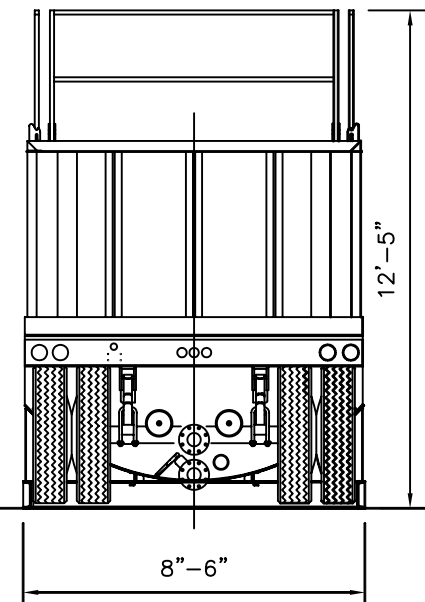
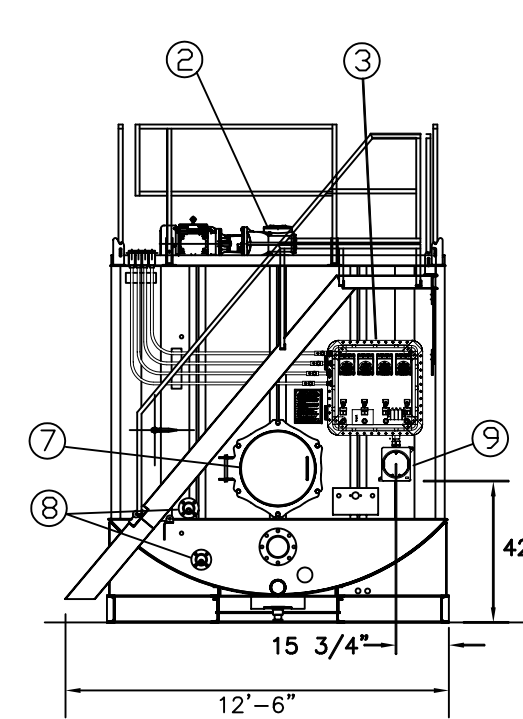
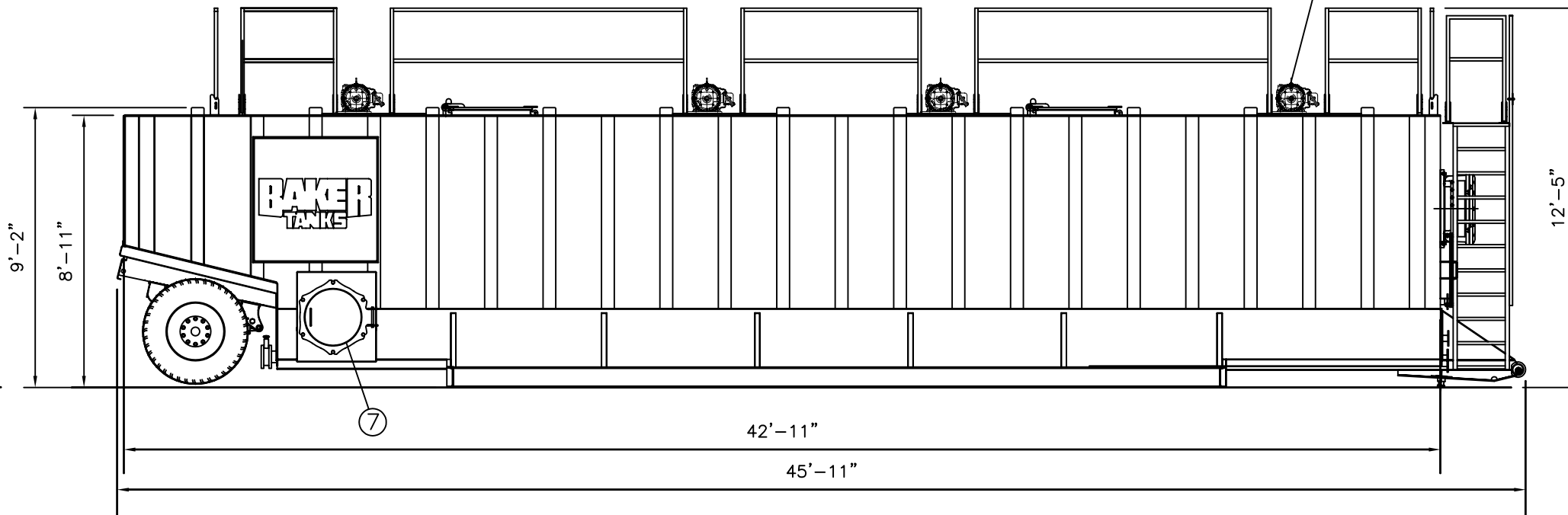


