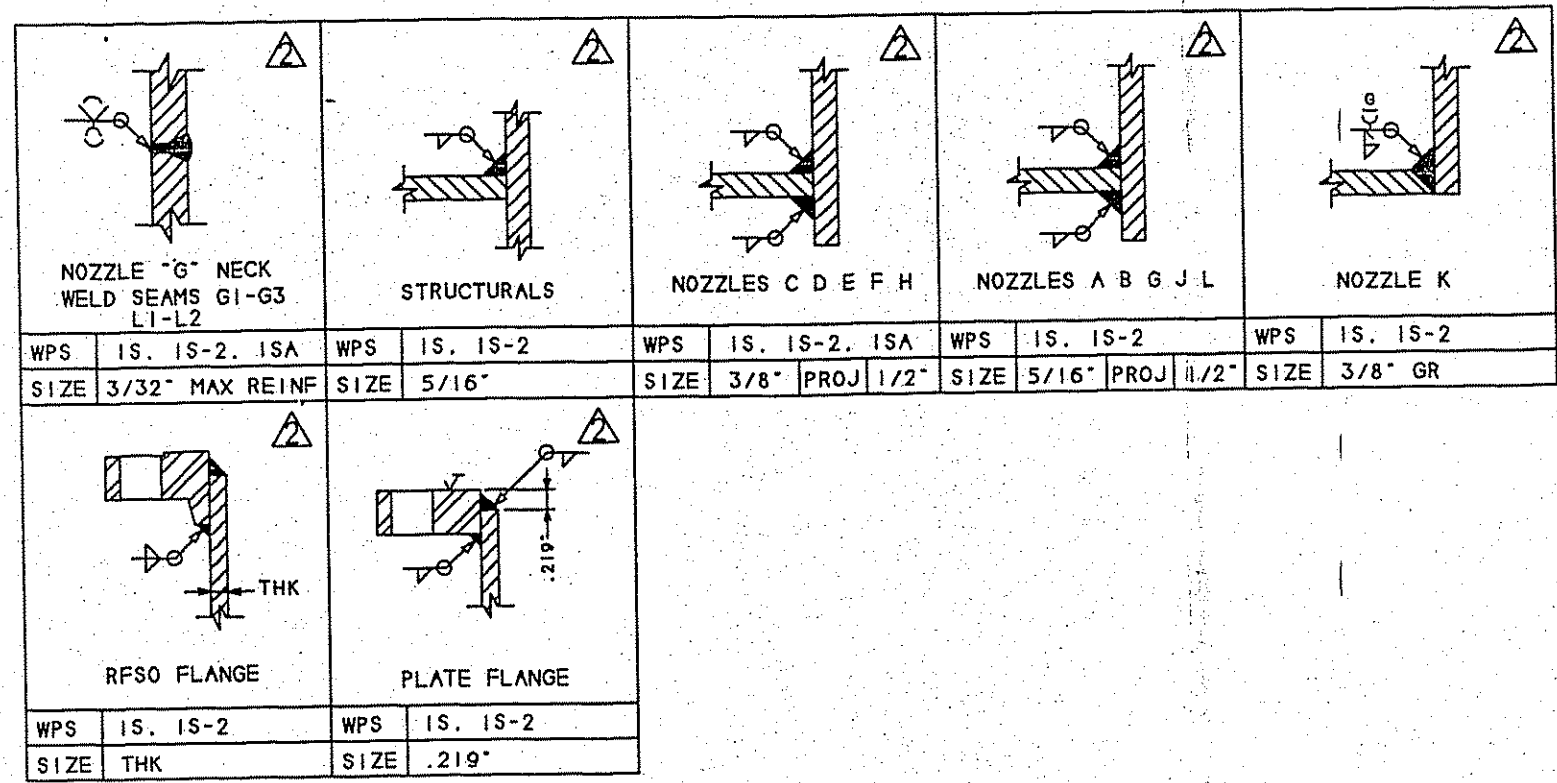


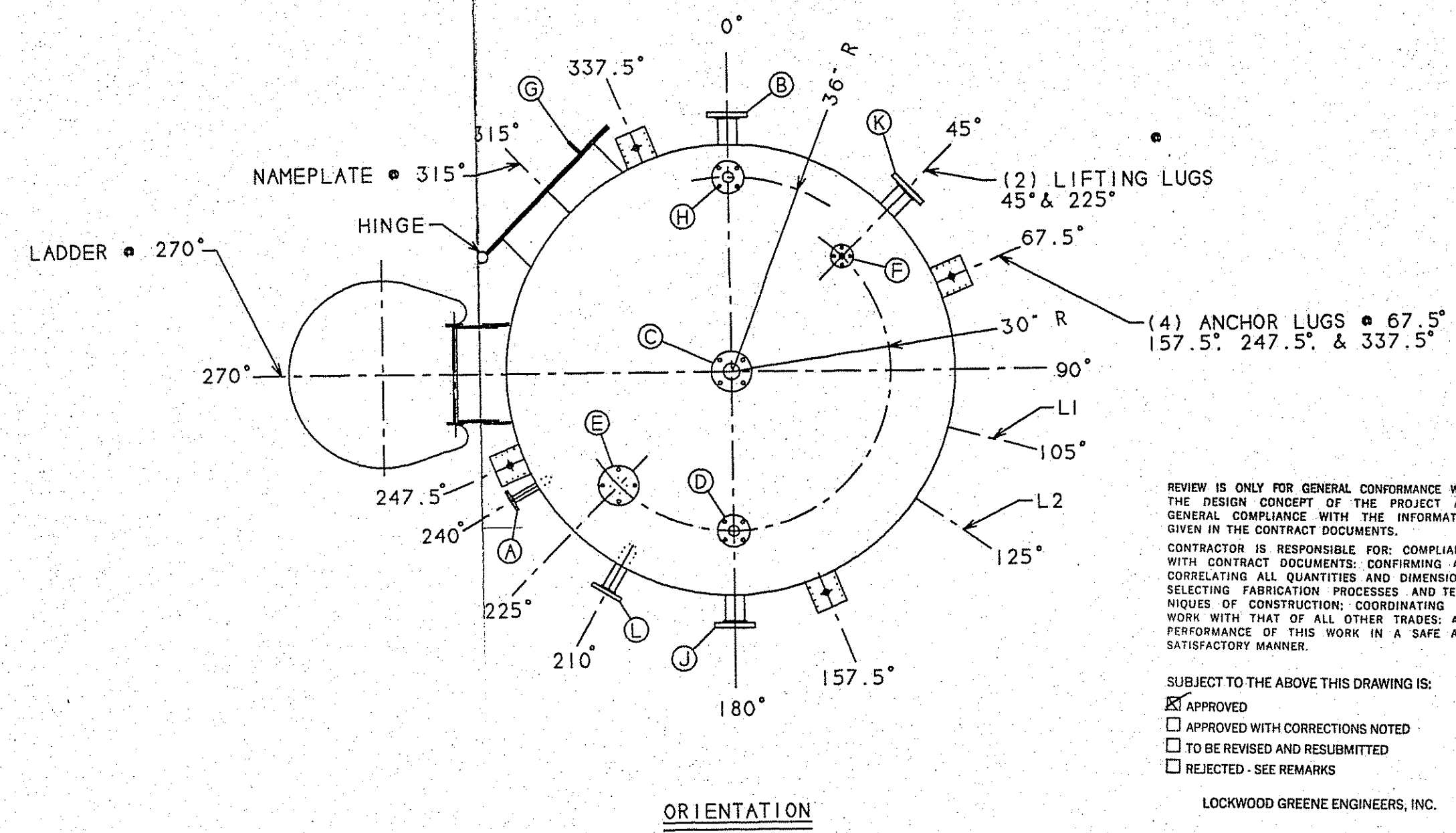
