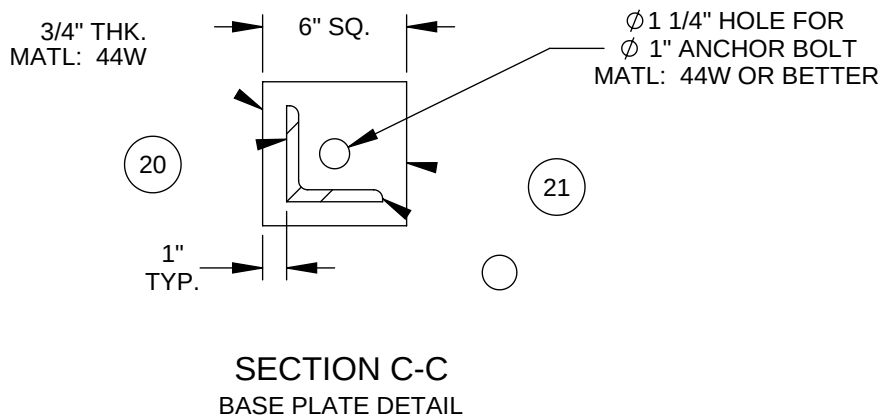
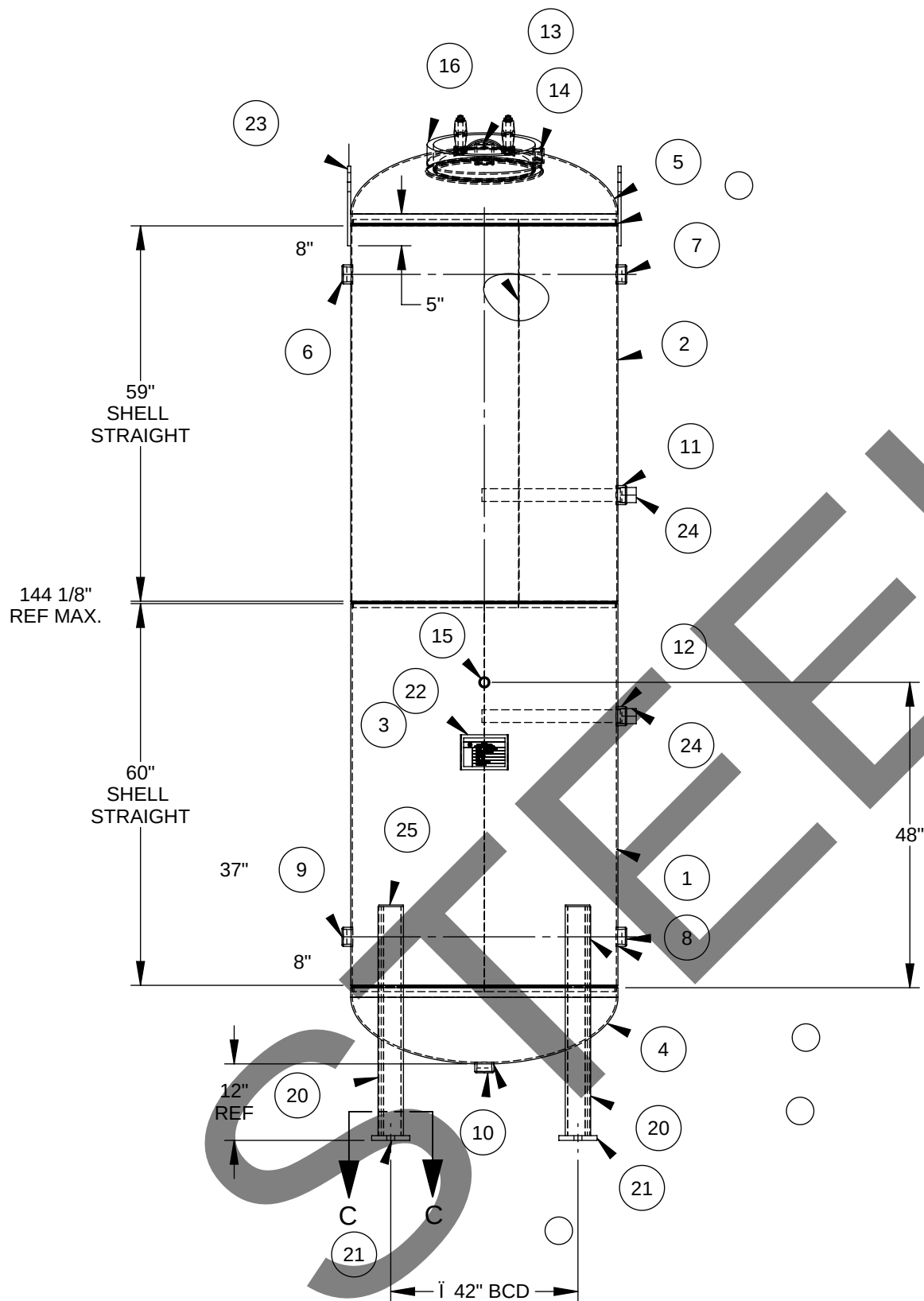
