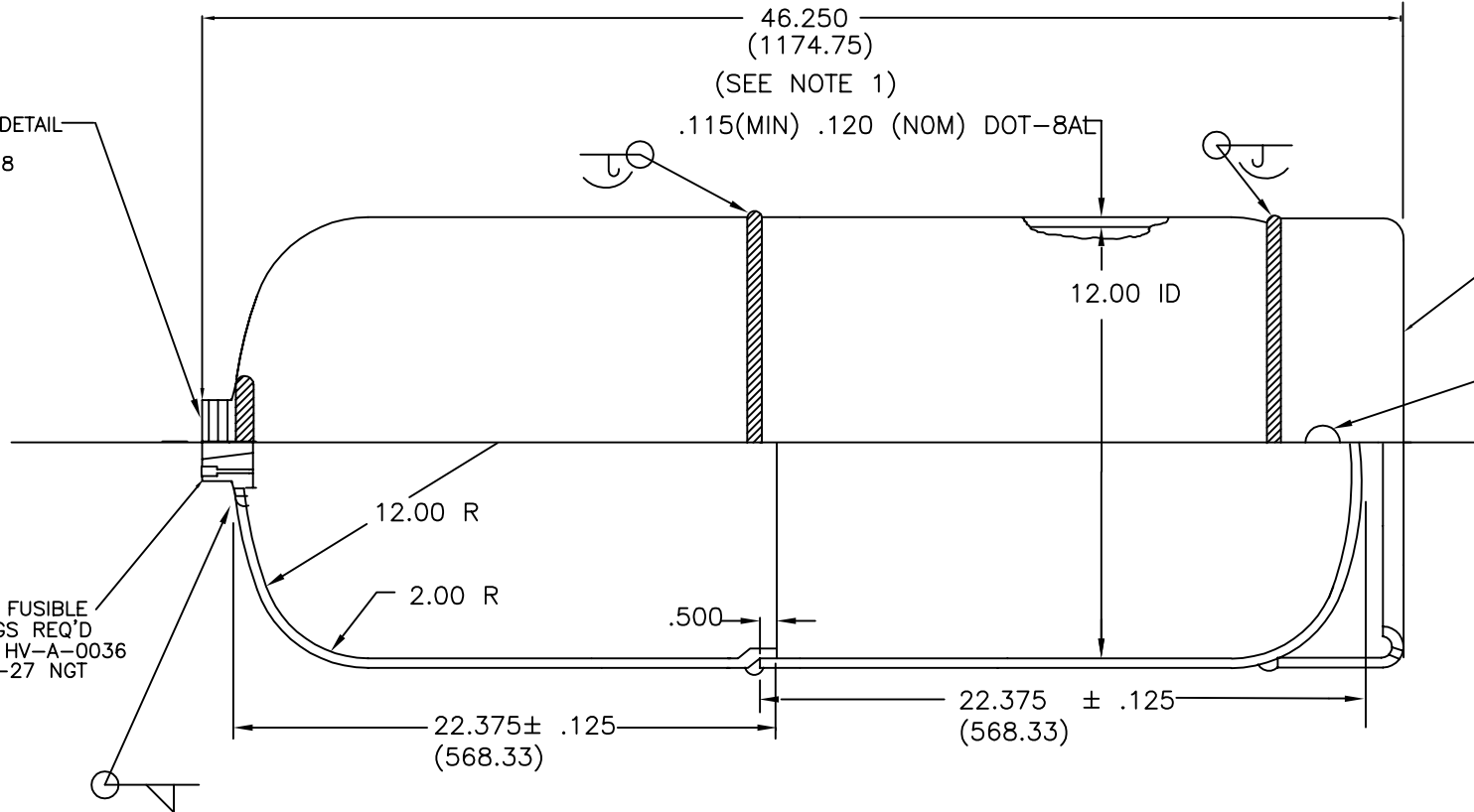


FLANGE - FOR DETAIL
SEE HV-A-0081
MATERIAL: C 1018

TWO FUSIBLE
PLUGS REQ'D
SEE HV-A-0036
1/8-27 NGT

FOOTRING - FOR DETAIL
SEE HV-A-0013
MATERIAL: C 1010 CQ

1/2 DIA (2) PLS.
180 DEG APART



SPECIFICATIONS

	DOT-8AL
CYL WATER CAP (MIN)	168.5 LBS 4680 CUIN
(MAX)	172.5 LBS 4790 CUIN
CYL SHELL WT (AVE)	80.0 LBS
WORKING PRESSURE	250 PSI
TEST PRESSURE	500 - 600 PSI
HYDROTEST PRESSURE	750 PSI
AVG. YIELD STRENGTH	50000 PSI
MIN. TENSILE STRENGTH	68202 PSI
MAX CYL WALL STRESS	35000 PSI
ACT. CYL WALL STRESS	34101 PSI
MATERIAL	MOD 1015


NOTES:

1. THIS DIMENSION IS APPROXIMATE, CONTROL PARAMETER IS WATER CAPACITY.
2. ALL DIMENSIONS AND SPECIFICATIONS ARE NOMINAL UNLESS OTHERWISE SPECIFIED.
3. VALVE HAS BEEN OMITTED FOR CLARITY.
4. UNITS ARE INCHES.

CONFIDENTIAL
DO NOT DUPLICATE

NON-CONTROLLED DOCUMENT
QA/PC DEPARTMENT
REFERENCE ONLY

REV	DESCRIPTION	BY	DATE
3	REV. OVERALL LENGTH	DLH	1/26/12
2	REV. LOGO	DLH	8/31/10

UNITS INCHES (mm)		HUNTSVILLE FACILITY 521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA	
TOLERANCES (EXCEPT NOTED)		DECIMAL ± .01	TITLE W-450 TWO-PIECE ACETYLENE CYLINDER
SCALE NONE	ANGULAR ± 1 DEG	DATE 4/24/00	DRAWING NUMBER HV-C-1450

DRWN. D. HARRIS
CHKD. DLH 1/26/12
APPD. FW 1/26/12
SCALE NONE