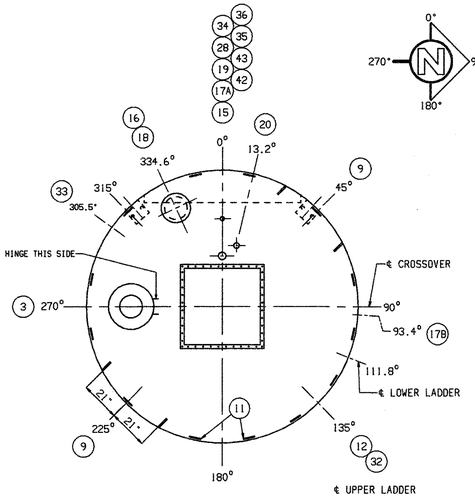
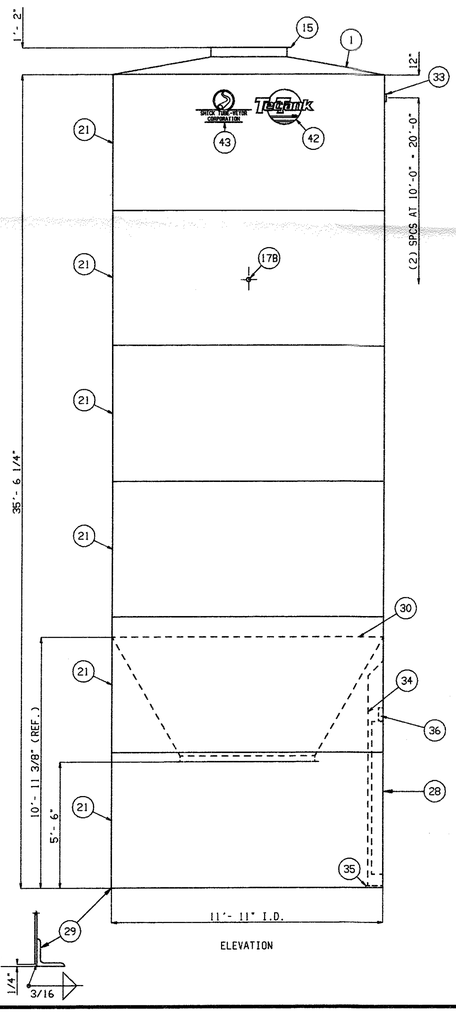



DECK PLAN

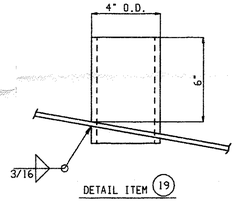



## ACCESSORY ORIENTATION CHART

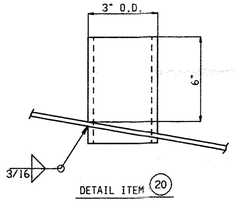
| DESCRIPTION | ITEM | SLOPE DIM. ¢ TO EDGE OF DECK | ARC/DECK MEASURED FROM NEAREST MAJOR ¢ | ARC/SHELL MEASURED FROM NEAREST MAJOR ¢ | ARC TYP BOTH SIDES OF ¢ | REF DEGREE | RADIUS | X | Y | SHELL NOZZLE ELEVATION FROM EAVE | SHELL NOZZLE ELEVATION FROM BOTTOM OF TANK SHELL | PROJECTION FROM EAVE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24'' MANWAY/PRV | 3 | 24 3/8'' | --- | --- | --- | 270.0 | 48'' | -48'' | --- | --- | --- | --- |
| LIFT LUGS | 9 | --- | 56 9/16'' | --- | --- | 45/225 | --- | --- | --- | --- | --- | --- |
| FILTER FLANGE | 15 | --- | --- | --- | --- | 0.0 | --- | --- | --- | --- | --- | 14'' |
| 1 1/4'' HALF COULPING | 17A | 26 3/8'' | --- | --- | --- | 0.0 | 46'' | --- | 46'' | --- | --- | --- |
| 1 1/4'' HALF COULPING | 17B | --- | --- | 4 1/4'' | --- | 93.4 | --- | --- | --- | 9'-0'' | --- | --- |
| TUBE SELECTOR MNT FLG | 18 | 15 3/16'' | 31 15/16'' | --- | --- | 334.6 | 57 1/16'' | -24 7/16'' | 51 9/16'' | --- | --- | 9 3/8'' |
| 4" OD STUB | 19 | 46 3/16'' | --- | --- | --- | 0.0 | 26 1/2'' | --- | 26 1/2'' | --- | --- | --- |
| 3" OD STUB | 20 | 39 13/16'' | 16 9/16'' | --- | --- | 13.2 | 32 13/16'' | 7 1/2'' | 31 15/16'' | --- | --- | --- |
| DOOR | 28/34/35/36 | --- | --- | --- | 52 5/8'' | 0.0 | --- | --- | --- | --- | --- | --- |
| LADDER ASSY | 12/32 | --- | 56 9/16'' | 56 1/4'' | --- | 135.0 | --- | --- | --- | --- | --- | --- |
| FILL LINE MT. PADS | 33 | --- | --- | 44 3/8'' | 7 11/16'' | 305.5 | --- | --- | --- | SEE ELEV. | --- | --- |
| LOGOS | 42/43 | --- | --- | --- | --- | 0.0 | --- | --- | --- | 15'' | --- | --- |



