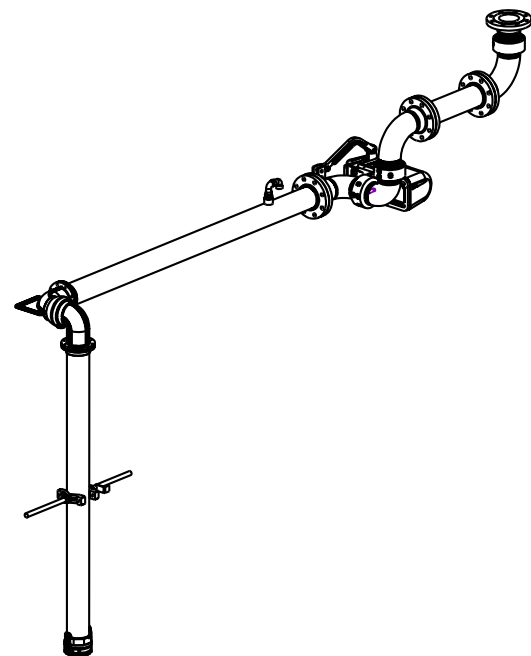
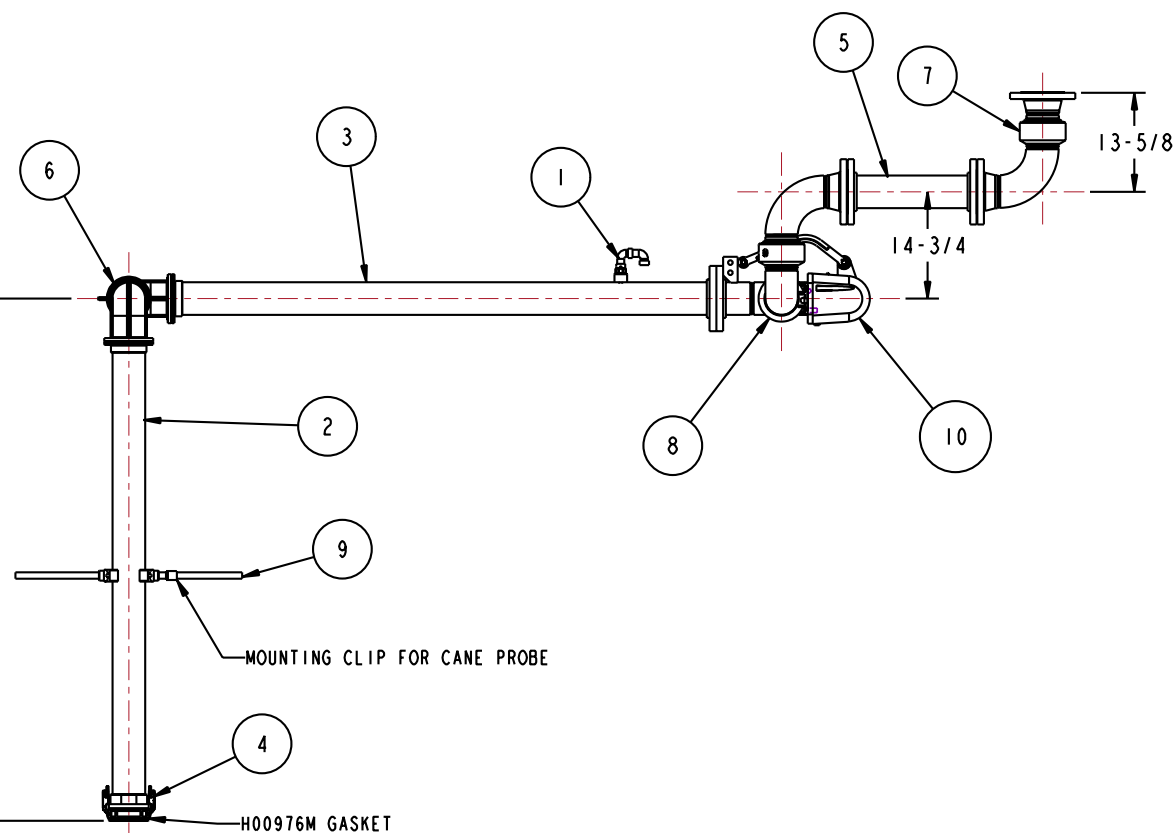
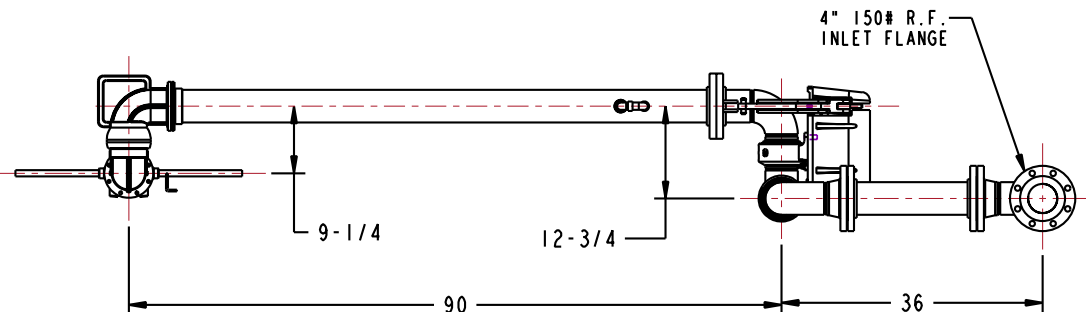