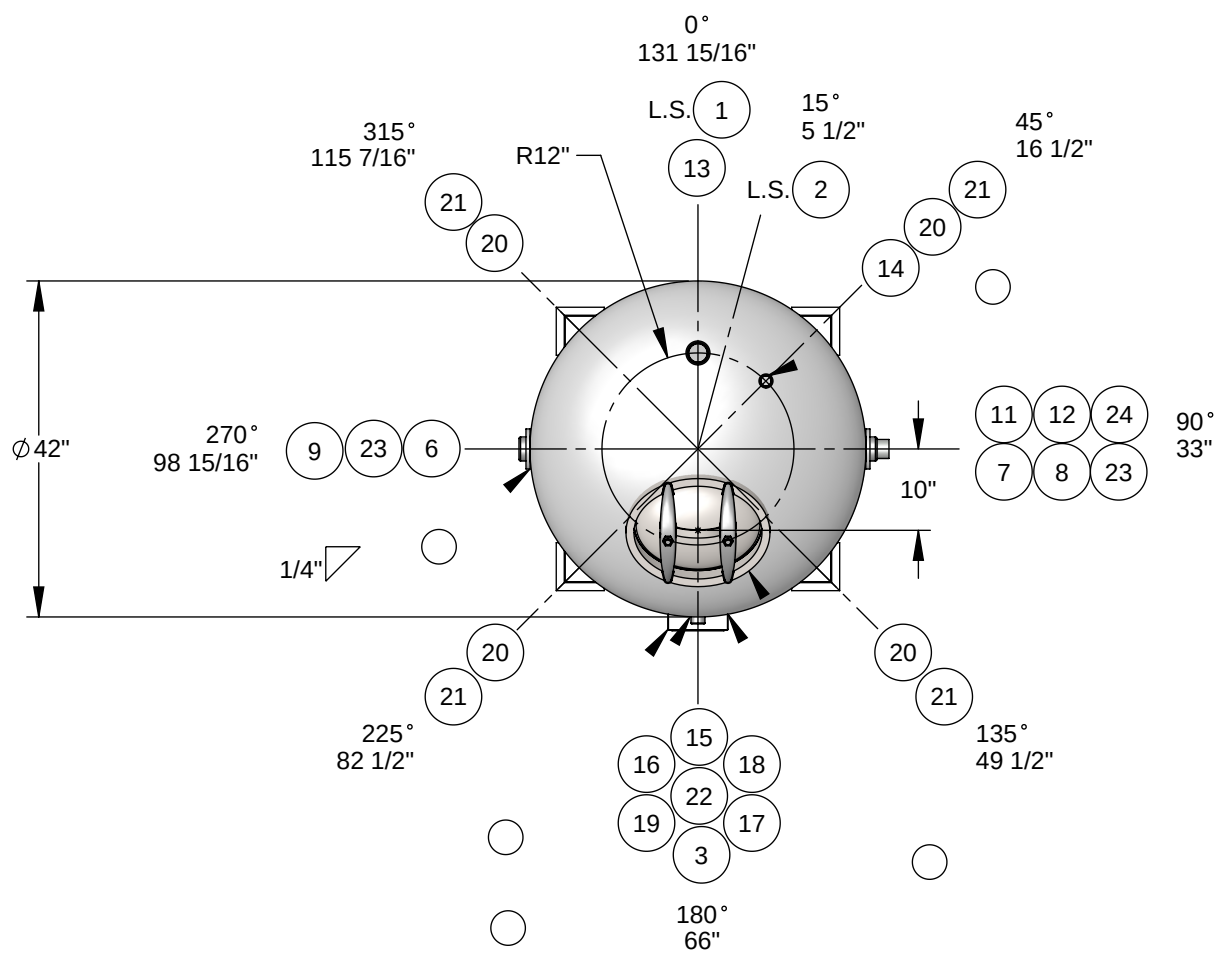