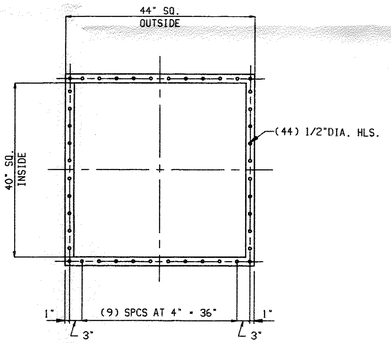

ELEVATION



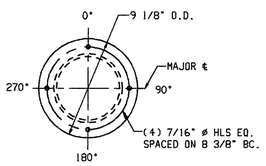

DETAIL ITEM (19)

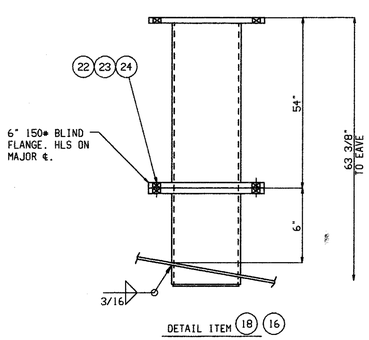



DETAIL ITEM (20)

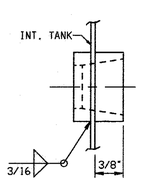



DETAIL ITEM (15)
750# MAX LOAD

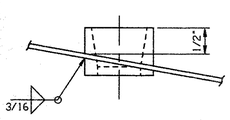



DETAIL ITEM (18) (16)




DETAIL ITEM (17B)




DETAIL ITEM (17A)

| 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 | 11 | HANDRAIL CLIP 6HL | A36 | | |
| 12 | A | 60-12-8007-81 | 2 | HANDRAIL CLIP 4HL | A36 | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | B | 60-12-1001-83 | 1 | FILTER FLG 40'' SQ AJ25 | A36 | 134 | |
| 16 | A | 88-97-3894-16 | 1 | 6'' 150# BLIND FLG NOZZ | | | |
| 17 | - | 04-05-0324-07 | 2 | 1 1/4'' 3000# HALF CPLG CS | | | |
| 18 ⚠B ** | A | 88-97-3894-18 | 1 | TUBE SELECTOR MOUNTING FLANGE | | 107 | |
| 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 | - | 99-00-0206-67 | 8 | BOLT 3/4''DIA X 2 1/4''HEX HD HDG | A325 | | |
| ** 23 | - | 99-00-0202-51 | 8 | WASHER 3/4'' DIA FLAT HDG | A325 | | |
| ** 24 | - | 99-00-0202-50 | 8 | NUT 3/4'' HDG | A325 | | |
| 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 | B | 60-99-3600-11 | 1 | LADDER PAD LAYOUT | A36 | | |
| 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 | - | 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

•• SHIPS LOOSE

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-SYMMETRICAL 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.<br>0.5 NEGATIVE OZ. PER SQ. IN. |

10) TANK VOLUME; 2870 CU. FT. (@ 25 DEG. ANGLE OF REPOSE)
11) EST. WEIGHT; 10400 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 ASSY | B-88-97-3894-30 |
| LADDER ASSY | B-60-00-3600-11 |
| HANDRAIL ASSY | B-60-01-8100-13 |
| MOUNTING CLIP ASSY | B-60-12-5018-76 |
| DOUBLE DOOR FIELD NOTES | A-60-00-2000-40 |

SILO #2

| SYM | DATE | BY | REVISION |
|---|---|---|---|
| B | 12/10/97 | drawn | REVISED ITEM #18 PART NUMBER BDK 12/10/97 |
| A | 12/1/97 | BW | REVISE FOR RELEASE BDK 12/1/97 |

DRAWN BY marty 2708197
CHECKED BY BDK 12/1/97
APPROVED BY
DATE 12/10
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-60-01-73894-00