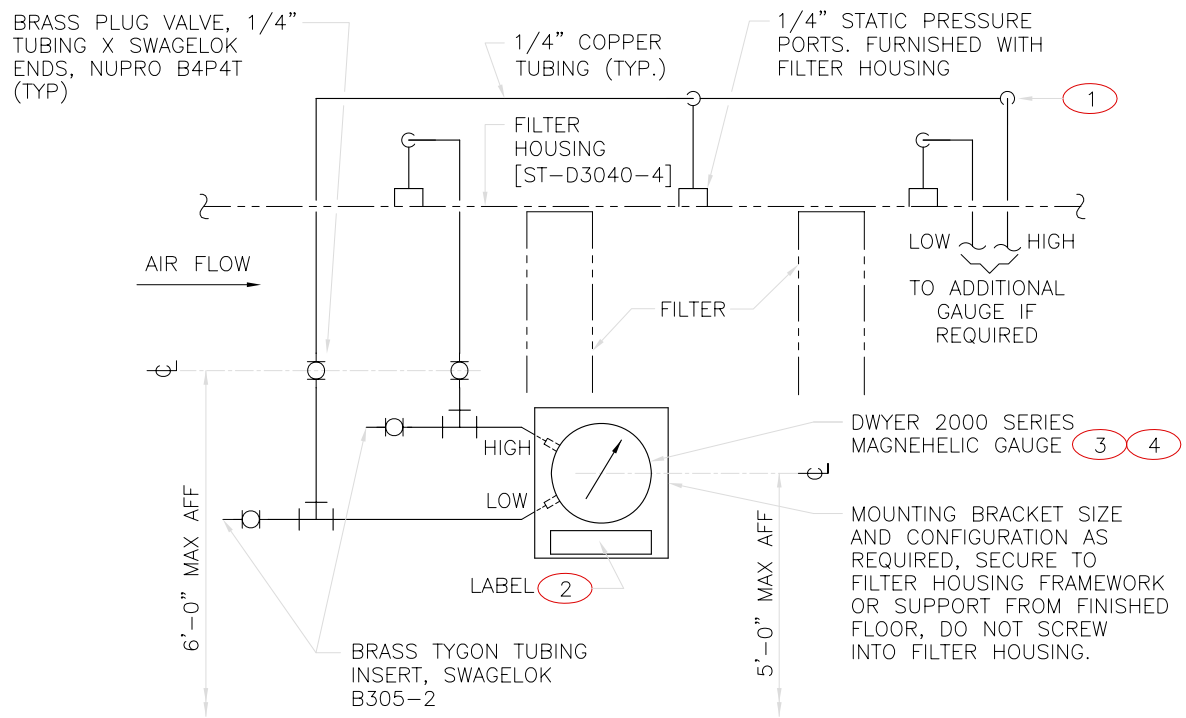

KEYED NOTES:

1. MINIMIZE THE USE OF FITTINGS. BEND TUBING WHERE POSSIBLE.
2. LABEL EACH MAGNEHELIC GAUGE TO CORRESPOND TO FILTER NUMBER.
3. PROVIDE GAUGES 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.

DRAWING DEVELOPED FOR ML–3/ ML–4 PROJECTS. FOR ML–1/ ML–2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN IN–SERTED INTO A DRAWING PACK–AGE).

AIR FILTER PRESSURE DROP GAUGE 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. VALVE ALLOWS GAUGE TO BE EASILY CALIBRATED.
3. USE STAINLESS STEEL TUBING AND FITTINGS IN VERY CORROSIVE EXHAUST STREAMS.

NO	DATE	CLASS REV	ADC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
2	8–13–03	U		REVISED DESIGNER NOTES & KEYED NOTE 3 & 4. DWG NO. WAS ST6705.	RP	AY	JM	GG	TO
1	5–16–01	U		REVISED TO COMPLY WITH DRAFTING MANUAL.	RP	MB	KB	TO	TO

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL

AIR FILTER PRESSURE DROP GUAGE DETAIL

DRAWN	R.PEARSON
DESIGN	M.BURNETT
CHECKED	K.BECKMAN
DATE	6–28–99

BLDG X TA–X

SUBMITTED

DISCIPLINE POC: GURINDER GREWAL

APPROVED FOR RELEASE

STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

SHEET 1 OF 1

CLASSIFICATION: U REVIEWER: LARRY BAYS DATE:

PROJECT ID CHAPTER 6 DRAWING NO ST–D3040–5 REV 2