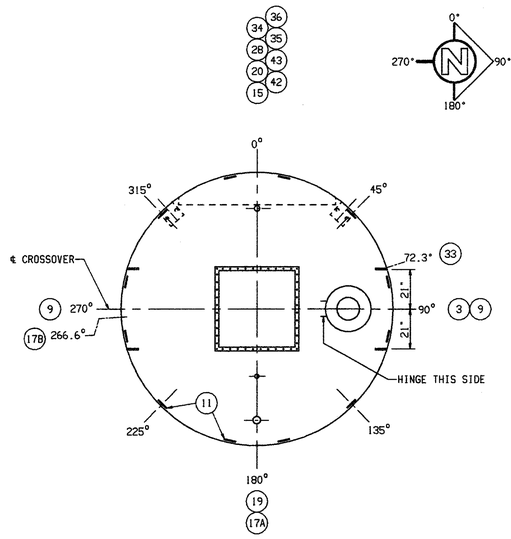
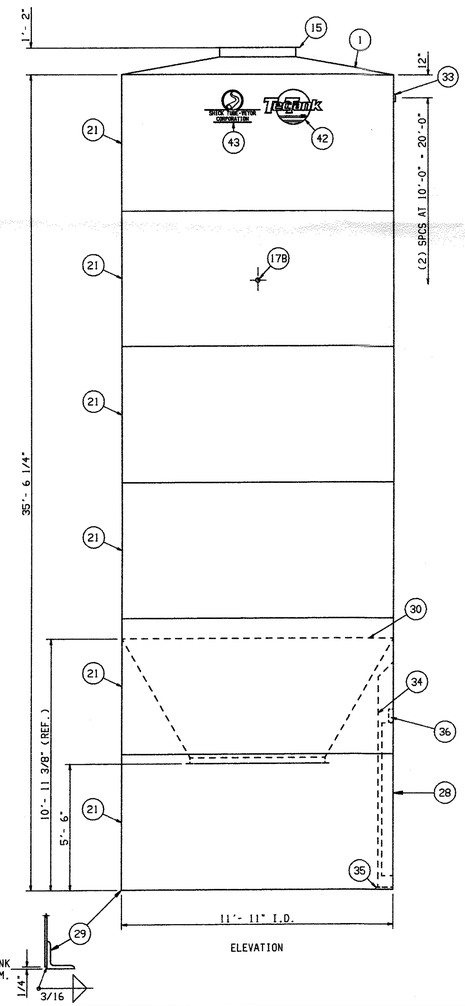
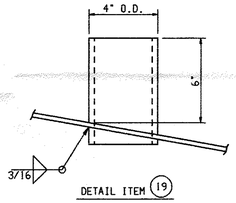


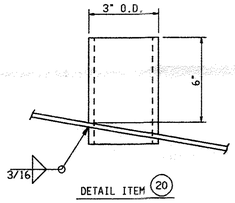
DECK PLAN



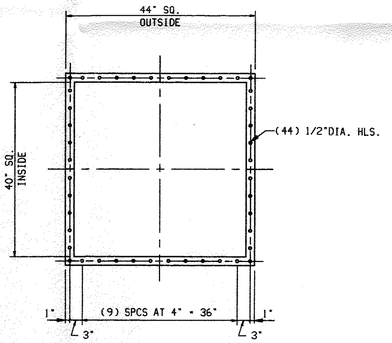
ELEVATION



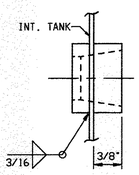
DETAIL ITEM (19)



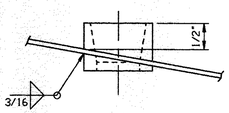
DETAIL ITEM (20)



DETAIL ITEM (15)
750# MAX LOAD



DETAIL ITEM (17B)



DETAIL ITEM (17A)

