

PRODUCT DATA SHEET

January, 2007

FRONTIER FIXED AXLE TANK

GENERAL INFORMATION

This tank has a smooth interior wall for easy cleaning.

WEIGHTS AND MEASURES

» Capacity:	500 BBL (21,000 gal.)
» Height:	11'-3" (grade to top of P/V valve)
» Width :	8'-0"
» Length:	46'-6" overall (rear of tank to end of nose guard)
» Weight:	29,000 lbs.

STRUCTURAL DESIGN

» Floor:	¼" thick ASTM A36 carbon steel, "V" bottom
» Sides/Ends:	¼" thick ASTM A36 carbon steel
» Roof Deck:	¼" thick ASTM A36 carbon steel
» Wall Frame:	ASTM A36 formed channel (on exterior side of walls)
» Roof Framing:	ASTM A36 formed channels (on exterior side of roof deck)

FEATURES

» Valves:	(2)Front & (1)Rear: 4"- wafer butterfly valve. Cast iron body, Buna-N seat & seals, 316 SS stem, Nylon 11 coated ductile iron disk, with plug and chain
» Relief Valve:	16 oz./in ² pressure setting, 0.4 oz./in ² vacuum setting; Buna-N seal
» Front Drain:	1-4" flanged connection w/ butterfly valve
» Rear Drain:	1-4" flanged connection w/ butterfly valve

FEATURES – cont.

» Top Fill Conn:	1-3" with cap
» Top Vapor Connection:	1-3" blinded flange, top rear passenger side, chained
» Top Manway:	22" diameter opening with flat lid, near stairway landing
» Front Manway:	22" diameter opening with flat lid
» Side Manway:	22" diameter opening with flat lid, passenger side
» Stairway:	Front of tank, passenger side; fold-down guardrail and handrail system, platform at top of stairs; fold-down guardrail
» Level Gauge:	Ball style, 2 - 8" S.S. floats, with indicator protruding through front of tank
» Tires:	11.00 x 22.5 Nylon tubeless
» Axles:	Round, 22,500# with automatic slack adjusters
» Brakes:	Air brake system

