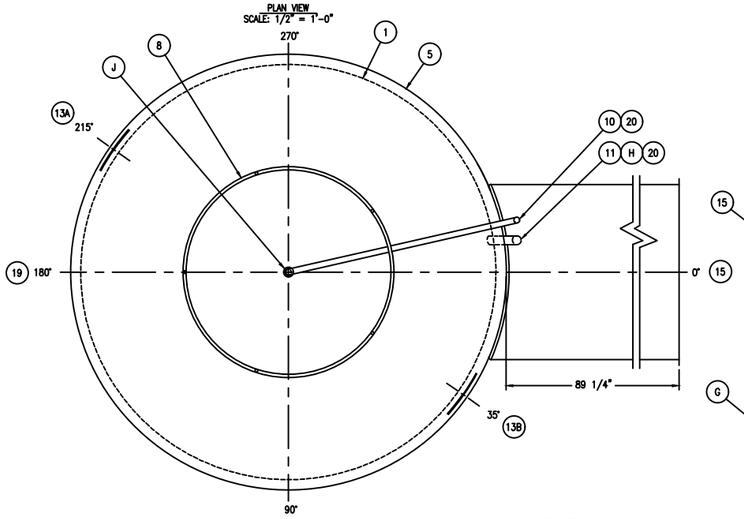
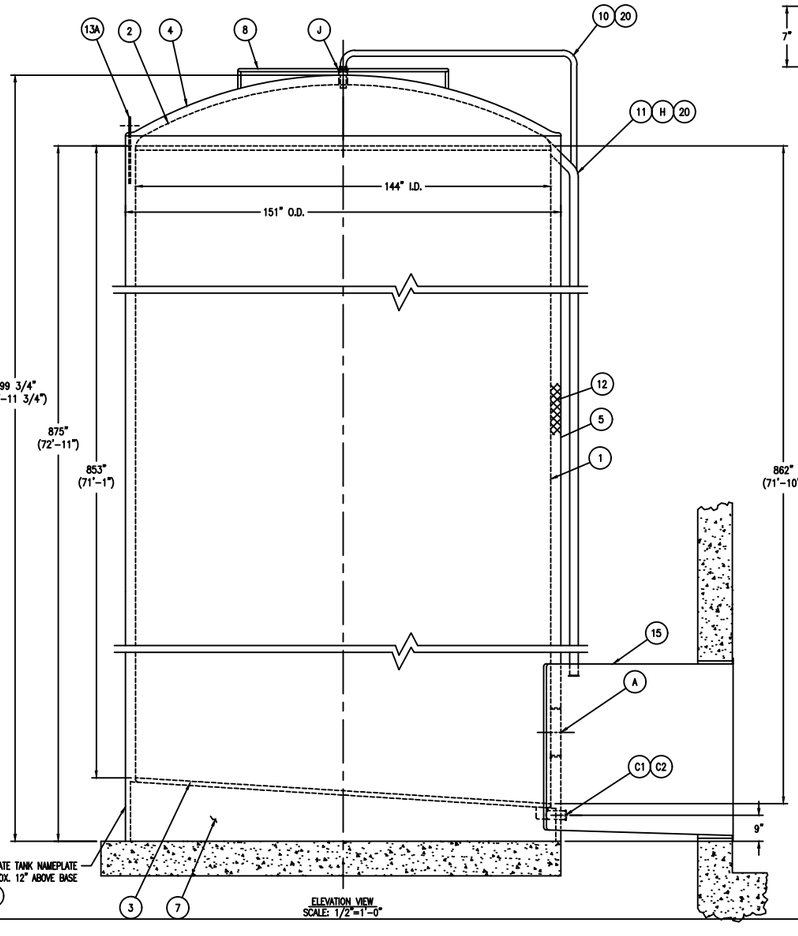
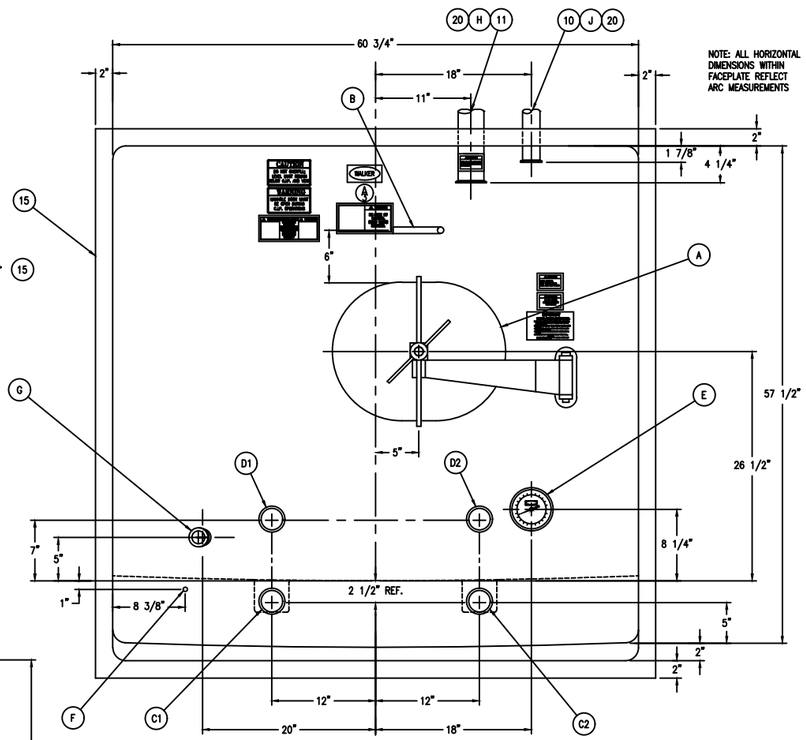






