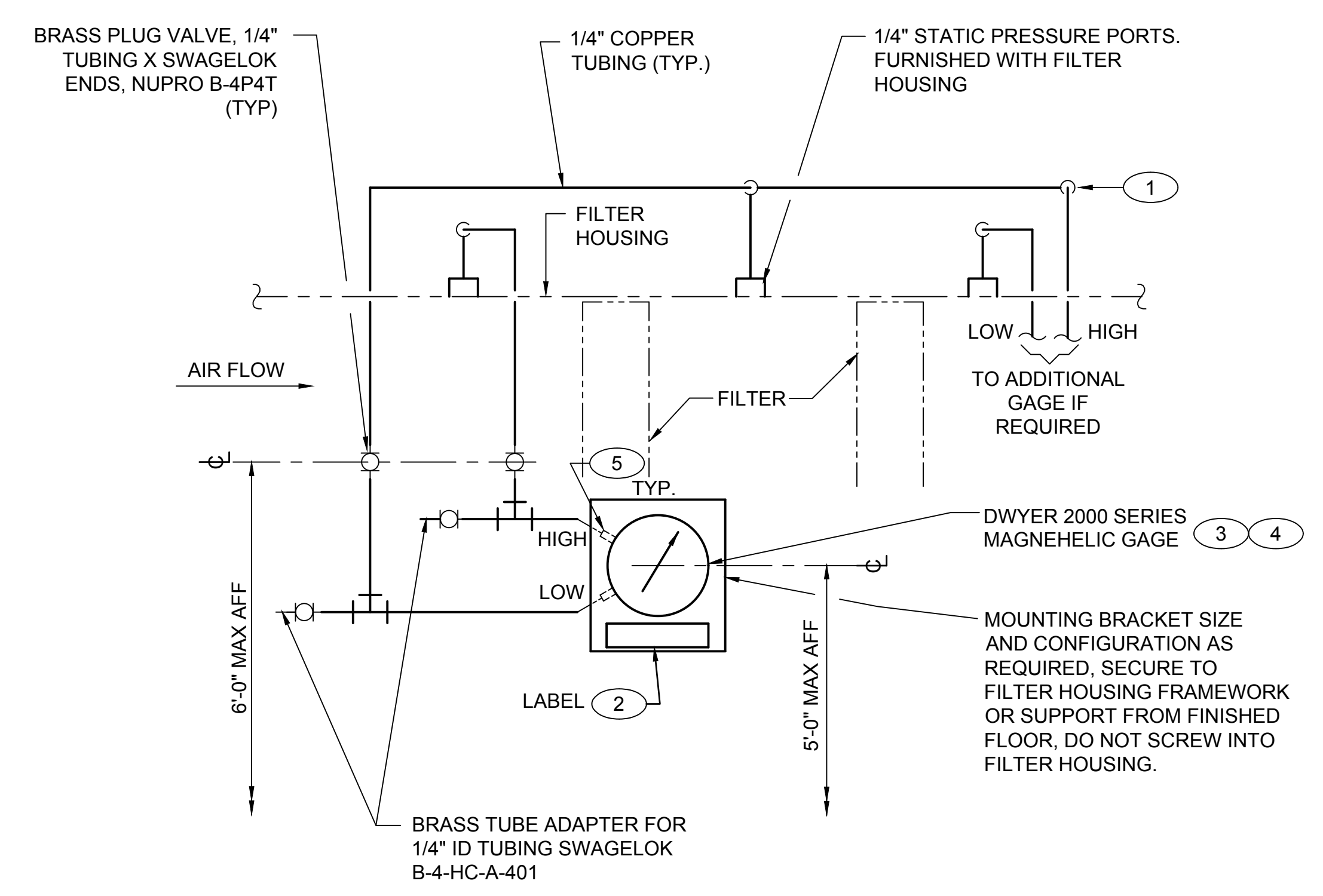


D
C
B
A

KEYED NOTES:

- 1 MINIMIZE THE USE OF FITTINGS. BEND TUBING WHERE POSSIBLE.
- 2 LABEL EACH MAGNEHELIC GAGE TO CORRESPOND TO FILTER TYPE/STAGE
- 3 PROVIDE GAGES WITH THE FOLLOWING RANGES (INCHES W.C.);

FIRE SCREEN	0-2
MOISTURE SEPARATOR	0-3
PREFILTER	0-2
HEPA FILTER	0-5
CHEMICAL ADSORBER (8X6 MESH CARBON)	0-3
CHEMICAL ADSORBER (12X30 MESH CARBON)	0-5
- 4 PROVIDE WEATHERPROOF BOX(ES), NEMA-4, (HOFFMAN, ETC.) WITH A HINGED COVER FOR OUTDOOR INSTALLATIONS.
- 5 USE SWAGELOK FITTINGS



DRAWING DEVELOPED FOR ML-3/ ML-4 PROJECTS. FOR ML-1/ ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

AIR FILTER PRESSURE DROP GAGE DETAIL
SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM MECHANICAL POC.
2. VALVES ALLOW GAGE TO BE EASILY TESTED.
3. USE STAINLESS STEEL TUBING AND FITTINGS FOR NUCLEAR, RADIOLOGICAL, OR VERY CORROSIVE EXHAUST STREAMS. THE "B" IN THE SWAGELOK AND NUPRO PART NUMBERS CHANGE TO "SS."

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
4	07-06-2017	UNCLASS	TO	ADMIN. CHANGES TO CAD STD. REV#5 FORMAT					
3	5-27-09	U	LB	REVISED DESIGNER NOTES & KEYED NOTE	JH	AJ	ML	CD	TO
2	8-13-03	U	LB	REVISED DESIGNER NOTES & KEYED NOTE 3 & 4. DWG NO. WAS ST6705	RP	AY	JM	GG	TO
1	5-16-01	U	LB	REVISED TO COMPLY WITH DRAFTING MANUAL.	RP	MB	KB	TO	TO

ENGINEERING STANDARDS

MECHANICAL				DRAWN	R. PEARSON
AIR FILTER PRESSURE DROP GAGE DETAIL				DESIGN	M. BURNETT
				CHECKED	K. BECKMAN
				DATE	06-28-99
TA- XX		BLDG- XX			
SUBMITTED DISCIPLINE POC: GURINDER GREWAL			APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH		
SHEET				1	
Los Alamos NATIONAL LABORATORY				PO Box 1663 Los Alamos, New Mexico 87545	
D.C.: U		REVIEWER: LARRY BAYS		DATE: 06-28-99	
PROJECT ID		DRAWING NO		REV	
CHAPTER 6		ST-D3040-5		4	

00% REVIEW NOT FOR CONSTRUCTION