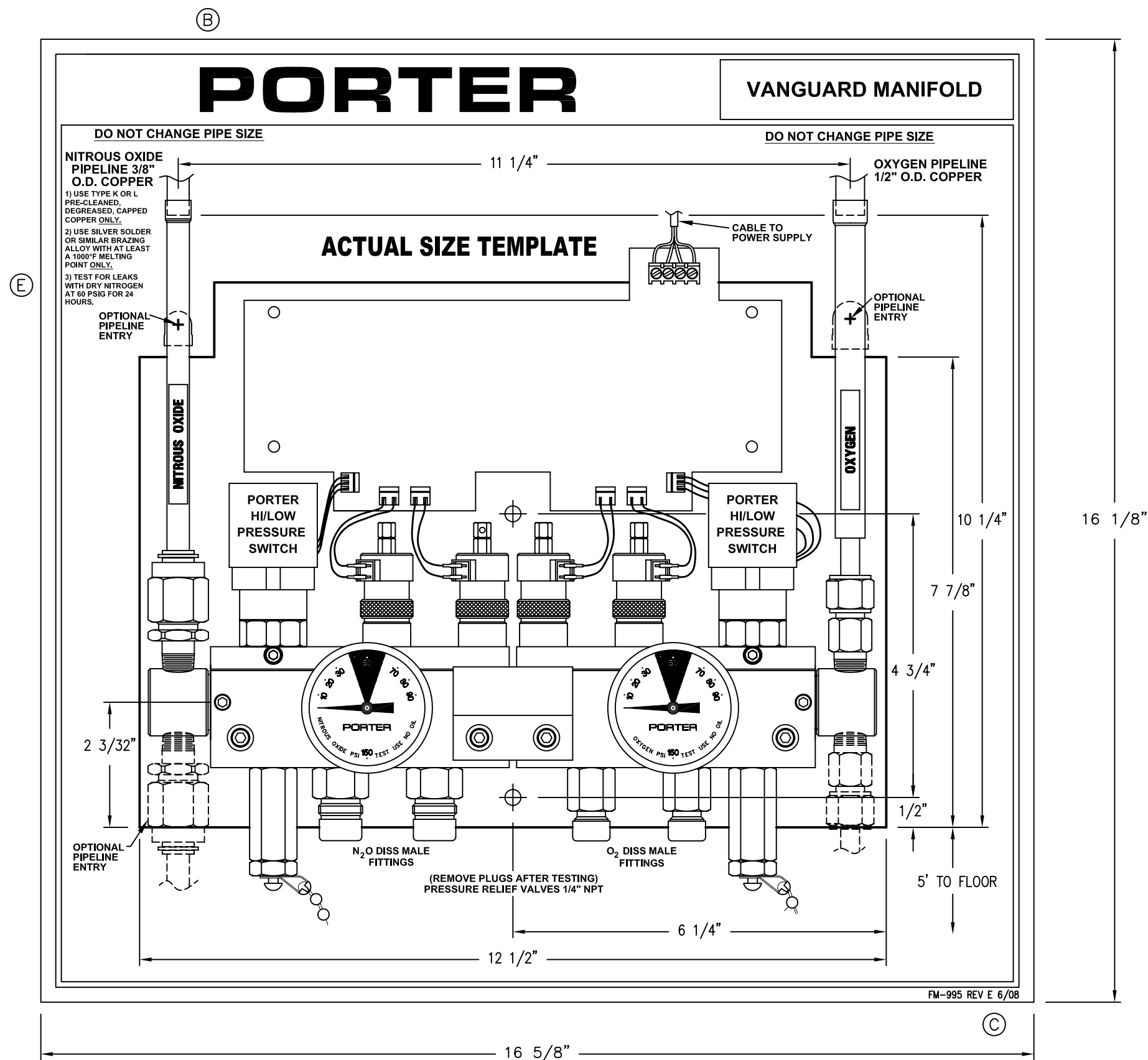


TEMPLATE FOR VANGUARD MANIFOLDS



NOTES:

1. PORTER TO SUPPLY CAMERA READY ARTWORK.

REV	EC NO.	DESCRIPTION	NAME	DATE	APPVD
E	08-0315	CHANGED 150 PSI TO 60 PSIG		JUNE 19, 2008	
D	06-0256	CORRECTED SCALE OF ARTWORK. 1-1 WAS 2-1.	M.MALLOY	MAY 8, 2006	WHK TGT
C	06-0190	UPDATE REV. & DATE ON LOWER RIGHT HAND CORNER OF THE TEMPLATE.	M.MALLOY	APR. 7, 2006	WHK TGT
B	06-0185	UPDATED PORTER LOGO	M.MALLOY	APR. 5, 2006	WHK TGT
A	03-0369	REMOVED 5 1/4" DIMENSION, ADDED 4 3/4" DIMENSION.	JCC	JUNE 10, 2003	KKS ALE
O	03-0321	RELEASE FOR PRODUCTION	JCC	MAY 20, 2003	KKS TGT

REVISIONS

TOLERANCE SPECIFICATIONS UNLESS OTHERWISE NOTED:

1. DECIMAL .XXX±.005
2. DECIMAL .XX±.02
3. ANGLES±2°
4. ALL DIA CONCENTRIC WITHIN .005 T.I.R.
5. 63 RMS FINISH ALL SURFACES
6. BREAK ALL CORNERS .005 X 45°
7. ALL INSIDE CORNERS .005 X R.
8. REMOVE ALL BURRS & SHARP EDGES

