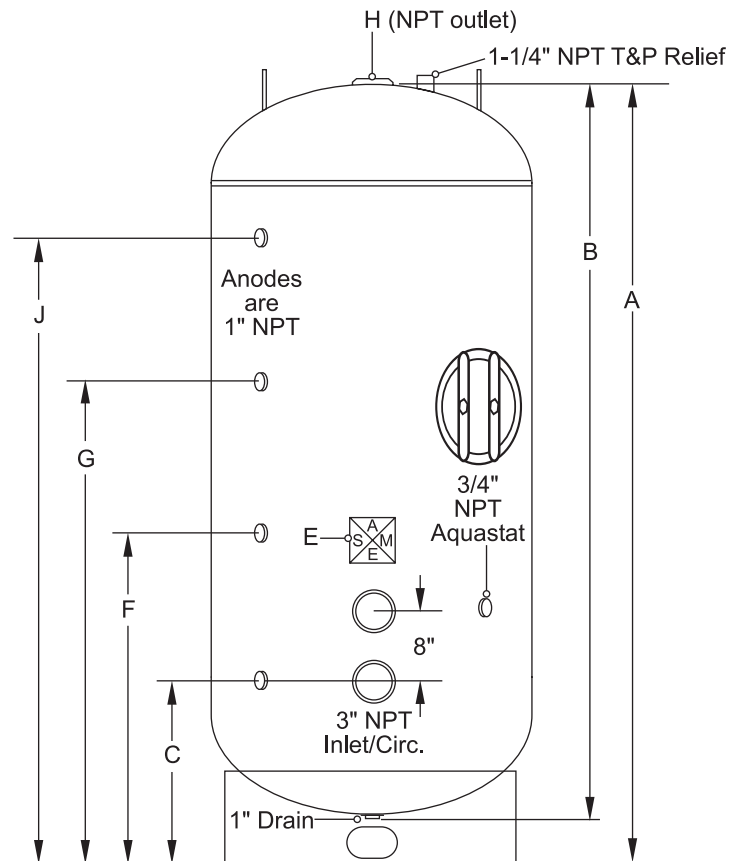
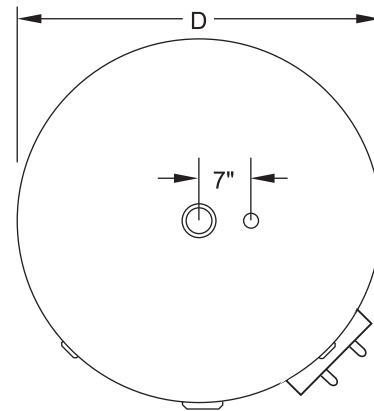
OPENINGS / HEIGHTS

MARK	DIM.	REFERENCE
A	172"	Overall Height
B	168"	Tank Height
C	22"	Circulation, Anode
D	48"	Diameter
E	40.5"	ASME Plate
F	55"	Anode
G	94"	Anode
H	3"	Hot Out
J	127"	Anode

NOTES**PROJECT**

Customer	
Scale	Not to Scale
Date	
Customer P.O. #	
Drawing Number	S-48-168

Vertical Storage Tank

Submittal Data**S-48-168**

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