15 ALCOVE DETAIL
SCALE: 1 1/2"=1'-0"

NAMEPLATE DETAIL 19

POP RIVET (4) CORNERS

WALKER A COMPANY

NEW LISBON WI. 53950 – ELROY WI. 53929

SERIAL NO.	SPG-17959	DATE	
CAPACITY	----	MAT'L	304 S.S.
MODEL	----	DWG	SPG-17959-1-D
VESSEL	ATMOS.	PSIG MAWP AT	AMB. °F
JACKET	----	PSIG MAWP AT	---- °F
HEAT	----	PSIG MAWP AT	---- °F
COOL	----		

151" O.A. SILO TANK

FABRICATION TO BEGIN UPON RECEIPT OF APPROVED DRAWINGS. TO MAINTAIN OUR DELIVERIES, AND CUSTOMER RELATIONSHIPS, WE RESERVE THE RIGHT TO EVALUATE REQUESTED CHANGES WHICH COULD AFFECT OUR PRODUCTION SCHEDULE. THEREFORE REQUEST "NO CHANGES" WITHIN (2) WEEKS PRIOR TO SCHEDULED SHIP DATE.

WARRANTY

Walker Stainless Equipment Co. warrants new tanks or equipment manufactured by us to be free from defects in material and workmanship under normal use and service for a period of 1 year after shipment from the factory.

For breach of warranty of any kind, the measure of damages to be recoverable from Walker Stainless Equipment Co. shall be limited to repair or replacement of the part or equipment which examination discloses to be the satisfaction of seller to be defective, or the payment of the price or making such repair or replacement, at the option of the seller.

This warranty is expressly in lieu of all other warranties, expressed or implied, and all other obligations and liabilities on our part. Any warranty of merchantability is expressly excluded. We neither assume nor authorize any other persons to assume for us any liability in connection with the sale of our products, and no other warranty will be honored unless in writing and signed by an officer of the corporation. This warranty shall not apply to any product of our manufacture which has been repaired or altered outside our factory, or which in our opinion, has been subject to misuse, negligence or accident. Seller will not assume any charges for liability or responsibility for transportation to and from repair point, nor any loss of time due to repair. This warranty does not cover components of other manufacturers beyond such warranty as is made by such manufacturer.

Any action for breach of warranty shall be commenced within one (1) year of said breach or be forever barred.

All information including design details and dimensions contained hereon are confidential and proprietary and must not be reproduced, disclosed to others, or used in the production of parts shown, unless authorized in writing by Walker Stainless Equipment Company.

NOTES:

1. Dimensions, unless otherwise indicated are nominal and standard shop tolerances are to be expected. Measurements for any field attachments should be verified on site by others before fabrication of the attachments.
2. If used in contact with materials containing salt, chlorides or other corrosive materials, the corrosion resistance of this equipment is not the responsibility of Walker Stainless Equipment Company.

