

- A. REFERENCE CIVIL DRAWINGS FOR GRADE ELEVATIONS.
- B. ALL TEST PORT FITTINGS TO BE ROTATED 45° FROM THE BOTTOM OF THE SUMP.
- C. FUELING CONTRACTOR IS TO PROVIDE AND INSTALL BRAVO FITTINGS ALONG WITH THE REQUIRED EPOXY KITS FOR ALL ELECTRICAL CONDUITS PENETRATING THE SUMPS. ALL ELECTRICAL CONDUITS THAT ENTER TANK SUMPS MUST BE RIGID ROBO ROY COATED CONDUITS.

BRAVO FITTINGS FOR 1" CONDUITS
(F-10R-F)

BRAVO FITTINGS FOR 3/4" CONDUITS
(F-07R-F)



Buc-ee's Benton, LLC.
Saline County, AR

BUC-EE'S TRAVEL CENTER
BENTON, ARKANSAS

74K-L-2024-Q2

INTERSTATE 30 & STATE HIGHWAY 229
BENTON, ARKANSAS 72019

CORE STATES

ISSUE/REVISION LOG:		
No.	DESCRIPTION	DATE
R3	OWNER CHANGES	04/23/2023

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13208
DAVID A. STIFFER
11-1-2005

FS3.00

BENTON, ARKANSAS

3. RUN THE SUBMERSIBLE WITH DISPENSER NOZZLES CLOSED AND VALVE "A" CLOSED, VALVE "B" OPEN. WHEN THE VACUUM READING REACHES 15"-28", SHUT THE PUMP OFF AND WAIT TWO MINUTES. IF THE READING DROPS TO ZERO, THE DISCHARGE CHECK VALVE IS LEAKING. REMOVE AND CLEAN OR REPLACE. (NOTE: SIPHON CHECK VALVES MAY LEAK AT HIGH VACUUMS, BUT LEAK UNDER LOW VACUUMS. TEST THE SIPHON CHECK VALVE AT A LOWER VACUUM BY BLUING THE VACUUM TO ABOUT 5" Hg AND REPEAT THE TEST)
4. RUN THE SUBMERSIBLE WITH BOTH VALVES "A" AND "B" OPEN AND THE DISPENSER NOZZLES CLOSED FOR APPROXIMATELY 5-10 MINUTES. CLOSE VALVE "A" AND SHUT THE PUMP OFF. PUMP OFF FOR 10 MINUTES. THERE IS A LEAK IN THE EQUALIZATION LINE BETWEEN THE TANKS ABOVE THE LEVEL OF THE PRODUCT. REPAIR LEAKS AND REPEAT.
5. BOTH VALVES SHOULD BE IN THE "OPEN" POSITION DURING NORMAL OPERATIONS OF THE SYSTEM
6. WRITTEN VERIFICATION OF THE TESTING FOR EQUALIZATION SHALL BE SIGNED BY THE GENERAL CONTRACTOR AND TANK INSPECTOR. ALL VERIFICATION MUST BE PROVIDED TO THE OWNER AS PART OF THE CLOSE OUT DOCUMENTS

MINIMUM 4'-0" STRAIGHT
PIPING RUN PRIOR TO FIRST
CHANGE OF DIRECTION
FITTING

SECTION

SECTION

1 (2) RF 4HP STPs W/ SIPHON SUMP DETAIL