PORTER

Parker Hannifin Corporation
Porter Instrument Division
245 Township Line Rd, PO Box 907
Hatfield, PA 19440-0907, USA

MOUNTING TEMPLATE, VANGUARD MANIFOLD

DATE	FILENAME:	NUMBER	REV
MAY 20, 2003	0118060E	FM-995	E
DR. J.CROUSE			
CH. KKS			
APP. TGT	SCALE 1=2	SH 1 OF 1	

PORTER

VANGUARD MANIFOLD

DO NOT CHANGE PIPE SIZE

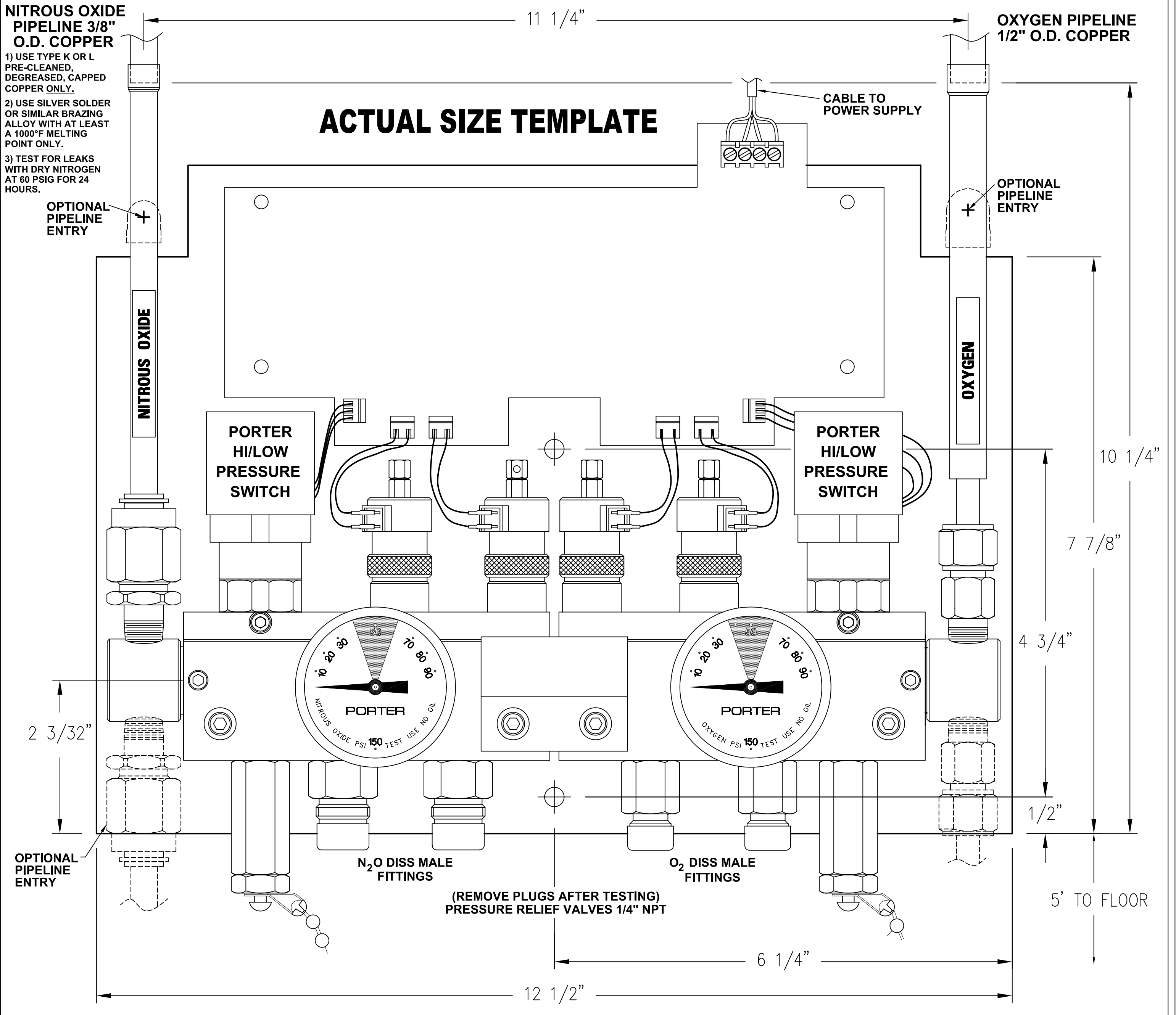
DO NOT CHANGE PIPE SIZE

NITROUS OXIDE PIPELINE 3/8" O.D. COPPER

- 1) USE TYPE K OR L PRE-CLEANED, DEGREASED, CAPPED COPPER ONLY.
- 2) USE SILVER SOLDER OR SIMILAR BRAZING ALLOY WITH AT LEAST A 1000°F MELTING POINT ONLY.
- 3) TEST FOR LEAKS WITH DRY NITROGEN AT 60 PSIG FOR 24 HOURS.

OXYGEN PIPELINE 1/2" O.D. COPPER

ACTUAL SIZE TEMPLATE



FM-995 REV E 6/08

FM-995
REV E
SCALE: 1=1