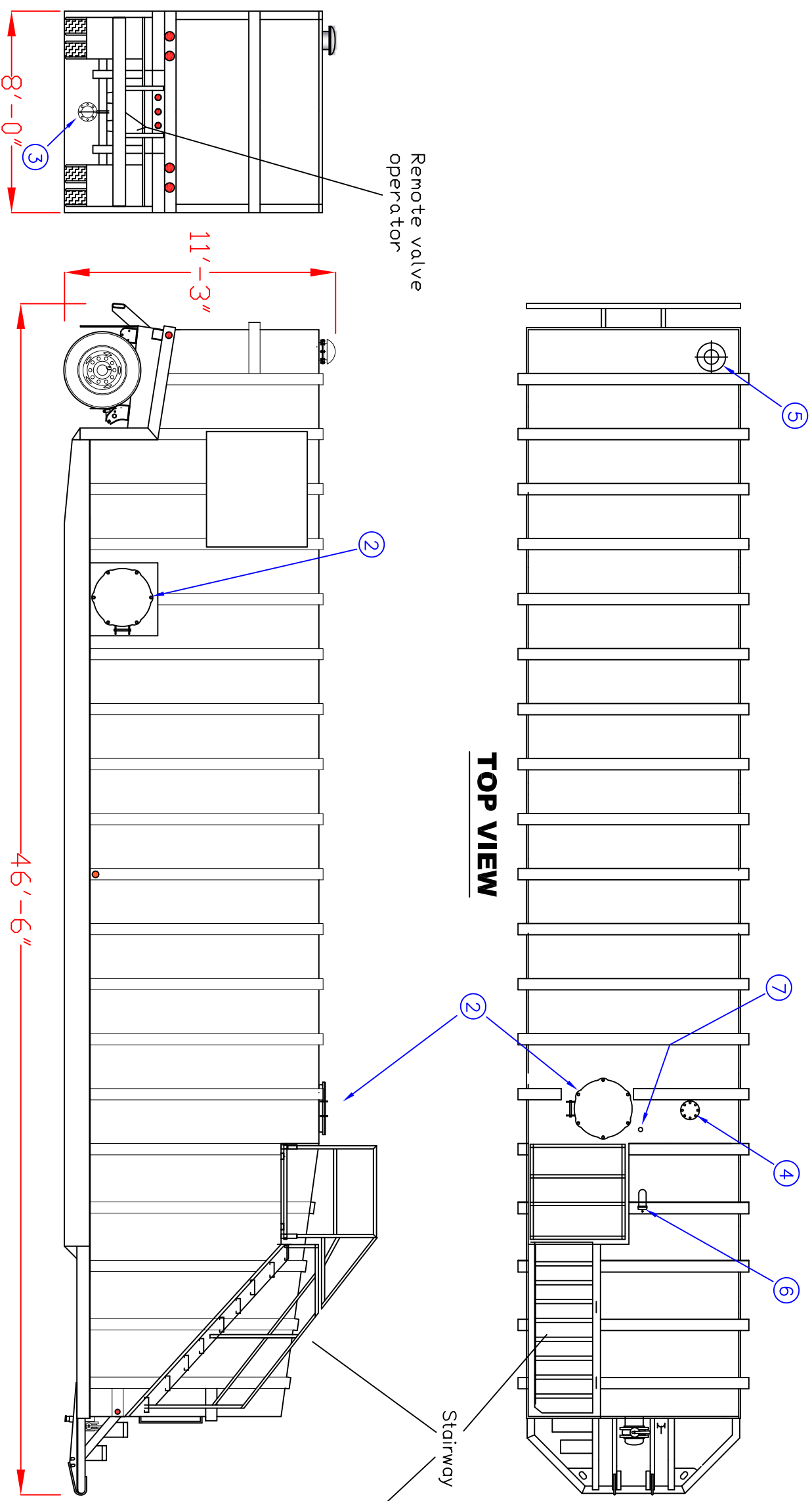
SURFACE DETAILS

» Exterior Coating:	High gloss polyurethane paint
» Interior Coating:	Chemical resistant lining
» Safety Paint:	Safety yellow – handrails, hatch covers and trip hazard surfaces

TESTS/CERTIFICATIONS

» Test Performed:	Hydrostatic water test after construction and major repairs; Level I, II and III inspections on a scheduled basis
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ITEM	QTY	DESCRIPTION
1	1	FRONT DRAIN ASSY 4"W/BUTTER FLY VALVE & NOZZLE
2	3	MANWAY 22" FLAT LID
3	1	DRAIN ASSEMBLY 4"W/BUTTER FLY VALVE & NOZZLE
4	1	4" FLANGED CONNECTION
5	1	PRESSURE / VACUUM RELIEF VALVE
6	1	3" FILL CONNECTION (capped)
7	1	1-1/2" COLLAR W/PLUG



REAR VIEW

SIDE ELEVATION VIEW

FRONT VIEW

- SPECIFICATIONS:**
- 1) Tank Capacity: 21,000 gallons (500 BBL)
 - 2) Tank Weight: 29,000 lbs. (empty)

- NOTES:**
1. This drawing is a baseline representation for this model of tank. Variations between this drawing and the actual equipment in the field can and do exist, primarily with appurtenance locations, sizes and quantities. Consult your local BakerCorp representative if specific needs exist.
 2. THIS TANK IS *NOT DESIGNED FOR TRANSPORTING LIQUIDS*. It should be moved only when empty.
 3. Tanks of this type have an internal lining (coating) on the wetted surfaces.
 4. This tank is equipped with a pressure/vacuum relief valve set at 1.0 lbs/sq. in. pressure and 0.4 oz/sq.in. vacuum.

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G							
F							
E							
D							
C							
B							
A	Revised location of ribs & side manway.	12/8/08	PJB				
REV.	DESCRIPTION	DATE	BY				

BAKER CORP. 3020 OLD RANCH PARKWAY
SEAL BEACH, CA 90740-2751

SCALE: NTS **B** ORIGINAL DWG. DATE 09FEB05

DRAWN BY: P.J.B. APPROVED BY: -- CAT/CLASS --

TITLE: FRONTIER FIXED AXLE TANK SHEET 1 OF 1

DRAWING NO. S-2-M0015-1- REV. 0