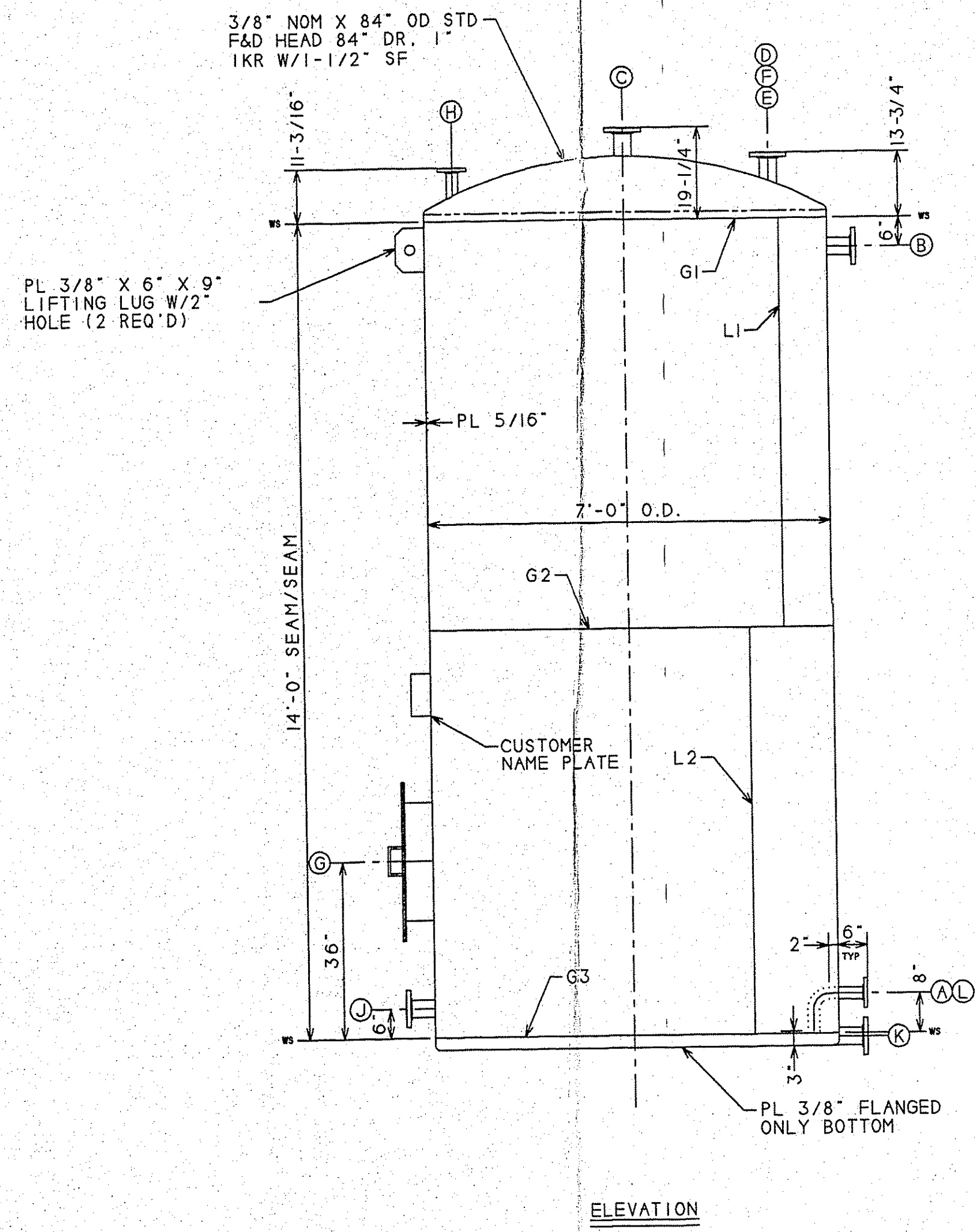