REV. DATE	ISSUE	REVISION DESCRIPTION	APP'D. BY
1/25/00	1	ALCOVE EXTENSION WAS 10 & 12 GA. S.S. AND 60" DEEP	RJA

SPECIAL NOTES:

1. CONCRETE BASE MUST BE FLAT AND LEVEL WITHIN 1/8". IF BASE FLATNESS IS IN EXCESS OF THIS TOLERANCE, SHIMS MAY BE REQUIRED BETWEEN TANK SUPPORT BEAMS AND CONCRETE BASE. CHECK CONCRETE BASE FOR COMPLIANCE WITH FLATNESS TOLERANCE PRIOR TO TANK ERECTION. TANK BASE AND SUPPORT BEAMS HAVE BEEN INSPECTED PRIOR TO SHIPMENT TO INSURE THAT SUPPORT BEAM CONTACT SURFACES ARE WITHIN 1/8" OF PLANE OF SUPPORT. INSPECT TANK BASE PRIOR TO ACCEPTANCE FROM DELIVERING CARRIER TO INSURE THAT THEY HAVE NOT BEEN DAMAGED IN TRANSIT.
2. ALL NOZZLES TO BE COVERED WITH PLASTIC OR PLYWOOD FOR SHIPMENT.
3. ALCOVE EXTENSION TO BE FIELD INSTALLED BY OTHERS.
4. ALL WELDS TO BE FULL PENETRATION & CONTINUOUS, UNLESS NOTED OTHERWISE.
5. MAXIMUM FILL OR EMPTY RATE 400 G.P.M.
6. EXPOSED INSIDE EDGES OF NOZZLES OR MANHOLES SHALL BE SMOOTH & CORNERS CHAMFERED OR ROUNDED.
7. CIP SOLUTION REQUIREMENTS: 90 GPM @ 20 PSI AT SPRAYHEAD.
8. WALKER STAINLESS DOES NOT RECOMMEND FILTERS OR OBSTRUCTIONS ON THE VENT LINE BASED ON POSSIBLE COLLAPSE OR DAMAGE TO TANK (VOIDS WARRANTY). ANY ATTACHMENTS WOULD BE CUSTOMER RESPONSIBILITY.
9. (1) C.I.P. DOOR FURNISHED FOR USE WITH SPG-17959 & SPG-17960.

MATERIAL SCHEDULE

ITEM	REF. DWG.	QTY.	SIZE/THICK	MATERIAL	SA #	WELD	DESCRIPTION
1	SPG-17859-2-D	1	8, 10, 12 & 13 GA.	304 S.S.			INNER SHELL
2	---	1	12 GA.	304 S.S.		H-03	INNER TOP HEAD (F&D) 5" K.R. – 1/2" S.F.
3	---	1	8 GA.	304 S.S.			BOTTOM HEAD (FLANGED ONLY) 1" K.R. – 1/2" S.F.
4	---	1	12 GA.	304 S.S.		H-01	OUTER HEAD (F&D) 1" K.R. – 1" S.F.
5	---	1	12 & 20 GA.	304 S.S.			OUTER WRAP (LAPPED STYLE)
6	---	12	5" x 6.7#	C.S.			SHELL REINFORCING RINGS (NOT SHOWN)
7	60M-144-FI	1	PER DETAIL	C.S.			SILO BOTTOM
8	---	1	3/4" SCH. 10 PIPE RAILING X 6 FT. DIA.	304 S.S.		M-03	SAFETY RAIL
9	---	A.R.	----	304 S.S.			ESCUTCHEONS
10	---	1	2", 16 GA.	304 S.S.			C.I.P. PIPING
11	---	1	3", 16 GA.	304 S.S.			VENT PIPING
12	---		3" THK.	----			TANK INSULATION (POLYSTYRENE / FIBERGLASS)
13	10478-B	2	17" X 23" 3/8" THK.	304 S.S.		L-04	LIFTING LUGS TOP (S.S. WRAP)
14	---	2	3/8" C.S.	C.S.			LIFTING LUG BOTTOM (LOCATED IN SILO BOTTOM)
15	---	1	8 & 10 GA. (57 1/2" X 60 3/4" X 89 1/4" RR)	304 S.S.		A-02	ALCOVE FACEPLATE W/ REINFORCED EXTENSION (SEE NOTE 3)
16	SPG-17859-4-C	7	PER DETAIL	304 S.S.			HOLD DOWNS-SHIPPED LOOSE (NOT SHOWN)
17	SPG-17859-3-B	1	2 – LINE STYLE	304 S.S.			C.I.P. INTERLOCK – SHIPPED LOOSE (NOT SHOWN)
18	10132	1	16" X 20"	304 S.S.			C.I.P. DOOR – SHIPPED LOOSE (NOT SHOWN)
19	---	---	----	304 S.S.			NAMEPLATE
20	10525	---	----				HEAT TAPE, INSULATION W/ WHITE PVC PROTECTIVE TUBE APPLIED TO ITEMS 10 & 11