STEELCRAFT P/N: SCDHWT42X144



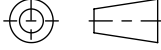
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	A43939-01	Cylinder: 42" O.D. x 60-7/8" Lg.
2	1	A43939-02	Cylinder: 42" O.D. x 60-3/4" Lg.
3	1	A43932-NP	ASME NAMEPLATE
4	1	HDSE042001FJ	Head: S.E., 42" O.D.
5	1	HDSE042001FJ	Head: S.E., 42" O.D.
6	1	CPHT200300XU	Coupling: 2" NPT
7	1	CPHT200300XU	Coupling: 2" NPT
8	1	CPHT200300XU	Coupling: 2" NPT
9	1	CPHT200300XU	Coupling: 2" NPT
10	1	CPHT200300XU	Coupling: 2" NPT
11	1	CPHT200300XU	Coupling: 2" NPT
12	1	CPHT200300XU	Coupling: 2" NPT
13	1	CPFT200300XU	Coupling: 2" NPT
14	1	CPFT100300XU	Coupling: 1" NPT
15	1	CPHT100300XU	Coupling: 1" NPT
16	1	MHCO121640UC	Manway Collar: 12" x 16" x 1" x 4" Wide
17	1	GSKO121600XY	Manway Gasket
18	1	CVRB121615XC	Manway Cover: 150#
19	2		Manway Yoke c/w Bolt & Nut
20	4	A43932-L	4" X 4" X 36" LG ANGLE
21	4	A43932-FP	6" X 6" X 3/4" Thk. FOOT PAD WITH 1" HOLE
22	1	BKPL400055XC	Nameplate Bracket
23	2	A43932-21	Lift Lug.
24	2	ANDA200220XM	Anode, 2" Screwed Magnesium
25	4	A43932-23	Leg Cap: 1/4" Thk.

Design Specifications

M.A.W.P.: 150 psi
Design Temperature: 500 °F
M.D.M.T.: 0°F @ 150 psi
Impact Testing Exempt per UG-20(f) & UCS-66
Design External Pressure: 0.0 psi
Hydrotest Pressure: 195 psi
Corrosion Allowance: 0.0 in.
Code: ASME Section VIII, Div. 1 2017
Approximate Volume: 2841 L
Approximate Weight: 2654 lbs
Material of Construction: Carbon Steel

Finish
Interior:
Line with Cement to CSA, NSF/ANSI 61 Standard, min. 5/8" thk.
Exterior:
-Primer

Construction Notes
-Bolt holes to straddle centerlines.
-This vessel is designed with superimposed static, dynamic or cyclical reactions due to equipment or mechanical loading, or pressure or thermal variations = 0 lbs.
-This vessel is designed with thermal, mechanical, cyclical, pressure or fluid shock loadings = 0 lbs.
-Round or chamfer all sharp interior corners, per UG-79(c).
-This vessel is designed to contain a non-lethal gas, vapour or a non-lethal liquid.

TOLERANCES UNLESS OTHERWISE NOTED			STEELCRAFT Engineered Products Division 487 Lorne Avenue East, PO Box 339, Stratford, Ontario N5A 6T1 P. 1.800.387.6537 F. 519.271.1092 www.steelcraftinc.com			
MACHINING .X = $\sqrt{.1}$ " .XX = $\sqrt{.02}$ " .XXX = $\sqrt{.005}$ " ANGLES $\sqrt{.5}$ A		WELD FABRICATION ≤24" = $\sqrt{.1/16}$ " >24" = $\sqrt{.1/8}$ " ANGLES = $\sqrt{.0.5}$ A				
MAX. MACHINED SURFACE ROUGHNESS 125 MICROINCHES		 3RD ANGLE PROJECTION				
THIS PRINT AND DESIGN ARE THE PROPERTY OF STEELCRAFT INC. AND MUST NOT BE USED TO ITS DETRIMENT.						
PRODUCT: 42" O.D. X 144" HIGH STD PV						
DESCRIPTION: MAIN ASSEMBLY						
COMMENTS: SEE BOM FOR MATERIALS						
DRAWN: PEK	CHK'D: PEK	SCALE: NTS	JOB No.:	DRAWING No.:	SHEET <u>1</u> OF <u>1</u>	REV. No.:
DATE: 2019-08-06	DATE: -	WEIGHT: 2,654	SCDHWT42X144	CL43939		0