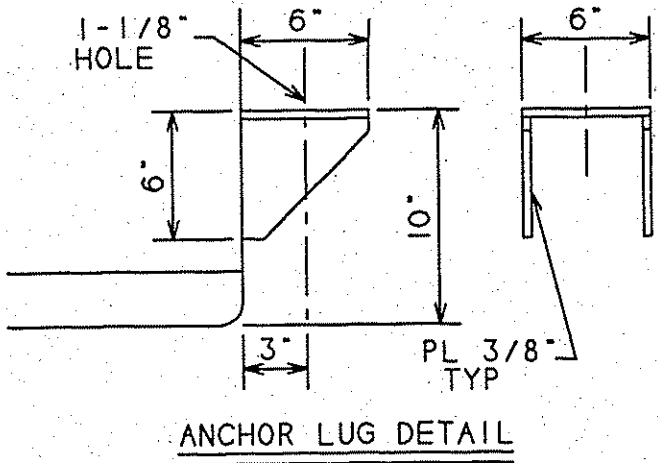
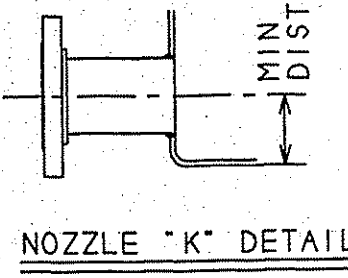