ACCESSORY ORIENTATION CHART

DESCRIPTION	ITEM	SLOPE DIM. ℄ TO EDGE OF DECK	ARC/DECK MEASURED FROM NEAREST MAJOR ℄	ARC/SHELL MEASURED FROM NEAREST MAJOR ℄	ARC TYP BOTH SIDES OF ℄	REF DEGREE	RADIUS	X	Y	SHELL NOZZLE ELEVATION FROM EAVE	SHELL NOZZLE ELEVATION FROM BOTTOM OF TANK SHELL	PROJECTION FROM EAVE
24'' MANWAY/PRV	3	24 3/8''	---	---	---	90.0	48''	48''	---	---	---	---
LIFT LUGS	9	---	56 9/16''	---	---	90/270	---	---	---	---	---	---
FILTER FLANGE	15	---	---	---	---	0.0	---	---	---	---	---	14''
1 1/4'' HALF COULPING	17A	37 3/8''	---	---	---	180.0	35 3/16''	---	-35 3/16''	---	---	---
1 1/4'' HALF COULPING	17B	---	---	4 1/4''	---	266.6	---	---	---	9'-0''	---	---
4" OD STUB	19	14''	---	---	---	180.0	58 3/16''	---	-58 3/16''	---	---	---
3" OD STUB	20	19 3/4''	---	---	---	0.0	52 9/16''	---	52 9/16''	---	---	---
DOOR	28/34/35/36	---	---	---	52 5/8''	0.0	---	---	---	---	---	---
FILL LINE MT. PADS	33	---	22 1/8''	---	14 3/4''	72.3	---	---	---	SEE ELEV.	---	---
LOGOS	42/43	---	---	---	---	0.0	---	---	---	15''	---	---

ITEM	D/S	PART NO.	QTY	DESCRIPTION	MATL GR	WT*	
1	A	60-01-1002-86	1	DECK SHEET 10GA 10DEG	A570-40KSI	629	
2							
3	-	55-55-2000-00	1	24'' MW/PRV			
4							
5							
6							
7							
8							
9	A	60-12-1002-92	4	LIFT LUG 3/4''X6''X33''	A36		
10							
11	A	60-12-8007-43	12	HANDRAIL CLIP 6HL	A36		
12							
13							
14							
15	B	60-12-1001-83	1	FILTER FLG 40'' SQ AJ25	A36	134	
16							
17	-	04-05-0324-07	2	1 1/4'' 3000# HALF CPLG CS			
18							
19	-	35-10-0070-71	1	3 1/2'' SCH10 PIPE X 7'' LG SS	A304	3	
20	-	03-12-0070-73	1	3'' TUBE .120WALL X 7'' LG SS	A269	3	
21	-	60-01-4071-00	6	RING 10GA X 71'' X 449.669'' CS	A570-40KSI	1220	
22							
23							
24							
25							
26							
27							
28	B	60-00-2000-25	1	DBL DOOR ASSY 6'-0'' X6'-8''	A36		
29	B	60-01-7000-00	1	BASE ANGLE 3''X3''X3/8''	A36	266	
30	B	88-97-3894-30	1	HOPPER 10GA 60DEG W/71'' OUTLET	A570-40KSI	1108	
31	B	10-09-0654-34	1	NAMEPLATE			
32							
33	A	60-12-5018-77	6	MOUNTING PAD 2-HL	A36		
34	A	88-97-3894-34	2	W8 X 13# DBL DOOR COLUMN CS	A36	125	
35	A	88-97-3894-35	2	DOOR COLUMN BASE PLATE CS	A36	23	
* 36	A	38-08-0101-00	1	DOOR HEADER 3/8''X 8''X 101''CS	A36	86	
37							
38							
39							
40							
41							
42	-	10-00-0000-00	1	PTT LOGO			
43	-	10-00-0000-05	1	LOGO SHICK TUBE VEYOR			
44							
45							

* ROLL TO TANK ID

SAFETY/OPERATIONAL NOTES:
1) THIS TANK IS DESIGNED FOR LOADS FROM A DRY FREE FLOWING PRODUCT OF THE INDICATED DENSITY AND FLOW PATTERN. AND IS NOT DESIGNED FOR BRIDGING OR MASS FALLING CONDITIONS.
2) DO NOT FIELD CUT ANY OPENINGS IN TANK WITHOUT WRITTEN CONSENT FROM THE ENGINEERING DEPARTMENT OF PEABODY TECTANK.
3) APPLICATION OF LOADS TO TANK FROM EQUIPMENT, OTHER THAN NOTED ON THIS DRAWING, MUST BE APPROVED IN WRITING BY PEABODY TECTANK ENGINEERING PRIOR TO INSTALLATION.
4) WIND BRACING TO BE FURNISHED BY CUSTOMER AS REQUIRED FOR EQUIPMENT ON TOP OF TANK.
5) TANK FOUNDATIONS SHALL BE LEVEL WITHIN 1/8" IN ANY 30 FT. CIRCUMFERENCE UNDER THE SHELL. LEVELNESS ON THE CIRCUMFERENCE SHALL NOT VARY MORE THAN 1/4" FROM AN ESTABLISHED PLANE.
6) CUSTOMER TO ASSURE PROPER TANK VENTILATION IS PROVIDED AND MAINTAINED.
7) IF ANCHOR BOLTS ARE NOT PROVIDED BY PEABODY TECTANK OR IF TANK IS SUPPORTED BY LOAD CELLS, PROPER ANCHORING FOR ALL WIND AND SEISMIC LOADS IS THE RESPONSIBILITY OF THE CUSTOMER.
8) THIS TANK IS DESIGNED FOR SYMMETRICAL LOADING (CENTER DISCHARGE) UNLESS DESIGNED FOR SIDE DISCHARGE. SOME DISCHARGE EQUIPMENT CONFIGURATIONS MAY CAUSE A NON-SYMETRICAL DISCHARGE PATTERN WITH CERTAIN BULK SOLIDS WHICH COULD RESULT IN STRUCTURAL DAMAGE TO THE TANK. PRECAUTIONS SHOULD BE TAKEN TO INSURE THE PRODUCT FLOWS IN A SYMMETRICAL, CENTER DISCHARGE PATTERN. PEABODY TECTANK IS NOT RESPONSIBLE FOR DAMAGE TO THE TANK AS A RESULT OF A PRODUCT FLOW PATTERN OTHER THAN THE INTENDED FLOW PATTERN.