ITEM	QTY	DESCRIPTION
1	4	10 HP Electric Motor, EPFC Enclosure
2	4	1800 RPM to 70 RPM Speed Reducing Gearbox
3	1	NEC & OSHA Compliant Motor Control Panel
4	1	2" Collar w/plug (Gauging Port)
5	1	3" Fill Connection
6	2	Marine Style Access Hatch
7	2	22" Manway
8	2	3" Steam Coil Flanged Connection
9	1	Customer Power Supply Feed Connection
10	-	-



REAR VIEW



FRONT VIEW

SPECIFICATIONS

Overall Capacity: 420 BBL (17,640 gallons)
 Weight: (empty): 32,460 lbs.
 Mixer Assemblies: 4-80" long steel shafts, each fitted with two sets of mixer blades;
 upper blades have a 30-3/8" dia. rotation path, lower blades have a 41" dia. rotation path

IMPORTANT DESIGN & CUSTOMER WIRING SPECS

- THIS MIX TANK IS SUITABLE FOR CLASS I, GROUPS C & D AND CLASS II, GROUPS E, F & G LOCATIONS AS LONG AS 80% OF THE IGNITION TEMPERATURE OF THE SPECIFIC GAS, VAPOR OR DUST TO BE ENCOUNTERED IS GREATER THAN 165°C.
- ALL CUSTOMER WIRING SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPROPRIATE STANDARDS REQUIRED BY THE AUTHORITY HAVING JURISDICTION (AHJ).
- THE TANK WIRING IS DESIGNED FOR A MAXIMUM AMBIENT TEMPERATURE OF 60°C.
- THE CUSTOMER FEEDER SHALL BE 480-VOLT ±5%, 3-PHASE 3-WIRE PROTECTED WITH A MINIMUM OF A 60-AMP CIRCUIT BREAKER AND A MAXIMUM OF A 100-AMP CIRCUIT BREAKER.
- THE CUSTOMER SHALL SUPPLY A GROUND IN ACCORDANCE WITH THE NEC, ARTICLE 250.

- THE CUSTOMER FEEDER SHALL BE SIZED FOR AT LEAST 60-AMPS AT THE APPROPRIATE AMBIENT TEMPERATURE AND SHALL BE RATED AT 600-VOLTS.
- THE CUSTOMER FEEDER CONNECTION POINT CAN ACCOMMODATE A MAXIMUM OF A #2 AWG THWN COPPER FEEDER AND A 1 1/4" CONDUIT.
- THE CUSTOMER SHALL BE RESPONSIBLE FOR COORDINATING THE FEEDER CIRCUIT BREAKER WITH THE MOTOR CIRCUIT BREAKERS.
- THE MAXIMUM AVAILABLE FAULT CURRENT FROM THE CUSTOMER SHALL NOT EXCEED 18,000-AMPS.
- THE CUSTOMER SHALL BE RESPONSIBLE FOR VERIFYING THE PROPER PHASING SO MIX SHAFT ROTATION CAUSES DOWNWARD FLOW OF PRODUCT.

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G				SCALE:	SIZE	ORIGINAL DWG. DATE	
F				To Scale	B	30MAY03	
E				DRAWN BY:	APPROVED BY:	CAT/CLASS	
D				P.J.B.	-	180-8450	
C				TITLE			SHEET
B	Added dimensions, Decal DCLMIX3 & wiring specs	7/6/06	P.J.B.	WADE FIXED AXLE MIX TANK			1 OF 1
A	Finished electrical system and lineweights	7/12/05	Z.E.R.	DRAWING NO.			REV.
REV.	DESCRIPTION	DATE	BY	S-2-M0012-1-			B