MATERIALS OF CONSTRUCTION	316L STAINLESS STEEL AND ALUMINUM
SWIVEL JOINT SEALS	VITON GFLT
SWIVEL LUBE	FDA (FOOD GRADE) PER H30907PA
PRODUCT	ALCOHOL & ETHANOL
ESTIMATED WEIGHT	350 LBS
MOMENT LOAD AT SPRING	5450 IN-LBS
MOMENT LOAD AT INLET	14,700 IN-LBS
FLANGE GASKETS	KLINGER SIL C5400
TEST PRESSURE	90 PSI
PRODUCT RETENTION	NO
ITEMS/WEIGHT BY OTHERS	NONE

10	I	EA	790A-0020	EZ ADJUST TORSION SPRING BALANCE
9	I	EA	HX95721	ADJUSTABLE STOP BAR, ALUM
8	I	EA	3976FSBLD-0402-LT	4" SWIVEL, SST
7	I	EA	3930FL-G164	4" SWIVEL, SST
6	I	EA	3640FT-0402-LT	4" SWIVEL, ALUM
5	I	EA	N/A	4" SST PIPE SPOOL
4	I	EA	733DL-40SB	4" SST AUTOLOK COUPLER
3	I	EA	N/A	4" ALUM PIPE SPOOL
2	I	EA	N/A	4" ALUM DROP PIPE SPOOL
1	I	EA	489-0060	1" SST VACUUM BREAKER
ITEM	QTY	UM	PART NUMBER	DESCRIPTION

THIS DRAWING IS NOT TO BE SCALED. FOR ADDITIONAL INFORMATION, PLEASE CONTACT OUR ENGINEERING DEPT.

REVISIONS				
LTR	ECN #	DESCRIPTION	DRAWN	APPROVED
-	-	-	-	-



CONFIDENTIAL THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO OPW, AND SHOULD BE PROTECTED ACCORDINGLY.

UNLESS OTHERWISE SPECIFIED
TOLERANCES ON DIMENSIONS
3 DECIMALS +/- 0.005
2 DECIMALS +/- 0.015
1 DECIMAL +/- 0.030
ANGLES +/- 1/2 DEG
MACHINED SURFACES 125 RMS MAX

SIGNATURES
DRAWN: BJB
CHECKED: -
MATERIAL: -
MO-DA-YR
10/21/08
SIZE: D
WEIGHT: -

DESCRIPTION: 4" LOADING ARM, DOWN FEED RIGHT HAND

REV: -
PART NUMBER: GT33F-G949
SCALE: 0.080

OPW Engineered Systems
A BOWEN Resources Company
Lebanon, Ohio 45036 USA
3D GENERATED DRAWING

SHEET 1 OF 2