FIELD NOTES:
1) CUSTOMER MUST ALLOW 100 FT. PLUS TANK HEIGHT CLEAR SPACE FOR UNLOADING.
2) TERRAIN MUST BE PHYSICALLY MANEUVERABLE.
3) TOUCH-UP ALL SCRATCHES WITH PROVIDED TOUCH-UP PAINT.

TANK DESIGN AND FABRICATION DATA:
1) GRIND REQUIREMENTS: INTERIOR SMOOTH.NOT FLUSH
2) OFF CENTER FILL. CENTER DISCHARGE
3) FLOW PATTERN: FUNNEL
4) PRODUCT: FLOUR
5) PRODUCT COMPACTED BULK DENSITY: 40 PCF
6) WIND LOAD PER ASCE PAPER #3269: 100 MPH
7) SEISMIC ZONE PER UBC: 0
8) DECK LIVE LOAD: 20 PSF
9) DESIGN PRESSURE: 8.0 POSITIVE OZ. PER SQ. IN.
0.5 NEGATIVE OZ. PER SQ. IN.
10) TANK VOLUME: 2870 CU. FT. (@ 25 DEG. ANGLE OF REPOSE)
11) EST. WEIGHT: 102OO LBS. (TANK EMPTY)
12) TANK IS DESIGNED FOR 100 PERCENT PERIMETER SUPPORT.
13) BLAST REQUIREMENTS: INORGANIC ZINC AND TT700+ SSPC SP10 NEAR-WHITE BLAST
ALL OTHER COATINGS SSPC SP6 COMMERCIAL BLAST UNLESS NOTED.
14) TANK COATING- INTERIOR PRODUCT ZONE: EPOXY. FDA ACCEPTED
INTERIOR SKIRT: POLYAMIDE EPOXY PRIMER
EXTERIOR: POLYAMIDE EPOXY PRIMER W/WHITE ENAMEL

15) HARDWARE: MECHANICAL GALVANIZED
16) GASKETING: EPDM
17) ALL FILLET WELDS ARE 3/16 INCH, UNLESS NOTED.
18) UNLESS NOTED OTHERWISE, HANDRAIL CLIPS ARE LOCATED ON 45,135,225 & 315 DEGREE LOCATIONS. AT MAJOR CENTERLINES AND LADDER OPENINGS, CLIPS WILL BE LOCATED 14 1/4'' EACH SIDE OF CENTERLINE TO CENTER OF 9/16''DIA HOLE IN CLIP.

REFERENCE DRAWINGS:

ANCHOR BOLT LAYOUT	B-60-00-7007-00
HOPPER OUTLET	B-88-97-3894-30
CROSSOVER ASSY 4'-0" LG.	B-61-12-8060-17
HANDRAIL ASSY	B-60-01-8100-00
MOUNTING CLIP ASSY	B-60-12-5018-76
DOUBLE DOOR FIELD NOTES	A-60-00-2000-40

SILO #1

A	12/2/97	BW	REVISE FOR RELEASE BDK 12/2/97
SYM	DATE	BY	REVISION

DRAWN BY marty 2Oct97
CHECKED BY BDK 12/2/97
APPROVED BY Steve Hall
DATE 12/2/97
SCALE NTS
SHEET 1 OF 1

SHICK TUBE-VEYOR CORPORATION
PNEUMATIC CONVEYOR SYSTEMS KANSAS CITY, MO.

TITLE 11'-11" X 35'-6 1/4" CARBON STEEL WELDED TANK
FOR LOWRY FOODS #9767
AT DALLAS,TEXAS

DRAWING NO. D-60-01-73895-00