NOZZLE SCHEDULE							
ID	QTY	SIZE	RATING	TYPE	SCH	REINFORCING PAD SIZE	SERVICE
A	1	1"	150#	RFSO	160	NONE	OUTLET WITH SIPHON TUBE
B	1	3"			80		OVERFLOW
C	1	3"					VENT
D	1	2"					INLET
E	1	3"					SPARE W/BLIND FLANGE
F	1	1"			160		LEVEL GAGE
G	1	24"	ATM	API	5/16"		MANWAY W/HINGE
H	1	2"	150#	RFSO	80		LEVEL SWITCH
J	1	3"					LEVEL TRANSMITTER
K	1	3"					DRAIN
L	1	2"					OUTLET WITH SIPHON TUBE
M							

NOZZLE SCHEDULE							
ID	QTY	SIZE	RATING	TYPE	SCH	REINFORCING PAD SIZE	SERVICE
N							
P							
Q							
R							
S							
T							
U							
V							
W							
X							
Y							
Z							

SPECIFICATIONS			
DESIGN DATA	VESSEL	JACKET	COIL
DESIGN/FABRICATION CODE	API 620		
DESIGN/OPERATING PRESSURE (PSI)	40" W.C. / -40"	W.C. / ATM	
MAXIMUM ALLOWABLE WORKING PRESSURE (PSI)	---		
DESIGN/OPERATING TEMPERATURE (F°)	392/77		
MAXIMUM ALLOWABLE WORKING TEMPERATURE (F°)	---		
MINIMUM DESIGN METAL TEMPERATURE (F°)	-20		
CORROSION ALLOWANCE	1/8"		
SPECIFIC GRAVITY	1.4		
MAT'L DATA	VESSEL	JACKET	COIL
SHELLS	SA-36		
HEADS	SA-36		
NOZZLE NECKS	SA-106B SMLS		
MANHOLE NECKS	SA-36		
REINFORCING PADS			
FLANGES/STUB ENDS	SA-105		
COUPLINGS			
MANHOLE FLANGES	SA-36		
BAFFLES			
INTERNAL SUPPORTS			
BOLTING/STUDS	SA-193-B7 (HOT-DIPPED GALVANIZED)		
NUTS	SA-194-2H (HOT-DIPPED GALVANIZED)		
GASKETS	1/8" GARLOCK GYLON # 3510		
LIFTING LUGS	SA-36		
EXTERNAL SUPPORTS	SA-36		
OTHER			

NOTES: 1) FLUX CORE ARC WELDING (FCAW) IS PROHIBITED.
2) USE DOMESTIC FLANGE MATERIAL ONLY.



REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.
CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH CONTRACT DOCUMENTS; CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES AND PERFORMANCE OF THIS WORK IN A SAFE AND SATISFACTORY MANNER.
SUBJECT TO THE ABOVE THIS DRAWING IS:
☒ APPROVED
☐ APPROVED WITH CORRECTIONS NOTED
☐ TO BE REVISED AND RESUBMITTED
☐ REJECTED - SEE REMARKS
LOCKWOOD GREENE ENGINEERS, INC.
BY: CP Langston
DATE: 7/5/94

GEN'L DATA			
WELDING CODE	ASME SEC IX		
RADIOGRAPHY	SPOT		
JOINT EFFICIENCY (HD/SHL)	85%/85%		
P/W HEAT TREATMENT	N/A		
TEST PRESSURE (PSI) () AIR (X) WATER	FULL H ₂ O, 12 HR MIN. HOLD		
INTERIOR SURFACE PREPARATION	POWER TOOL CLEAN-UP		
EXTERIOR SURFACE PREPARATION	POWER TOOL CLEAN-UP		
INTERIOR SURFACE FINISH	NONE		
EXTERIOR SURFACE FINISH	NONE		
INSPECTION	(X) MANUFACTURER () ASME AI (X) CUSTOMER 10 DAY HYDRO/4 WK SHIPPING		
STAMPING	() ASME SEC VIII () NAT'L BOARD () NONE (X) OTHER: PLATE		
EMPTY WEIGHT (LBS)	~6241#	WEIGHT FULL H ₂ O (LBS)	~39819#
CAPACITY (GALLONS)	~4031		
NOTES: REINFORCING PADS HAVE A 1/8" NPT TEST HOLE. FLANGE BOLT HOLES TO STRADDLE RADIAL CENTERLINES UNLESS OTHERWISE NOTED.			

CERTIFIED CONSTRUCTION DRAWING
BY: Matthew J. Bohm DATE: 6/10/94
EVANS & SONS PROCESS TANK CO., INC.
GASTON, SC
MECHANICAL PLANNER FILE
UNITS REQ'D

PROJECT NO. 32460
LOCKWOOD GREENE ENGINEERS
RECEIVED
JUN 13 1994
FILE NO. 1542-725-22
ACK.

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FINAL DRAWING

FABRICATION TOLERANCES	
1. LENGTH, TANGENT TO TANGENT/SEAM: ±1/64" PER FOOT TO A MAXIMUM OVERALL TOLERANCE OF ±3/4"	
2. FACE OF NOZZLE FROM CENTERLINE OR DATUM LINE OF VESSEL: ±1/8". MANWAYS ±1/4"	
3. ALIGNMENT OF FACE OF NOZZLES ±1/2" IN ANY DIRECTION. MANWAYS ±1"	
4. SPECIFIED LOCATION OF ANY THREADED OR NOZZLE TYPE CONNECTION ±1/8". MANWAYS ±1/4"	
5. OUT-OF-LEVEL OF VESSEL BASES OR INTERNAL PARTS ±1/8"	

06/10	FINAL CHANGES	TT	TITLE: CAUSTIC STORAGE TANK
04/27	CUSTOMER CHANGES	SD	FOR: LOCKWOOD GREENE/SUITT CONSTRUCTION
REV	DATE	REVISION RECORD	BY
1/2"	1'-0"	DRAWING NUMBER	D-94-3039
		REV	2

#106400