NOZZLE SCHEDULE

ITEM	REF. DWG.	QTY	MATERIAL STUB	MATERIAL SA #	MATERIAL FLANGE	MATERIAL SA #	SIZE	RATE	WELD	DESCRIPTION
A	10085	1	304 S.S.	----		----	16" X 20"		M-01	MANHOLE WITH NEOPRENE HT-3C GASKET (NO SAMPLE VALVE)
B	----	1	304 S.S.	----		----	3/4" X 6" LG.		M-07	HAND GRIP
C	----	2	304 S.S.	----		----	3"		O-02	OUTLETS (#14 TRI-CLAMPS ON SUMP TYPE PODS)
D	----	2	304 S.S.	----		----	3"		I-01	INLETS (#14 TRI-CLAMPS)
E	1300	1	316L S.S.	----		----			W-01	THERMOMETER (5" DIAL, 20-240°F RANGE W/PROJECTILE WELL)
F	----	1	SCH. 40 304 S.S.	----		----	1/4" IPS		M-04	LEAK DETECTOR
G	----	1	316L S.S.	----		----			G-01	GAUGE (ANDERSON #71060-A003 SHELL ONLY)
H		1	16 GA. 304 S.S.	----		----	3"		V-01	AIR VENT (45° ELBOW, 3" #14 TRI-CLAMP CONN. IN ALCOVE, PIPING TO ALCOVE INCLUDED)–SEE NOTE 5 & 8
J	----	1	16 GA. 304 S.S.	----		----	2"		C-01	C.I.P. (KLENZADE SD-6 SPRAY UNIT IN TOP HEAD, 2" #14 TRI-CLAMP CONN. IN ALCOVE, PIPING TO ALCOVE INCLUDED) SEE NOTE 7

STANDARD INFORMATION:

ASME:	NO
DESIGN PRESSURE & TEMP.:	VESSEL: ATMOSPERIC @ AMBIENT JACKET: NONE
HYDRO TEST AT AMBIENT:	VESSEL: NOT APPLICABLE JACKET: NONE
CORROSION ALLOWANCE:	NONE
PASSIVATION REQ'D.:	NO
SHOP TOLERANCE:	±1/8"
RADIOGRAPH:	NO
N.D.E.:	NO
P.W.H.T.:	NO
TANK CONTENTS:	WATER
SP. GR.:	1.0
APPROX. EMPTY WEIGHT:	40,800 LBS.
FINISH:	INTERIOR: 304 S.S. SURFACES – #2B FINISH INSIDE WELDS – F-6 EXTERIOR: 304 S.S. SURFACES – 20 GA. LAPPED STYLE, #3 FINISH; TOP HEAD #2B FINISH. WELDS – F-3; WHERE APPLICABLE ALCOVE INTERIOR: 304 S.S. SURFACES – #4 SANITARY WELDS– F-6
CRATING INSTRUCTIONS:	PROVIDE WOOD SKIDS ON EXTREME ENDS OF TANK FOR SHIPPING
REFERENCE DRAWINGS:	SPG-17959-2-D INNER SHELL 10639-D BASE/WALL

NO. REQ'D. 1 SERIAL NO. SPG-17959

SPG-17959-RJA

APPROVED FOR CONSTRUCTION

BY _____ DATE _____

ROUTING	
FABRICATOR	
QUALITY CONTROL	
PARTS	
STOCK ROOM	
FILE	
SALESMAN	

WALKER A CARLISLE COMPANY

WALKER STAINLESS EQUIPMENT CO., INC.

SCALE: 1/2"=1'-0"	CHECKED BY:	DRAWN BY:	JP
DATE: 12/13/99	APPROVED BY:	REVISED:	⚠

60,000 GALLON SILO TANK

JOB: ROWLAND SALES/ANITA SPRING WATER LOUISVILLE, KY

DRAWING NUMBER: SPG-17959-1-D

NOTE! DO NOT SCALE THIS DRAWING!